RESNA
Working To Restore Nature

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SOIL SAMPLING BENEATH THE FORMER GASOLINE AND USED-OIL UNDERGROUND STORAGE TANKS, ASSOCIATED PRODUCT LINES, AND HYDRAULIC HOISTS

Former Exxon Station 7-7003
349 Main Street
Pleasanton, California

prepared for

Exxon Company, U.S.A.
P.O. 4032
2300 Clayton Road
Concord, California 94520-2032

January 13, 1994
RESNA Report 130015.06

RESNA
Working To Restore Nature

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San Jose, CA 95118
Phone: (408) 264-7723
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January 13, 1994

Mr. David Goodrum
Exxon Company, U.S.A.
2300 Clayton Road, Suite 1250
P.O. Box 4032
Concord, California 94520

Subject: Soil Sampling Beneath the Former Gasoline and Used Oil Underground Storage Tanks, Associated Product Lines, and Hydraulic Hoists
Former Exxon Station 7-7003
349 Main Street, Pleasanton, California.

Mr. Goodrum:

As requested by Exxon Company U.S.A. (Exxon), RESNA Industries Inc. (RESNA) is presenting the results of soil sampling associated with the removal of three gasoline underground storage tanks (USTs), one used-oil UST, associated product lines, and three hydraulic hoists at the subject site. The purpose of this soil sampling was to evaluate the potential presence of gasoline and used-oil hydrocarbons in the subsurface soil beneath the USTs, associated product lines, and hydraulic hoists. This work was performed according to guidelines stated in Exxon's "Tank Excavation Assessment Scope of Work - Amendments Specific to California" (Exxon, June 1991) and the California Regional Water Quality Control Board (CRWQCB) Tri-Regional Guidelines (CRWQCB, August 10, 1990).

The subject site is located at 349 Main Street on the southwestern corner of Angela and Main Streets in Pleasanton, California, as shown on the Site Vicinity Map (Plate 1). The site is a relatively flat, predominately asphalt- and concrete-covered, lot at an elevation of approximately 343 feet above mean sea level (MSL) and is located in a commercial and residential area.

Soil sampling was performed subsequent to the removal of the gasoline and used-oil USTs, associated product lines, and hydraulic hoists on October 20, 1993. Soil sample locations

were requested by Fire Marshal Theodore R. Klenk of the City of Pleasanton. The field work was performed in accordance with RESNA's field protocol (Appendix A).

Other personnel onsite during the soil sampling included: Staff Geologist Erin Krueger of RESNA and Maintenance and Compliance Specialist David Goodrum of Exxon. Additionally, personnel from Gettler-Ryan and Erickson Transporters (Erickson) were onsite as subcontractors for Exxon.

PREVIOUS WORK

Prior to the present investigation, RESNA, formerly Applied GeoSystems (AGS), performed an environmental investigation related to the removal and replacement of three gasoline underground storage tanks (USTs) and one used-oil UST in August 1989 (AGS, October 1, 1989). Additionally, RESNA performed an environmental investigation between January and June 1990 that included drilling 13 borings around the former gasoline UST area and adjacent to the former used-oil UST, installing groundwater monitoring wells MW-1 through MW-5 in five of the borings, and analyzing soil and groundwater samples (AGS, August 1, 1990). RESNA drilled five borings north and northwest of the former gasoline UST area and installed groundwater monitoring wells MW-6 and MW-7, and vapor extraction well VE-1 between February and March 1991 (AGS, October 24, 1991). RESNA drilled three additional borings and installed groundwater monitoring well MW-8, and vapor-extraction wells VE-2 and VE-3 in May 1993. Following the installation of these wells, a 24-hour pumping and recovery test was performed in June 1993, and a one-day vapor extraction test was performed in August 1993. Quarterly monitoring was initiated by RESNA in the second quarter of 1989 and is ongoing (RESNA, October 22, 1993).

FIELD WORK

Gasoline and Used-oil UST Removal and Soil Sampling

The former USTs at the site were steel, single-walle.., double containment wrapped, and consisted of three 10,000-gallon gasoline USTs and one 550-gallon used-oil UST (designated as T1 through T3 and WO1 on Plate 2). These USTs were removed on October 20, 1993, by Gettler-Ryan. Based on field observations of RESNA's geologist during tank removal operations, the conditions of the tanks were as follows:

T1 (10,000 gallon, gasoline UST): no obvious holes or cracks were observed, overall condition of tank good.

T2 (10,000 gallon, gasoline UST): no obvious holes or cracks were observed, overall condition of tank good.

T3 (10,000 gallon, gasoline UST): no obvious holes or cracks were observed, overall condition of tank good.

T4 (550 gallon, used-oil UST): no obvious holes or cracks were observed, overall condition of tank good.

Soil samples from beneath the gasoline USTs were collected at a depth of approximately 12 feet. Under the direction of Mr. Klenk, one soil sample was collected beneath the south end of each tank, and another sample was collected beneath the fill pipe in the center of each tank. One soil sample was collected at a depth of approximately 9 feet in the west sidewall of the used-oil UST excavation. Standing water was not encountered in the UST excavations. However, saturated soil was observed in the bottom of the used-oil UST excavation at a depth of about 10 feet. Sample locations are shown on Plate 2.

Soil samples collected from the UST excavations were screened in the field by the RESNA geologist for the presence of hydrocarbon vapor using an Organic Vapor Meter (OVM). OVM readings ranged from 2.4 parts per million (ppm) to 9.9 ppm with the highest reading observed in UST excavation soil sample S-T2-S.

Product-Line Removal and Soil Sampling

Fiberglass product lines associated with the gasoline USTs were removed on October 20, 1993 by Gettler-Ryan. These lines were covered in containment wrap. Four soil samples (designated as S-3-PL1 through S-3-PL4 on Plate 2) were collected; one each at the service islands, and approximately every 20 linear feet beneath the product lines at depths of approximately 3 feet in native soil.

Soil samples collected from the product lines were screened in the field by the RESNA geologist for gasoline hydrocarbon vapor using an OVM. OVM readings ranged from 1.7 ppm to 11.4 ppm with the highest reading observed in soil sample S-3-PL1.

Hydraulic Hoist Removal and Soil Sampling

Three hydraulic hoists were removed from the service bay on October 20, 1993 by Gettler-Ryan. Three soil samples (designated as S-7.5-H1 through S-7.5-H3 on Plate 2) were collected one at the bottom of each hoist excavation at depths of approximately 7½ feet in native soil.

Stockpile Soil Sampling

Soil removed from the excavations was stockpiled at one of three locations (designated as Soil Pile 1, Soil Pile 2, and Soil Pile 3 on Plate 2) based on the excavation from which it was removed. Soil Pile 1 was located in south-central portion of the site and was from the used-oil tank excavation; Soil Pile 2 was located inside the station building beside the former hydraulic hoist locations from which it had been removed; and Soil Pile 3 was located in the southeastern corner of the site and was from the former gasoline UST excavation. Four soil samples were collected from soil piled SP1 and SP2, and four soil samples were collected for each 50 cubic yards of soil in stockpile SP3 for compositing and analyses by the laboratory for disposal purposes. Four soil samples were taken (one from SP1, one from SP2, and two from SP3) for compositing and analysis by the laboratory for reactivity, corrosivity and ignitability (RCI) and disposal purposes. The estimated volumes of the three stockpiles are approximately 5 cubic yards (yds^3) for SP1, approximately 5 yds^3 for SP2, and approximately 150 yds^3 for SP3.

ANALYTICAL METHODS

The soil samples were analyzed by Pace Incorporated laboratories in Novato, California (California State Certification Number 1282). Copies of laboratory reports and Chain of Custody Records are included in Appendix B.

Gasoline USTs and Product-Line Trench Soil Samples

Soil samples collected from beneath the gasoline USTs and product-lines were submitted for laboratory analyses for the gasoline constituents benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons as gasoline (TPHg) using Modified Environmental Protection Agency (EPA) Methods 5030/8015/8020. The soil samples that contained TPHg were also analyzed for total lead using EPA Method 6010/200.7, inductively coupled plasma (ICP).

Used-Oil UST

The soil sample collected from beneath the used-oil UST was submitted for laboratory analyses for BTEX and TPHg using Modified EPA Methods 5030/8015/8020, for total petroleum hydrocarbon as diesel (TPHd) using EPA Method 3550/8015, for total oil and grease (TOG) using EPA Standard Method 5520, Volatile Organic Compounds (VOCs) using EPA Method 8240, Extractable Organic Compounds (EOCs) using EPA Method 8270, and for metals using EPA Method 6010/200.7 ICP.

TPH-G
" -D
BTEX
TOG
HVOC
SVOC
metals

Hydraulic Hoists

Soil samples collected from beneath the hydraulic hoists were submitted for laboratory analyses for TOG using EPA Standard Method 5520, VOCs using EPA Method 8240, and EOCs using EPA Method 8270.

Stockpile Soil Samples

The four soil samples collected from SP1 were submitted for compositing and analysis for TPH as motor oil using EPA Method 8015, for Soluble Threshold Limit Concentrations (STLC) Metals using EPA Method 6010/200.7, for lead using EPA Method 7421, for VOCs using EPA Method 8240, and for EOCs using EPA Method 8270. The four soil samples collected from SP2 were submitted for compositing and analysis for TOG using EPA Method 5520, for VOCs using EPA Method 8240, and for EOCs using EPA Method 8270. The twelve soil samples collected from SP3 were submitted for compositing and analysis of for BTEX and TPHg using Modified EPA Methods 5030/8015/8020, STLC Metals using EPA Method 6010/200.7, ICP, and lead using EPA Method 7421. Additionally, the four soil samples collected from soil stockpiles SP1, SP2 and SP3 were submitted for compositing and for laboratory analyses for cyanide reactivity using EPA Solid Waste Method SW846 7.3.3.2, sulfide reactivity using EPA Solid Waste Method SW846 7.3.4.1, corrosivity using EPA Method 9040, and ignitability using modified EPA Method 1010.

LABORATORY RESULTS

Results of laboratory analysis of soil samples are summarized in Table 1, Results of Laboratory Analyses of Soil Samples.

Gasoline UST Soil Samples

Analytical results of soil samples collected from the soil beneath the gasoline USTs indicate the following:

- TPHg was not detected at the method detection limit (MDL) of 1 ppm in soil samples S-T1-S, S-T1-C, S-T2-S, S-T2-C, and S-T3-C; however, soil sample S-T3-S contained 1.3 ppm TPHg.
- Benzene was not detected at the MDL of 0.005 ppm in soil samples S-T1-S, S-T1-C, S-T2-C, S-T3-S, and S-T3-C; however, soil sample S-T2-S contained 0.042 ppm benzene.

- Toluene, ethylbenzene, and total xylene (TEX) concentrations ranged from less than the MDL of 0.005 ppm to 0.250 ppm in the six soil samples analyzed.

Product-Line Trench Soil Samples

Analytical results of the soil samples collected from native soil beneath the product line trenches indicate the following:

- TPHg and benzene were not detected at their MDLs of 1 ppm and 0.005 ppm, respectively, in the four soil samples (S-3-PL1 through S-3-PL4).

- TEX concentrations ranged from less than the MDL of 0.005 ppm to 0.0058 ppm in the four soil samples.

Used-Oil Soil Sample

Analytical results of the soil sample collected from native soil beneath the used-oil UST indicates the following:

- TPHg and BTEX were not detected at their MDLs of 1.0 ppm and 0.005 ppm, respectively.

- TPHd was not detected at the MDL of 5.0 ppm.

- TOG was not detected at the MDL of 50 ppm.

- VOCs were not detected at their respective MDLs. Most EOCs were not detected at their respective MDLs; except for the presence of 1.3 ppm Di-n-butylphthalate.

- Cadmium and lead were not detected at their respective MDLs of 1.0 ppm, and 10 ppm; however, chromium (25 ppm), nickel (24 ppm), and zinc (22 ppm) were detected.

Hydraulic Hoist Samples

Analytical results of the soil samples collected from native soil beneath the hydraulic hoists indicate the following:

- TOG was not detected at the MDL of 50 ppm in samples S-7.5-H1 and S-7.5-H3, however, sample S-7.5-H2 contained 507 ppm TOG.

- VOCs were not detected at their respective MDLs. Most EOCs were not detected at their relative MDLs; except for the presence of 0.510 ppm and 0.440 ppm Di-n-butylphthalate in S-7.5-H1 and S-7.5-H3, respectively.

Stockpile Soil Samples

Analytical results of composited soil samples collected from the soil stockpiles indicate the following:

- Composited soil sample 1020-SP1-A+B+C+D contained 76 ppm TPH as motor oil, and 1.4 ppm Di-n-butylphthalate.

- Composited soil sample 1020-SP2-A+B+C+D contained 93 ppm TOG, and 1.1 ppm Di-n-butylphthalate.

- In composited soil sample 1020-SP3-A+B+C+D, TPHg, benzene, toluene, and ethylbenzene were not detected at the MDLs of 1.0 ppm (TPHg) and 0.005 ppm (BTE), however, total xylenes were detected at a concentration of 0.013 ppm. Lead was detected at a concentration of 0.31 ppm.

- In composited soil sample 1020-SP3-E+F+G+H TPHg and BTEX were not detected at the MDLs of 1.0 ppm and 0.005 ppm, respectively. Lead was detected at a concentration of 0.52 ppm.

- In composited soil sample 1020-SP3-I+J+K+L TPHg and BTEX were not detected at the MDLs of 1.0 ppm and 0.005 ppm, respectively. Lead was detected at a concentration of 0.17 ppm.

- Composited soil sample 1020-SP1E+2E+3M+3N, indicated the following chemical characteristics: corrosivity pH of 8.6, a flash point greater than 60 °Celsius, and less than 0.5 ppm reactive cyanide and sulfide.

LIMITATIONS

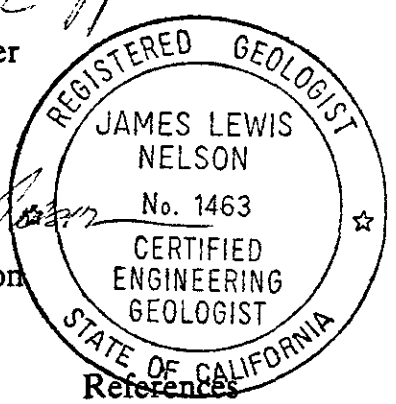
This report was prepared in accordance with generally accepted standards of environmental geological practice in California at the time this investigation was performed. This investigation was conducted solely for the purpose of evaluating environmental conditions of the soil with respect to gasoline, diesel, and used-oil-related hydrocarbons previously

detected at the site. No soil engineering or geotechnical references are implied or should be inferred. Evaluation of the geologic conditions at the site for the purpose of this investigation is made from a limited number of observation points. Subsurface conditions may vary away from the data points available. This report has been prepared solely for Exxon Company, U.S.A. and any reliance on this report by third parties shall be at such party's sole risk.

Please call (408) 264-7723 if you have any questions, comments, or require any additional information regarding this letter report.

Sincerely,
RESNA Industries Inc.

Erin D. Krueger
Staff Geologist



James L. Nelson
C.E.G. 1463

Attachments: References

Plate 1: Site Vicinity Map
Plate 2: Generalized Site Plan and Soil Sample Location Map

Table 1: Results of Laboratory Analyses of Soil Samples

Appendix A, Field Protocol
Appendix B, Chain of Custody Records and Laboratory Analysis Reports

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REFERENCES

Applied GeoSystems. October 1, 1989. Report on Limited Subsurface Environmental Investigation at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025-1.

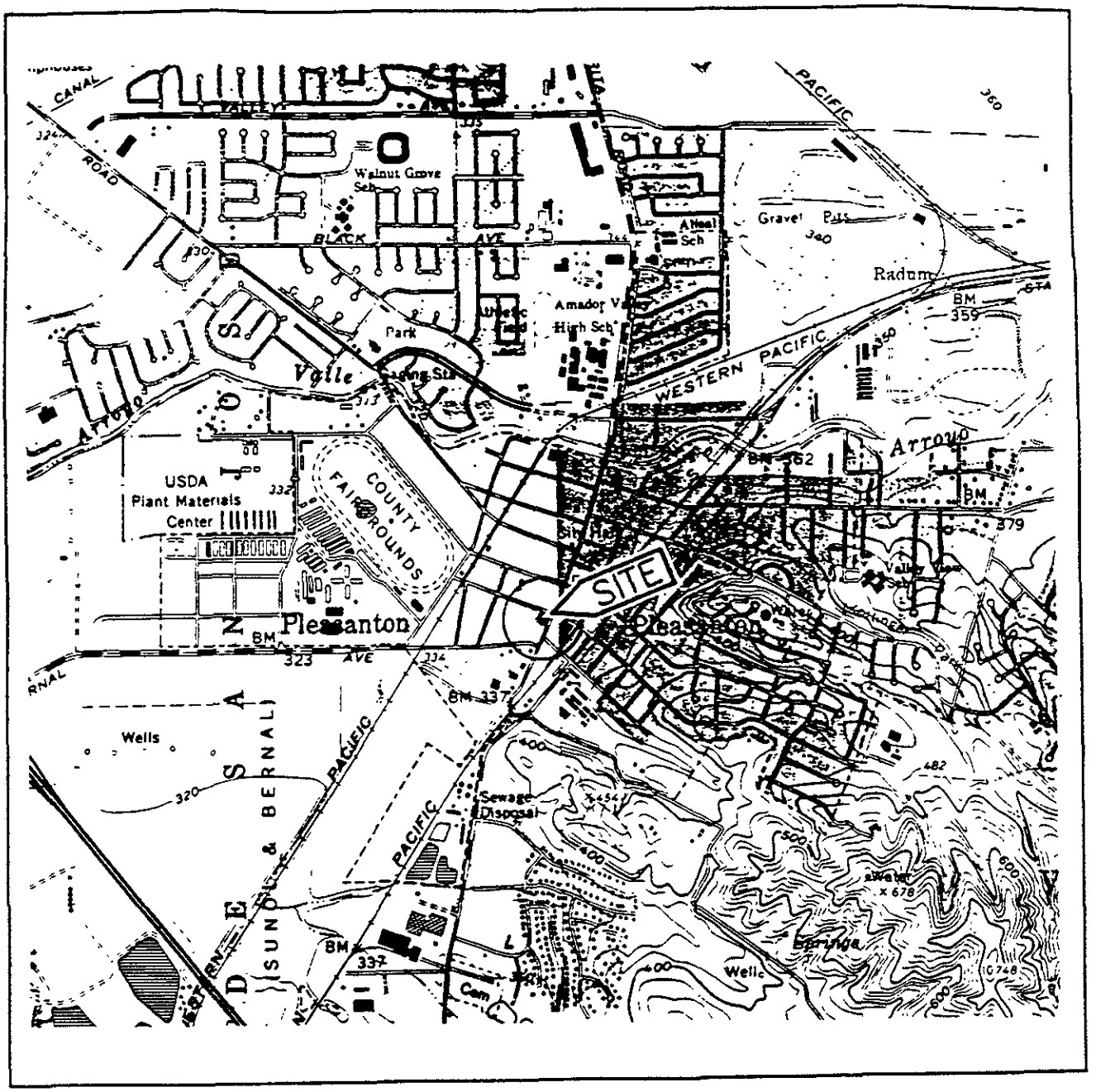
Applied GeoSystems. August 1, 1990. Report on Supplemental Subsurface Environmental Investigation at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025-2.

Applied GeoSystems. October 24, 1991. Report on Supplemental Subsurface Environmental Investigation and Quarterly Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California Job No. 19025-3.

California Regional Water Quality Control Board, San Francisco Bay Region. August 10, 1990. Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites.

Exxon Company, U.S.A. June 1991. Tank Excavation Assessment Scope of Work - Amendments Specific to California.

RESNA Industries Inc. October 22, 1993. Letter Report, Quarterly Groundwater Monitoring, Third Quarter 1993 at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 130015.01.



Source U.S Geological Survey
7.5-Minute Quadrangles
Dublin, Livermore, California
Photorevised 1980

N

Approximate Scale

2000 1000 0 2000

feet

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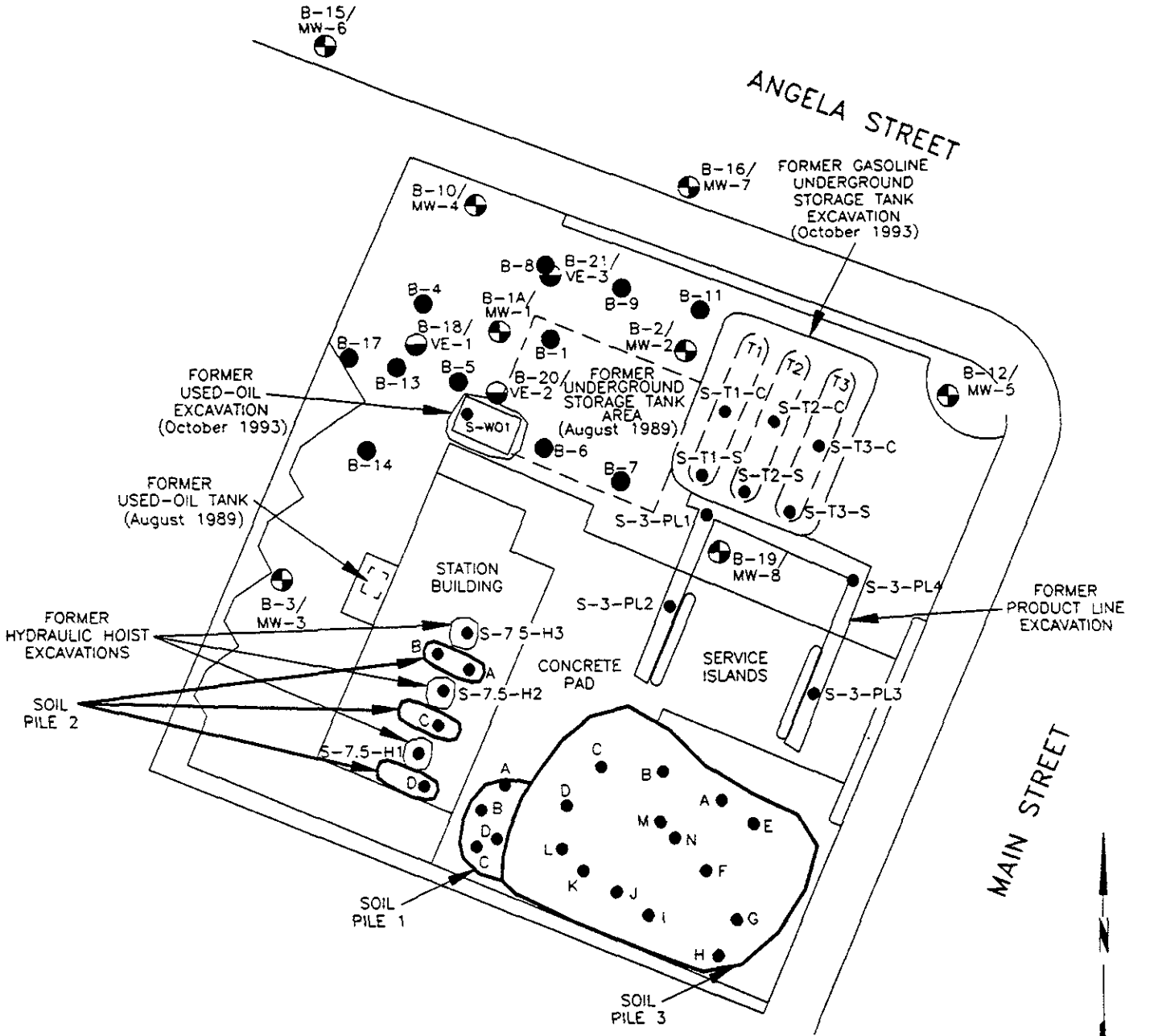
SITE VICINITY MAP
Exxon Station 7-7003
349 Main Street
Pleasanton, California

PLATE
1



EXPLANATION

B-17 ● = Soil boring

B-19/ MW-8 ◓ = Monitoring well

B-21/ VE-3 ◒ = Vapor extraction well

▭ = Excavated areas

= Soilpiles

● = Sample locations

Approximate Scale

30 15 0 30 60

feet

Source: Surveyed by Ron Archer Civil Engineer, Inc., June 1990, April 1991 and May 1993

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GENERALIZED SITE PLAN AND SOIL SAMPLE LOCATION MAP
Exxon Station 7-7003
349 Main Street
Pleasanton, California

PLATE 2

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TABLE 1
RESULTS OF LABORATORY ANALYSES OF SOIL SAMPLES
Exxon Station 7-7003
Pleasanton, California
(Page 1 of 2)

Sample	Depth	B	T	E	X	TPHg	TPHd	TOG	VOCs	SVOC EOCs	Cd	Cr	Pb	Ni	Zn
RESNA - October 1993															
Gasoline USTs															
S-T1-S	12'	<0.0050	<0.0050	<0.0050	0.250	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-T1-C	12'	<0.0050	<0.0050	<0.0050	<0.0050	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-T2-S	12'	0.042	0.078	0.013	0.120	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-T2-C	12'	<0.0050	<0.0050	<0.0050	<0.0050	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-T3-S	12'	<0.0050	0.040	0.016	0.110	1.300	NA	NA	NA	NA	NA	NA	<10	NA	NA
S-T3-C	12'	<0.0050	<0.0050	<0.0050	0.0062	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Product Lines															
S-3-PL1	3'	<0.0050	<0.0050	<0.0050	<0.0050	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3-PL2	3'	<0.0050	<0.0050	<0.0050	<0.0050	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3-PL3	3'	<0.0050	<0.0050	<0.0050	<0.0050	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3-PL4	3'	<0.0050	<0.0050	<0.0050	0.0058	<1.000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Used-oil UST															
S-WO-1	9'	<0.0050	<0.0050	<0.0050	<0.0050	<1.000	<5.0	<50	ND	1.300[1]	<1.0	25	<10	24	22
Hydraulic Hoists															
S-7.5-H1	7½	NA	NA	NA	NA	NA	NA	<50	ND	0.510[1]	NA	NA	NA	NA	NA
S-7.5-H2	7½	NA	NA	NA	NA	NA	NA	507	ND	ND	NA	NA	NA	NA	NA
S-7.5-H3	7½	NA	NA	NA	NA	NA	NA	<50	ND	0.440[1]	NA	NA	NA	NA	NA
Stockpiled Soil															
1020-SP1-A+B+C+D		NA	NA	NA	NA	NA	NA	76*	ND	1.400[1]	<0.050	<0.10	0.49	0.43	1.6
1020-SP2-A+B+C+D		NA	NA	NA	NA	NA	NA	93	ND	1.100[1]	NA	NA	NA	NA	NA
1020-SP3-A+B+C+D		<0.0050	<0.0050	<0.0050	0.013	<1.000	NA	NA	NA	NA	NA	NA	0.31	NA	NA
1020-SP3-E+F+G+H		<0.0050	<0.0050	<0.0050	<0.0050	<1.000	NA	NA	NA	NA	NA	NA	0.52	NA	NA
1020-SP3-I+J+K+L		<0.0050	<0.0050	<0.0050	<0.0050	<1.000	NA	NA	NA	NA	NA	NA	0.17	NA	NA

1020-SP1E+2E+3M+3N
Analyzed for corrosivity (pH of 8.9), reactive cyanide (<0.5 ppm), reactive sulfide (<0.5 ppm), flash point (>60°C)

See notes on page 2 of 2.

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TABLE 1
RESULTS OF LABORATORY ANALYSES OF SOIL SAMPLES
Exxon Station 7-7003
Pleasanton, California
(Page 2 of 2)

[1]Results in parts per million (ppm).

<	:	Less than the laboratory detection limit.
NA	:	Not Analyzed
*	:	Total Petroleum Hydrocarbons as Motor Oil using EPA Method 8015
B: Benzene, T: Toluene, E: Ethylbenzene, X: Total Xylene isomers		
BTEX	:	Analyzed using EPA method 5030/8020M.
TPHg	:	Total petroleum hydrocarbons as gasoline using EPA method 5030/8015M.
TPHd	:	Total petroleum hydrocarbons as diesel using EPA method 3550/8015.
TOG	:	Total Oil and Grease using standard method 5520
VOCs	:	Volatile Organic Compounds using EPA Method 8240
EOCs	:	Extractable Organic Compounds using EPA Method 8270 SVOC
'	:	Di-n-butylphthalate
Cd: Cadmium, Cr: Chromium, Pb: Lead, Ni: Nickel, Zi: Zinc		
Metals	:	Soluble Threshold Limit Concentrations (STLC) using EPA Method 6010/200.7. ICP California Assessment Metals (CAM) Extract.
Pb	:	Lead also done using EPA Method 7421

Sample designation:

S-T3-S
- Location (south or center)
- Tank Designation
- Soil Sample

S-3-PL3
- Product Line Sample Number
- Sample Depth
- Soil sample

S-WO-1
- Used-oil Sample Number
- Tank Designation
- Soil sample

S-7.5-H3
- Hydraulic Hoist Designation
- Sample Depth
- Soil sample

1020-SP3-I-L
- Composite Sample Number
- Soil Pile Designation
- Date

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APPENDIX A

FIELD PROTOCOL

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FIELD PROTOCOL

The following presents RESNA's protocol for a typical site investigation involving gasoline and diesel hydrocarbon-impacted soil.

Site Safety Plan

The Site Safety Plan describes the safety requirements for the evaluation of gasoline and diesel hydrocarbons in soil at the site. The Site Safety Plan is applicable to RESNA's personnel and its subcontractors. RESNA's personnel and subcontractors scheduled to perform the work at the site are briefed on the contents of the Site Safety Plan before work begins. A copy of the Site Safety Plan is available for reference by appropriate parties during the work. A Site Safety Officer is assigned to the project.

Soil Sampling

The samples selected for laboratory analysis sealed in their brass sleeves with plastic caps. The samples are then labeled, promptly placed in iced storage, and delivered to a laboratory certified by the State of California to perform the analyses requested.

Sampling of Stockpiled Soil

One composite soil sample is collected for each 50 cubic yards of stockpiled soil, and for each individual stockpile composed of less than 50 cubic yards. Composite soil samples are obtained by first evaluating relatively high, average, and low areas of hydrocarbon concentration by digging approximately one to two feet into the stockpile and placing the intake probe of a field calibrated OVM against the surface of the soil; and then collecting one sample from the "high" reading area, and three samples from the "average" areas. Samples are collected by removing the top one to two feet of soil, then driving laboratory-cleaned brass sleeves into the soil. The samples are sealed in the sleeves using aluminum foil, and plastic caps; labeled; and promptly placed in iced storage for transport to the laboratory, where compositing is performed.

Sample Labeling and Handling

Sample containers are labeled in the field with the job number, sample location and depth, and date, and promptly placed in iced storage for transport to the laboratory. A Chain of Custody Record is initiated by the field geologist and updated throughout handling of the samples, and accompanies the samples to a laboratory certified by the State of California for the analyses requested. Samples are transported to the laboratory promptly to help

ensure that recommended sample holding times are not exceeded. Samples are properly disposed of after their useful life has expired.

Quality Assurance/Quality Control

The sampling and analysis procedures employed by RESNA for soil sampling and monitoring follow regulatory guidance for quality assurance/quality control (QA/QC). Quality control is maintained by site-specific field protocols and quality control checks performed by the laboratory.

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APPENDIX B

CHAIN OF CUSTODY RECORDS
LABORATORY ANALYSIS REPORTS

pace
INCORPORATED
THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

November 18, 1993

Mr. Marc Briggs
RESNA
3315 Almaden Expressway Suite 34
San Jose, CA 95118

RE: PACE Project No. 431111.501
Client Reference: Exxon 7-7003 (CM)

Dear Mr. Briggs:

Enclosed is the report of laboratory analyses for samples received November 11, 1993.

Footnotes are given at the end of the report.

If you have any questions concerning this report, please feel free to contact us.

Sincerely,

Stephanie Matzo

Stephanie Matzo
Project Manager

Enclosures

11 Digital Drive
Novato, CA 94949
TEL: 415-883-6100
FAX 415-883-2673

pace INCORPORATED
THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

RESNA
3315 Almaden Expressway Suite 34
San Jose, CA 95118

November 18, 1993
PACE Project Number: 431111501

Attn: Mr. Marc Briggs

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0189128	
Date Collected:			10/20/93	
Date Received:			11/11/93	
Client Sample ID:			S-T3-S	
Parameter	Units	MDL		DATE ANALYZED
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	ND	11/16/93

These data have been reviewed and are approved for release.

Darrell C. Cain
Regional Director

11 Digital Drive
Novato, CA 94949
TEL: 415-883-6100
FAX 415-883-2673

Mr. Marc Briggs
Page 2

FOOTNOTES
for page 1

November 18, 1993
PACE Project Number: 431111501

Client Reference: Exxon 7-7003 (CM)

MDL Method Detection Limit
ND Not detected at or above the MDL.

11 Digital Drive
Novato, CA 94949
TEL: 415-883-6100
FAX. 415-883-2673

Mr. Marc Briggs
Page 3

QUALITY CONTROL DATA

November 18, 1993
PACE Project Number: 431111501

Client Reference: Exxon 7-7003 (CM)

Lead (EPA Method 6010/200.7, ICP)
Batch: 70 26453
Samples: 70 0189128

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	50	100%	100%	0%

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Mr. Marc Briggs
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FOOTNOTES
for page 3

November 18, 1993
PACE Project Number: 431111501

Client Reference: Exxon 7-7003 (CM)

MDL	Method Detection Limit
ND	Not detected at or above the MDL.
RPD	Relative Percent Difference

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THE ASSURANCE OF QUALITY

EXXON COMPANY, U.S.A.

P.O. Box 4415, Houston, TX 77210-4415

CHAIN OF CUSTODY

☐ Novato, CA, 11 Digital Drive, 94949 (415) 883-6100

☐ Huntington Beach, CA, 5702 Bolsa Avenue, 92649 (714) 892-2565

431111.501

Page 1 of 1

Consultant's Name: RESNA		Site Location: Pleasanton
Address: San Jose		
Project #:	Consultant Project #: 130015.C6	Consultant Work Release #: 0930025500#2
Project Contact: Marc Briggs	Phone #: Fax #:	Laboratory Work Release #:
EXXON Contact: David Goodrum ☐ EE ☒ C&M	Phone # Fax #:	EXXON RAS #: 7-7003
Sampled by (print): Erin Krueger	Sampler's Signature:	
Shipment Method:	Air Bill #:	Shipment Date:

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature °C: ____
Cooler #: ____
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1	Total Pb by ICP								COMMENTS
S-T3-S	10/20	Soil		(1)	189128				⊗								AKA 17822.3

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
			[signature] from Pace	11/11/93	1330

Additional Comments: previously logged in Job #431021.508 on E/Floor

Distribution: White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff

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REPORT OF LABORATORY ANALYSIS

RECEIVED
3
RESNA
SAN JOSE

November 08, 1993

Mr. Marc Briggs
RESNA
3315 Almaden Expressway Suite 34
San Jose, CA 95118

RE: PACE Project No. 431021.508
Client Reference: Exxon 7-7003 (CM)

Dear Mr. Briggs:

Enclosed is the report of laboratory analyses for samples received October 21, 1993.

Footnotes are given at the end of the report.

If you have any questions concerning this report, please feel free to contact us.

Sincerely,

Stephanie Matzo

Stephanie Matzo
Project Manager

Enclosures

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REPORT OF LABORATORY ANALYSIS

RESNA
3315 Almaden Expressway Suite 34
San Jose, CA 95118

November 08, 1993
PACE Project Number: 431021508

Attn: Mr. Marc Briggs

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178185	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-T1-S	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	250	10/27/93

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Mr. Marc Briggs
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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178193	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-T1-C	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	ND	10/27/93

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REPORT OF LABORATORY ANALYSIS

Mr. Marc Briggs
Page 3

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178207	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-T2-S	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	42	10/27/93
Toluene	ug/kg wet	5.0	78	10/27/93
Ethylbenzene	ug/kg wet	5.0	13	10/27/93
Xylenes, Total	ug/kg wet	5.0	120	10/27/93

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Mr. Marc Briggs
Page 4

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178215	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-T2-C	
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	ND	10/27/93

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Mr. Marc Briggs
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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178223	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-T3-S	
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	1300	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	40	10/27/93
Ethylbenzene	ug/kg wet	5.0	16	10/27/93
Xylenes, Total	ug/kg wet	5.0	110	10/27/93

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REPORT OF LABORATORY ANALYSIS

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178231	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-T3-C	
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	6.2	10/27/93

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REPORT OF LABORATORY ANALYSIS

Mr. Marc Briggs
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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178240	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H1	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
OIL AND GREASE, SILICA GEL (LUFT)				
Oil and Grease, Gravimetric (SM5520)	mg/kg wet	50	ND	10/27/93
Date Extracted			10/25/93	
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
Chloromethane	ug/kg	10	ND	10/25/93
Vinyl Chloride	ug/kg	10	ND	10/25/93
Bromomethane	ug/kg	10	ND	10/25/93
Chloroethane	ug/kg	10	ND	10/25/93
Trichlorofluoromethane	ug/kg	5	ND	10/25/93
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/kg	5	ND	10/25/93
2-Butanone (MEK)	ug/kg	50	ND	10/25/93
1,1-Dichloroethene	ug/kg	5	ND	10/25/93
Carbon Disulfide	ug/kg	5	ND	10/25/93
Acetone	ug/kg	50	ND	10/25/93
Methylene Chloride	ug/kg	10	ND	10/25/93
trans-1,2-Dichloroethene	ug/kg	5	ND	10/25/93
cis-1,2-Dichlorethene	ug/kg	5	ND	10/25/93
1,1-Dichloroethane	ug/kg	5	ND	10/25/93
Chloroform	ug/kg	5	ND	10/25/93
1,1,1-Trichloroethane	ug/kg	5	ND	10/25/93
1,2-Dichloroethane	ug/kg	5	ND	10/25/93
Carbon Tetrachloride	ug/kg	5	ND	10/25/93
Benzene	ug/kg	5	ND	10/25/93
1,2-Dichloropropane	ug/kg	5	ND	10/25/93
Trichloroethene	ug/kg	5	ND	10/25/93
Bromodichloromethane	ug/kg	5	ND	10/25/93
trans-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND	10/25/93
Toluene	ug/kg	5	ND	10/25/93
cis-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
1,1,2-Trichloroethane	ug/kg	5	ND	10/25/93
Dibromochloromethane	ug/kg	5	ND	10/25/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178240	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H1	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
2-Hexanone	ug/kg	50	ND	10/25/93
Tetrachloroethene	ug/kg	5	ND	10/25/93
Chlorobenzene	ug/kg	5	ND	10/25/93
Ethylbenzene	ug/kg	5	ND	10/25/93
Bromoform	ug/kg	5	ND	10/25/93
Xylene(s) Total	ug/kg	5	ND	10/25/93
Styrene	ug/kg	5	ND	10/25/93
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND	10/25/93
1,3-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,4-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichloroethane-d4 (Surrog. Recovery)	%		98	10/25/93
Toluene-d8 (Surrogate Recovery)	%		107	10/25/93
4-Bromofluorobenzene (Surrog. Recovery)	%		90	10/25/93
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
N-Nitrosodimethylamine	ug/kg	300	ND	10/27/93
Bis(2-chloroethyl) ether	ug/kg	300	ND	10/27/93
1,3-Dichlorobenzene	ug/kg	300	ND	10/27/93
Benzyl Alcohol	ug/kg	300	ND	10/27/93
1,4-Dichlorobenzene	ug/kg	300	ND	10/27/93
1,2-Dichlorobenzene	ug/kg	300	ND	10/27/93
Bis(2-chloroisopropyl) ether	ug/kg	300	ND	10/27/93
N-Nitroso-di-n-propylamine	ug/kg	300	ND	10/27/93
Hexachloroethane	ug/kg	300	ND	10/27/93
Nitrobenzene	ug/kg	300	ND	10/27/93
Bis(2-chloroethoxy)methane	ug/kg	300	ND	10/27/93
1,2,4-Trichlorobenzene	ug/kg	300	ND	10/27/93
Naphthalene	ug/kg	300	ND	10/27/93
Hexachlorobutadiene	ug/kg	300	ND	10/27/93
2-Methylnaphthalene	ug/kg	300	ND	10/27/93
Hexachlorocyclopentadiene	ug/kg	300	ND	10/27/93

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PACE Sample Number:			70 0178240	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H1	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
2-Chloronaphthalene	ug/kg	300	ND	10/27/93
Dimethylphthalate	ug/kg	300	ND	10/27/93
Acenaphthylene	ug/kg	300	ND	10/27/93
2,6-Dinitrotoluene	ug/kg	300	ND	10/27/93
Acenaphthene	ug/kg	300	ND	10/27/93
Dibenzofuran	ug/kg	300	ND	10/27/93
2,4-Dinitrotoluene	ug/kg	300	ND	10/27/93
Diethylphthalate	ug/kg	300	ND	10/27/93
Fluorene	ug/kg	300	ND	10/27/93
4-Chlorophenylphenylether	ug/kg	300	ND	10/27/93
N-Nitrosodiphenylamine	ug/kg	300	ND	10/27/93
1,2-Diphenylhydrazine	ug/kg	300	ND	10/27/93
4-Bromophenylphenylether	ug/kg	300	ND	10/27/93
Hexachlorobenzene	ug/kg	300	ND	10/27/93
Phenanthrene	ug/kg	300	ND	10/27/93
Anthracene	ug/kg	300	ND	10/27/93
Di-n-butylphthalate	ug/kg	300	510 (1)	10/27/93
Fluoranthene	ug/kg	300	ND	10/27/93
Pyrene	ug/kg	300	ND	10/27/93
Butylbenzylphthalate	ug/kg	300	ND	10/27/93
Benzo(a)anthracene	ug/kg	300	ND	10/27/93
3,3'-Dichlorobenzidine	ug/kg	600	ND	10/27/93
Chrysene	ug/kg	300	ND	10/27/93
Bis(2-ethylhexyl)phthalate	ug/kg	300	ND	10/27/93
Di-n-octylphthalate	ug/kg	300	ND	10/27/93
Benzo(b)fluoranthene	ug/kg	300	ND	10/27/93
Benzo(k)fluoranthene	ug/kg	300	ND	10/27/93
Benzo(a)pyrene	ug/kg	300	ND	10/27/93
Indeno(1,2,3-cd)pyrene	ug/kg	300	ND	10/27/93
Dibenz(a,h)anthracene	ug/kg	300	ND	10/27/93
Benzo(g,h,i)perylene	ug/kg	300	ND	10/27/93

Mr. Marc Briggs
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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178240	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H1	
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
Phenol	ug/kg	300	ND	10/27/93
2-Chlorophenol	ug/kg	300	ND	10/27/93
2-Methylphenol	ug/kg	300	ND	10/27/93
4-Methylphenol	ug/kg	300	ND	10/27/93
2-Nitrophenol	ug/kg	300	ND	10/27/93
2,4-Dimethylphenol	ug/kg	300	ND	10/27/93
Benzoic Acid	ug/kg	1500	ND	10/27/93
2,4-Dichlorophenol	ug/kg	300	ND	10/27/93
4-Chloro-3-methylphenol	ug/kg	300	ND	10/27/93
2,4,6-Trichlorophenol	ug/kg	300	ND	10/27/93
2,4,5-Trichlorophenol	ug/kg	300	ND	10/27/93
2,4-Dinitrophenol	ug/kg	1500	ND	10/27/93
4-Nitrophenol	ug/kg	1500	ND	10/27/93
4,6-Dinitro-2-methylphenol	ug/kg	1500	ND	10/27/93
Pentachlorophenol	ug/kg	300	ND	10/27/93
Nitrobenzene-d5 (Surrogate Recovery)			79%	10/27/93
2-Fluorobiphenyl(Surrogate Recovery)			83%	10/27/93
Terphenyl-d14 (Surrogate Recovery)			118%	10/27/93
2-Fluorophenol (Surrogate Recovery)			60%	10/27/93
Phenol-d6 (Surrogate Recovery)			71%	10/27/93
2,4,6-Tribromophenol(Surrogate Recovery)			88%	10/27/93
Date Extracted			10/25/93	

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Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178258	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H2	
ORGANIC ANALYSIS				
OIL AND GREASE, SILICA GEL (LUFT)				
Oil and Grease, Gravimetric (SM5520)	mg/kg wet	50	507	10/27/93
Date Extracted			10/25/93	
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
Chloromethane	ug/kg	10	ND	10/26/93
Vinyl Chloride	ug/kg	10	ND	10/26/93
Bromomethane	ug/kg	10	ND	10/26/93
Chloroethane	ug/kg	10	ND	10/26/93
Trichlorofluoromethane	ug/kg	5	ND	10/26/93
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/kg	5	ND	10/26/93
2-Butanone (MEK)	ug/kg	50	ND	10/26/93
1,1-Dichloroethene	ug/kg	5	ND	10/26/93
Carbon Disulfide	ug/kg	5	ND	10/26/93
Acetone	ug/kg	50	ND	10/26/93
Methylene Chloride	ug/kg	10	ND	10/26/93
trans-1,2-Dichloroethene	ug/kg	5	ND	10/26/93
cis-1,2-Dichlorethene	ug/kg	5	ND	10/26/93
1,1-Dichloroethane	ug/kg	5	ND	10/26/93
Chloroform	ug/kg	5	ND	10/26/93
1,1,1-Trichloroethane	ug/kg	5	ND	10/26/93
1,2-Dichloroethane	ug/kg	5	ND	10/26/93
Carbon Tetrachloride	ug/kg	5	ND	10/26/93
Benzene	ug/kg	5	ND	10/26/93
1,2-Dichloropropane	ug/kg	5	ND	10/26/93
Trichloroethene	ug/kg	5	ND	10/26/93
Bromodichloromethane	ug/kg	5	ND	10/26/93
trans-1,3-Dichloropropene	ug/kg	5	ND	10/26/93
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND	10/26/93
Toluene	ug/kg	5	ND	10/26/93
cis-1,3-Dichloropropene	ug/kg	5	ND	10/26/93
1,1,2-Trichloroethane	ug/kg	5	ND	10/26/93
Dibromochloromethane	ug/kg	5	ND	10/26/93

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178258	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H2	
ORGANIC ANALYSIS				
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
2-Hexanone	ug/kg	50	ND	10/26/93
Tetrachloroethene	ug/kg	5	ND	10/26/93
Chlorobenzene	ug/kg	5	ND	10/26/93
Ethylbenzene	ug/kg	5	ND	10/26/93
Bromoform	ug/kg	5	ND	10/26/93
Xylene(s) Total	ug/kg	5	ND	10/26/93
Styrene	ug/kg	5	ND	10/26/93
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND	10/26/93
1,3-Dichlorobenzene	ug/kg	5	ND	10/26/93
1,4-Dichlorobenzene	ug/kg	5	ND	10/26/93
1,2-Dichlorobenzene	ug/kg	5	ND	10/26/93
1,2-Dichloroethane-d4 (Surrog. Recovery)	%		104	10/26/93
Toluene-d8 (Surrogate Recovery)	%		105	10/26/93
4-Bromofluorobenzene (Surrog. Recovery)	%		96	10/26/93
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
N-Nitrosodimethylamine	ug/kg	300	ND	10/27/93
Bis(2-chloroethyl) ether	ug/kg	300	ND	10/27/93
1,3-Dichlorobenzene	ug/kg	300	ND	10/27/93
Benzyl Alcohol	ug/kg	300	ND	10/27/93
1,4-Dichlorobenzene	ug/kg	300	ND	10/27/93
1,2-Dichlorobenzene	ug/kg	300	ND	10/27/93
Bis(2-chloroisopropyl) ether	ug/kg	300	ND	10/27/93
N-Nitroso-di-n-propylamine	ug/kg	300	ND	10/27/93
Hexachloroethane	ug/kg	300	ND	10/27/93
Nitrobenzene	ug/kg	300	ND	10/27/93
Bis(2-chloroethoxy)methane	ug/kg	300	ND	10/27/93
1,2,4-Trichlorobenzene	ug/kg	300	ND	10/27/93
Naphthalene	ug/kg	300	ND	10/27/93
Hexachlorobutadiene	ug/kg	300	ND	10/27/93
2-Methylnaphthalene	ug/kg	300	ND	10/27/93
Hexachlorocyclopentadiene	ug/kg	300	ND	10/27/93

REPORT OF LABORATORY ANALYSIS

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178258	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H2	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
2-Chloronaphthalene	ug/kg	300	ND	10/27/93
Dimethylphthalate	ug/kg	300	ND	10/27/93
Acenaphthylene	ug/kg	300	ND	10/27/93
2,6-Dinitrotoluene	ug/kg	300	ND	10/27/93
Acenaphthene	ug/kg	300	ND	10/27/93
Dibenzofuran	ug/kg	300	ND	10/27/93
2,4-Dinitrotoluene	ug/kg	300	ND	10/27/93
Diethylphthalate	ug/kg	300	ND	10/27/93
Fluorene	ug/kg	300	ND	10/27/93
4-Chlorophenylphenylether	ug/kg	300	ND	10/27/93
N-Nitrosodiphenylamine	ug/kg	300	ND	10/27/93
1,2-Diphenylhydrazine	ug/kg	300	ND	10/27/93
4-Bromophenylphenylether	ug/kg	300	ND	10/27/93
Hexachlorobenzene	ug/kg	300	ND	10/27/93
Phenanthrene	ug/kg	300	ND	10/27/93
Anthracene	ug/kg	300	ND	10/27/93
Di-n-butylphthalate	ug/kg	300	ND	10/27/93
Fluoranthene	ug/kg	300	ND	10/27/93
Pyrene	ug/kg	300	ND	10/27/93
Butylbenzylphthalate	ug/kg	300	ND	10/27/93
Benzo(a)anthracene	ug/kg	300	ND	10/27/93
3,3'-Dichlorobenzidine	ug/kg	600	ND	10/27/93
Chrysene	ug/kg	300	ND	10/27/93
Bis(2-ethylhexyl)phthalate	ug/kg	300	ND	10/27/93
Di-n-octylphthalate	ug/kg	300	ND	10/27/93
Benzo(b)fluoranthene	ug/kg	300	ND	10/27/93
Benzo(k)fluoranthene	ug/kg	300	ND	10/27/93
Benzo(a)pyrene	ug/kg	300	ND	10/27/93
Indeno(1,2,3-cd)pyrene	ug/kg	300	ND	10/27/93
Dibenz(a,h)anthracene	ug/kg	300	ND	10/27/93
Benzo(g,h,i)perylene	ug/kg	300	ND	10/27/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178258	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H2	
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
Phenol	ug/kg	300	ND	10/27/93
2-Chlorophenol	ug/kg	300	ND	10/27/93
2-Methylphenol	ug/kg	300	ND	10/27/93
4-Methylphenol	ug/kg	300	ND	10/27/93
2-Nitrophenol	ug/kg	300	ND	10/27/93
2,4-Dimethylphenol	ug/kg	300	ND	10/27/93
Benzoic Acid	ug/kg	1500	ND	10/27/93
2,4-Dichlorophenol	ug/kg	300	ND	10/27/93
4-Chloro-3-methylphenol	ug/kg	300	ND	10/27/93
2,4,6-Trichlorophenol	ug/kg	300	ND	10/27/93
2,4,5-Trichlorophenol	ug/kg	300	ND	10/27/93
2,4-Dinitrophenol	ug/kg	1500	ND	10/27/93
4-Nitrophenol	ug/kg	1500	ND	10/27/93
4,6-Dinitro-2-methylphenol	ug/kg	1500	ND	10/27/93
Pentachlorophenol	ug/kg	300	ND	10/27/93
Nitrobenzene-d5 (Surrogate Recovery)			80%	10/27/93
2-Fluorobiphenyl(Surrogate Recovery)			89%	10/27/93
Terphenyl-d14 (Surrogate Recovery)			154%	10/27/93
2-Fluorophenol (Surrogate Recovery)			54%	10/27/93
Phenol-d6 (Surrogate Recovery)			69%	10/27/93
2,4,6-Tribromophenol(Surrogate Recovery)			87%	10/27/93
Date Extracted			10/25/93	

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REPORT OF LABORATORY ANALYSIS

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178266	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H3	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
OIL AND GREASE, SILICA GEL (LUFT)				
Oil and Grease, Gravimetric (SM5520)	mg/kg wet	50	ND	10/27/93
Date Extracted			10/25/93	
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
Chloromethane	ug/kg	10	ND	10/25/93
Vinyl Chloride	ug/kg	10	ND	10/25/93
Bromomethane	ug/kg	10	ND	10/25/93
Chloroethane	ug/kg	10	ND	10/25/93
Trichlorofluoromethane	ug/kg	5	ND	10/25/93
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/kg	5	ND	10/25/93
2-Butanone (MEK)	ug/kg	50	ND	10/25/93
1,1-Dichloroethene	ug/kg	5	ND	10/25/93
Carbon Disulfide	ug/kg	5	ND	10/25/93
Acetone	ug/kg	50	ND	10/25/93
Methylene Chloride	ug/kg	10	ND	10/25/93
trans-1,2-Dichloroethene	ug/kg	5	ND	10/25/93
cis-1,2-Dichlorethene	ug/kg	5	ND	10/25/93
1,1-Dichloroethane	ug/kg	5	ND	10/25/93
Chloroform	ug/kg	5	ND	10/25/93
1,1,1-Trichloroethane	ug/kg	5	ND	10/25/93
1,2-Dichloroethane	ug/kg	5	ND	10/25/93
Carbon Tetrachloride	ug/kg	5	ND	10/25/93
Benzene	ug/kg	5	ND	10/25/93
1,2-Dichloropropane	ug/kg	5	ND	10/25/93
Trichloroethene	ug/kg	5	ND	10/25/93
Bromodichloromethane	ug/kg	5	ND	10/25/93
trans-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND	10/25/93
Toluene	ug/kg	5	ND	10/25/93
cis-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
1,1,2-Trichloroethane	ug/kg	5	ND	10/25/93
Dibromochloromethane	ug/kg	5	ND	10/25/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178266	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H3	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
2-Hexanone	ug/kg	50	ND	10/25/93
Tetrachloroethene	ug/kg	5	ND	10/25/93
Chlorobenzene	ug/kg	5	ND	10/25/93
Ethylbenzene	ug/kg	5	ND	10/25/93
Bromoform	ug/kg	5	ND	10/25/93
Xylene(s) Total	ug/kg	5	ND	10/25/93
Styrene	ug/kg	5	ND	10/25/93
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND	10/25/93
1,3-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,4-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichloroethane-d4 (Surrog. Recovery)	%		102	10/25/93
Toluene-d8 (Surrogate Recovery)	%		111	10/25/93
4-Bromofluorobenzene (Surrog. Recovery)	%		85	10/25/93
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
N-Nitrosodimethylamine	ug/kg	300	ND	10/26/93
Bis(2-chloroethyl) ether	ug/kg	300	ND	10/26/93
1,3-Dichlorobenzene	ug/kg	300	ND	10/26/93
Benzyl Alcohol	ug/kg	300	ND	10/26/93
1,4-Dichlorobenzene	ug/kg	300	ND	10/26/93
1,2-Dichlorobenzene	ug/kg	300	ND	10/26/93
Bis(2-chloroisopropyl) ether	ug/kg	300	ND	10/26/93
N-Nitroso-di-n-propylamine	ug/kg	300	ND	10/26/93
Hexachloroethane	ug/kg	300	ND	10/26/93
Nitrobenzene	ug/kg	300	ND	10/26/93
Bis(2-chloroethoxy)methane	ug/kg	300	ND	10/26/93
1,2,4-Trichlorobenzene	ug/kg	300	ND	10/26/93
Naphthalene	ug/kg	300	ND	10/26/93
Hexachlorobutadiene	ug/kg	300	ND	10/26/93
2-Methylnaphthalene	ug/kg	300	ND	10/26/93
Hexachlorocyclopentadiene	ug/kg	300	ND	10/26/93

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Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178266	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H3	
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
2-Chloronaphthalene	ug/kg	300	ND	10/26/93
Dimethylphthalate	ug/kg	300	ND	10/26/93
Acenaphthylene	ug/kg	300	ND	10/26/93
2,6-Dinitrotoluene	ug/kg	300	ND	10/26/93
Acenaphthene	ug/kg	300	ND	10/26/93
Dibenzofuran	ug/kg	300	ND	10/26/93
2,4-Dinitrotoluene	ug/kg	300	ND	10/26/93
Diethylphthalate	ug/kg	300	ND	10/26/93
Fluorene	ug/kg	300	ND	10/26/93
4-Chlorophenylphenylether	ug/kg	300	ND	10/26/93
N-Nitrosodiphenylamine	ug/kg	300	ND	10/26/93
1,2-Diphenylhydrazine	ug/kg	300	ND	10/26/93
4-Bromophenylphenylether	ug/kg	300	ND	10/26/93
Hexachlorobenzene	ug/kg	300	ND	10/26/93
Phenanthrene	ug/kg	300	ND	10/26/93
Anthracene	ug/kg	300	ND	10/26/93
Di-n-butylphthalate	ug/kg	300	440 (1)	10/26/93
Fluoranthene	ug/kg	300	ND	10/26/93
Pyrene	ug/kg	300	ND	10/26/93
Butylbenzylphthalate	ug/kg	300	ND	10/26/93
Benzo(a)anthracene	ug/kg	300	ND	10/26/93
3,3'-Dichlorobenzidine	ug/kg	600	ND	10/26/93
Chrysene	ug/kg	300	ND	10/26/93
Bis(2-ethylhexyl)phthalate	ug/kg	300	ND	10/26/93
Di-n-octylphthalate	ug/kg	300	ND	10/26/93
Benzo(b)fluoranthene	ug/kg	300	ND	10/26/93
Benzo(k)fluoranthene	ug/kg	300	ND	10/26/93
Benzo(a)pyrene	ug/kg	300	ND	10/26/93
Indeno(1,2,3-cd)pyrene	ug/kg	300	ND	10/26/93
Dibenz(a,h)anthracene	ug/kg	300	ND	10/26/93
Benzo(g,h,i)perylene	ug/kg	300	ND	10/26/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178266	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-7.5-H3	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
Phenol	ug/kg	300	ND	10/26/93
2-Chlorophenol	ug/kg	300	ND	10/26/93
2-Methylphenol	ug/kg	300	ND	10/26/93
4-Methylphenol	ug/kg	300	ND	10/26/93
2-Nitrophenol	ug/kg	300	ND	10/26/93
2,4-Dimethylphenol	ug/kg	300	ND	10/26/93
Benzoic Acid	ug/kg	1500	ND	10/26/93
2,4-Dichlorophenol	ug/kg	300	ND	10/26/93
4-Chloro-3-methylphenol	ug/kg	300	ND	10/26/93
2,4,6-Trichlorophenol	ug/kg	300	ND	10/26/93
2,4,5-Trichlorophenol	ug/kg	300	ND	10/26/93
2,4-Dinitrophenol	ug/kg	1500	ND	10/26/93
4-Nitrophenol	ug/kg	1500	ND	10/26/93
4,6-Dinitro-2-methylphenol	ug/kg	1500	ND	10/26/93
Pentachlorophenol	ug/kg	300	ND	10/26/93
Nitrobenzene-d5 (Surrogate Recovery)			83%	10/26/93
2-Fluorobiphenyl(Surrogate Recovery)			79%	10/26/93
Terphenyl-d14 (Surrogate Recovery)			112%	10/26/93
2-Fluorophenol (Surrogate Recovery)			56%	10/26/93
Phenol-d6 (Surrogate Recovery)			65%	10/26/93
2,4,6-Tribromophenol(Surrogate Recovery)			85%	10/26/93
Date Extracted			10/25/93	

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Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL	70 0178274 10/20/93 10/21/93 S-WO-1	DATE ANALYZED
PACE Sample Number:				
Date Collected:				
Date Received:				
Client Sample ID:				
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Cadmium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND	10/26/93
Chromium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	25	10/26/93
Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	ND	10/26/93
Nickel (EPA Method 6010/200.7, ICP)	mg/kg wet	2	24	10/26/93
Zinc (EPA Method 6010/200.7, ICP)	mg/kg wet	1	22	10/26/93
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	ND	10/27/93
OIL AND GREASE, SILICA GEL (LUFT)				
Oil and Grease, Gravimetric (SM5520)	mg/kg wet	50	ND	10/27/93
Date Extracted			10/25/93	
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
Chloromethane	ug/kg	10	ND	10/25/93
Vinyl Chloride	ug/kg	10	ND	10/25/93
Bromomethane	ug/kg	10	ND	10/25/93
Chloroethane	ug/kg	10	ND	10/25/93
Trichlorofluoromethane	ug/kg	5	ND	10/25/93
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/kg	5	ND	10/25/93
2-Butanone (MEK)	ug/kg	50	ND	10/25/93
1,1-Dichloroethene	ug/kg	5	ND	10/25/93
Carbon Disulfide	ug/kg	5	ND	10/25/93
Acetone	ug/kg	50	ND	10/25/93
Methylene Chloride	ug/kg	10	ND	10/25/93
trans-1,2-Dichloroethene	ug/kg	5	ND	10/25/93

REPORT OF LABORATORY ANALYSIS

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178274	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-WO-1	
ORGANIC ANALYSIS				
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
cis-1,2-Dichlorethene	ug/kg	5	ND	10/25/93
1,1-Dichloroethane	ug/kg	5	ND	10/25/93
Chloroform	ug/kg	5	ND	10/25/93
1,1,1-Trichloroethane	ug/kg	5	ND	10/25/93
1,2-Dichloroethane	ug/kg	5	ND	10/25/93
Carbon Tetrachloride	ug/kg	5	ND	10/25/93
Benzene	ug/kg	5	ND	10/25/93
1,2-Dichloropropane	ug/kg	5	ND	10/25/93
Trichloroethene	ug/kg	5	ND	10/25/93
Bromodichloromethane	ug/kg	5	ND	10/25/93
trans-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND	10/25/93
Toluene	ug/kg	5	ND	10/25/93
cis-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
1,1,2-Trichloroethane	ug/kg	5	ND	10/25/93
Dibromochloromethane	ug/kg	5	ND	10/25/93
2-Hexanone	ug/kg	50	ND	10/25/93
Tetrachloroethene	ug/kg	5	ND	10/25/93
Chlorobenzene	ug/kg	5	ND	10/25/93
Ethylbenzene	ug/kg	5	ND	10/25/93
Bromoform	ug/kg	5	ND	10/25/93
Xylene(s) Total	ug/kg	5	ND	10/25/93
Styrene	ug/kg	5	ND	10/25/93
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND	10/25/93
1,3-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,4-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichloroethane-d4 (Surrog. Recovery)	%		101	10/25/93
Toluene-d8 (Surrogate Recovery)	%		103	10/25/93
4-Bromofluorobenzene (Surrog. Recovery)	%		92	10/25/93

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Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178274	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-WO-1	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
N-Nitrosodimethylamine	ug/kg	300	ND	10/26/93
Bis(2-chloroethyl) ether	ug/kg	300	ND	10/26/93
1,3-Dichlorobenzene	ug/kg	300	ND	10/26/93
Benzyl Alcohol	ug/kg	300	ND	10/26/93
1,4-Dichlorobenzene	ug/kg	300	ND	10/26/93
1,2-Dichlorobenzene	ug/kg	300	ND	10/26/93
Bis(2-chloroisopropyl) ether	ug/kg	300	ND	10/26/93
N-Nitroso-di-n-propylamine	ug/kg	300	ND	10/26/93
Hexachloroethane	ug/kg	300	ND	10/26/93
Nitrobenzene	ug/kg	300	ND	10/26/93
Bis(2-chloroethoxy)methane	ug/kg	300	ND	10/26/93
1,2,4-Trichlorobenzene	ug/kg	300	ND	10/26/93
Naphthalene	ug/kg	300	ND	10/26/93
Hexachlorobutadiene	ug/kg	300	ND	10/26/93
2-Methylnaphthalene	ug/kg	300	ND	10/26/93
Hexachlorocyclopentadiene	ug/kg	300	ND	10/26/93
2-Chloronaphthalene	ug/kg	300	ND	10/26/93
Dimethylphthalate	ug/kg	300	ND	10/26/93
Acenaphthylene	ug/kg	300	ND	10/26/93
2,6-Dinitrotoluene	ug/kg	300	ND	10/26/93
Acenaphthene	ug/kg	300	ND	10/26/93
Dibenzofuran	ug/kg	300	ND	10/26/93
2,4-Dinitrotoluene	ug/kg	300	ND	10/26/93
Diethylphthalate	ug/kg	300	ND	10/26/93
Fluorene	ug/kg	300	ND	10/26/93
4-Chlorophenylphenylether	ug/kg	300	ND	10/26/93
N-Nitrosodiphenylamine	ug/kg	300	ND	10/26/93
1,2-Diphenylhydrazine	ug/kg	300	ND	10/26/93
4-Bromophenylphenylether	ug/kg	300	ND	10/26/93
Hexachlorobenzene	ug/kg	300	ND	10/26/93
Phenanthrene	ug/kg	300	ND	10/26/93

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL	70 0178274	DATE ANALYZED
PACE Sample Number:			70 0178274	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-WO-1	
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
Anthracene	ug/kg	300	ND	10/26/93
Di-n-butylphthalate	ug/kg	300	1300 (1)	10/26/93
Fluoranthene	ug/kg	300	ND	10/26/93
Pyrene	ug/kg	300	ND	10/26/93
Butylbenzylphthalate	ug/kg	300	ND	10/26/93
Benzo(a)anthracene	ug/kg	300	ND	10/26/93
3,3'-Dichlorobenzidine	ug/kg	600	ND	10/26/93
Chrysene	ug/kg	300	ND	10/26/93
Bis(2-ethylhexyl)phthalate	ug/kg	300	ND	10/26/93
Di-n-octylphthalate	ug/kg	300	ND	10/26/93
Benzo(b)fluoranthene	ug/kg	300	ND	10/26/93
Benzo(k)fluoranthene	ug/kg	300	ND	10/26/93
Benzo(a)pyrene	ug/kg	300	ND	10/26/93
Indeno(1,2,3-cd)pyrene	ug/kg	300	ND	10/26/93
Dibenz(a,h)anthracene	ug/kg	300	ND	10/26/93
Benzo(g,h,i)perylene	ug/kg	300	ND	10/26/93
Phenol	ug/kg	300	ND	10/26/93
2-Chlorophenol	ug/kg	300	ND	10/26/93
2-Methylphenol	ug/kg	300	ND	10/26/93
4-Methylphenol	ug/kg	300	ND	10/26/93
2-Nitrophenol	ug/kg	300	ND	10/26/93
2,4-Dimethylphenol	ug/kg	300	ND	10/26/93
Benzoic Acid	ug/kg	1500	ND	10/26/93
2,4-Dichlorophenol	ug/kg	300	ND	10/26/93
4-Chloro-3-methylphenol	ug/kg	300	ND	10/26/93
2,4,6-Trichlorophenol	ug/kg	300	ND	10/26/93
2,4,5-Trichlorophenol	ug/kg	300	ND	10/26/93
2,4-Dinitrophenol	ug/kg	1500	ND	10/26/93
4-Nitrophenol	ug/kg	1500	ND	10/26/93
4,6-Dinitro-2-methylphenol	ug/kg	1500	ND	10/26/93
Pentachlorophenol	ug/kg	300	ND	10/26/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178274	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-WO-1	
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
Nitrobenzene-d5 (Surrogate Recovery)			88%	10/26/93
2-Fluorobiphenyl(Surrogate Recovery)			88%	10/26/93
Terphenyl-d14 (Surrogate Recovery)			111%	10/26/93
2-Fluorophenol (Surrogate Recovery)			58%	10/26/93
Phenol-d6 (Surrogate Recovery)			69%	10/26/93
2,4,6-Tribromophenol(Surrogate Recovery)			96%	10/26/93
Date Extracted			10/25/93	
EXTRACTABLE FUELS EPA 3550/8015				
Extractable Fuels, as Diesel	mg/kg	5.0	ND	10/27/93
Date Extracted			10/25/93	

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REPORT OF LABORATORY ANALYSIS

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178282	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-3-PL1	
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	ND	10/27/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL		DATE ANALYZED
PACE Sample Number:			70 0178290	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-3-PL2	
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	ND	10/27/93

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Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178304	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-3-PL3	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/28/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/93
Benzene	ug/kg wet	5.0	ND	10/28/93
Toluene	ug/kg wet	5.0	ND	10/28/93
Ethylbenzene	ug/kg wet	5.0	ND	10/28/93
Xylenes, Total	ug/kg wet	5.0	ND	10/28/93

REPORT OF LABORATORY ANALYSIS

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178312	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			S-3-PL4	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	5.8	10/27/93

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REPORT OF LABORATORY ANALYSIS

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178371	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP1-A +B+C+D	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
Chloromethane	ug/kg	10	ND	10/25/93
Vinyl Chloride	ug/kg	10	ND	10/25/93
Bromomethane	ug/kg	10	ND	10/25/93
Chloroethane	ug/kg	10	ND	10/25/93
Trichlorofluoromethane	ug/kg	5	ND	10/25/93
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/kg	5	ND	10/25/93
2-Butanone (MEK)	ug/kg	50	ND	10/25/93
1,1-Dichloroethene	ug/kg	5	ND	10/25/93
Carbon Disulfide	ug/kg	5	ND	10/25/93
Acetone	ug/kg	50	ND	10/25/93
Methylene Chloride	ug/kg	10	ND	10/25/93
trans-1,2-Dichloroethene	ug/kg	5	ND	10/25/93
cis-1,2-Dichlorethene	ug/kg	5	ND	10/25/93
1,1-Dichloroethane	ug/kg	5	ND	10/25/93
Chloroform	ug/kg	5	ND	10/25/93
1,1,1-Trichloroethane	ug/kg	5	ND	10/25/93
1,2-Dichloroethane	ug/kg	5	ND	10/25/93
Carbon Tetrachloride	ug/kg	5	ND	10/25/93
Benzene	ug/kg	5	ND	10/25/93
1,2-Dichloropropane	ug/kg	5	ND	10/25/93
Trichloroethene	ug/kg	5	ND	10/25/93
Bromodichloromethane	ug/kg	5	ND	10/25/93
trans-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND	10/25/93
Toluene	ug/kg	5	ND	10/25/93
cis-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
1,1,2-Trichloroethane	ug/kg	5	ND	10/25/93
Dibromochloromethane	ug/kg	5	ND	10/25/93
2-Hexanone	ug/kg	50	ND	10/25/93
Tetrachloroethene	ug/kg	5	ND	10/25/93
Chlorobenzene	ug/kg	5	ND	10/25/93

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PACE Sample Number:			70 0178371	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP1-A +B+C+D	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
Ethylbenzene	ug/kg	5	ND	10/25/93
Bromoform	ug/kg	5	ND	10/25/93
Xylene(s) Total	ug/kg	5	ND	10/25/93
Styrene	ug/kg	5	ND	10/25/93
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND	10/25/93
1,3-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,4-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichloroethane-d4 (Surrog. Recovery)	%		100	10/25/93
Toluene-d8 (Surrogate Recovery)	%		109	10/25/93
4-Bromofluorobenzene (Surrog. Recovery)	%		86	10/25/93
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
N-Nitrosodimethylamine	ug/kg	300	ND	10/27/93
Bis(2-chloroethyl) ether	ug/kg	300	ND	10/27/93
1,3-Dichlorobenzene	ug/kg	300	ND	10/27/93
Benzyl Alcohol	ug/kg	300	ND	10/27/93
1,4-Dichlorobenzene	ug/kg	300	ND	10/27/93
1,2-Dichlorobenzene	ug/kg	300	ND	10/27/93
Bis(2-chloroisopropyl) ether	ug/kg	300	ND	10/27/93
N-Nitroso-di-n-propylamine	ug/kg	300	ND	10/27/93
Hexachloroethane	ug/kg	300	ND	10/27/93
Nitrobenzene	ug/kg	300	ND	10/27/93
Bis(2-chloroethoxy)methane	ug/kg	300	ND	10/27/93
1,2,4-Trichlorobenzene	ug/kg	300	ND	10/27/93
Naphthalene	ug/kg	300	ND	10/27/93
Hexachlorobutadiene	ug/kg	300	ND	10/27/93
2-Methylnaphthalene	ug/kg	300	ND	10/27/93
Hexachlorocyclopentadiene	ug/kg	300	ND	10/27/93
2-Chloronaphthalene	ug/kg	300	ND	10/27/93
Dimethylphthalate	ug/kg	300	ND	10/27/93
Acenaphthylene	ug/kg	300	ND	10/27/93

PACE Sample Number:			70 0178371	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP1-A +B+C+D	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
2,6-Dinitrotoluene	ug/kg	300	ND	10/27/93
Acenaphthene	ug/kg	300	ND	10/27/93
Dibenzofuran	ug/kg	300	ND	10/27/93
2,4-Dinitrotoluene	ug/kg	300	ND	10/27/93
Diethylphthalate	ug/kg	300	ND	10/27/93
Fluorene	ug/kg	300	ND	10/27/93
4-Chlorophenylphenylether	ug/kg	300	ND	10/27/93
N-Nitrosodiphenylamine	ug/kg	300	ND	10/27/93
1,2-Diphenylhydrazine	ug/kg	300	ND	10/27/93
4-Bromophenylphenylether	ug/kg	300	ND	10/27/93
Hexachlorobenzene	ug/kg	300	ND	10/27/93
Phenanthrene	ug/kg	300	ND	10/27/93
Anthracene	ug/kg	300	ND	10/27/93
Di-n-butylphthalate	ug/kg	300	1400 (1)	10/27/93
Fluoranthene	ug/kg	300	ND	10/27/93
Pyrene	ug/kg	300	ND	10/27/93
Butylbenzylphthalate	ug/kg	300	ND	10/27/93
Benzo(a)anthracene	ug/kg	300	ND	10/27/93
3,3'-Dichlorobenzidine	ug/kg	600	ND	10/27/93
Chrysene	ug/kg	300	ND	10/27/93
Bis(2-ethylhexyl)phthalate	ug/kg	300	ND	10/27/93
Di-n-octylphthalate	ug/kg	300	ND	10/27/93
Benzo(b)fluoranthene	ug/kg	300	ND	10/27/93
Benzo(k)fluoranthene	ug/kg	300	ND	10/27/93
Benzo(a)pyrene	ug/kg	300	ND	10/27/93
Indeno(1,2,3-cd)pyrene	ug/kg	300	ND	10/27/93
Dibenz(a,h)anthracene	ug/kg	300	ND	10/27/93
Benzo(g,h,i)perylene	ug/kg	300	ND	10/27/93
Phenol	ug/kg	300	ND	10/27/93
2-Chlorophenol	ug/kg	300	ND	10/27/93
2-Methylphenol	ug/kg	300	ND	10/27/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178371	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP1-A +B+C+D	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
4-Methylphenol	ug/kg	300	ND	10/27/93
2-Nitrophenol	ug/kg	300	ND	10/27/93
2,4-Dimethylphenol	ug/kg	300	ND	10/27/93
Benzoic Acid	ug/kg	1500	ND	10/27/93
2,4-Dichlorophenol	ug/kg	300	ND	10/27/93
4-Chloro-3-methylphenol	ug/kg	300	ND	10/27/93
2,4,6-Trichlorophenol	ug/kg	300	ND	10/27/93
2,4,5-Trichlorophenol	ug/kg	300	ND	10/27/93
2,4-Dinitrophenol	ug/kg	1500	ND	10/27/93
4-Nitrophenol	ug/kg	1500	ND	10/27/93
4,6-Dinitro-2-methylphenol	ug/kg	1500	ND	10/27/93
Pentachlorophenol	ug/kg	300	ND	10/27/93
Nitrobenzene-d5 (Surrogate Recovery)			71%	10/27/93
2-Fluorobiphenyl(Surrogate Recovery)			78%	10/27/93
Terphenyl-d14 (Surrogate Recovery)			142%	10/27/93
2-Fluorophenol (Surrogate Recovery)			48%	10/27/93
Phenol-d6 (Surrogate Recovery)			61%	10/27/93
2,4,6-Tribromophenol(Surrogate Recovery)			81%	10/27/93
Date Extracted			10/25/93	
TPH MOTOR OIL, BY EPA METHOD 8015				
Extractable Fuels, as Motor Oil	mg/kg	5.0	76	10/26/93
Date Extracted			10/25/93	

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178398	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP1E+ 2E+3M+3N	
Parameter	Units	MDL	Composite	DATE ANALYZED
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Corrosivity (pH)	Units	0.1	8.9	10/26/93
Cyanide, Reactive	mg/kg	0.5	ND	10/28/93
Flash Point, Closed Cup	Degrees C	25	>60 (FL)	10/26/93
Sulfide, Reactive	mg/kg	0.5	ND	11/02/93

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REPORT OF LABORATORY ANALYSIS

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178401	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP3-E +F+G+H	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	ND	10/27/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178428	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP3-I +J+K+L	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	ND	10/27/93

PACE Sample Number:			70 0178495	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP2-A +B+C+D	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
OIL AND GREASE, SILICA GEL (LUFT)				
Oil and Grease, Gravimetric (SM5520)	mg/kg wet	50	93	10/27/93
Date Extracted			10/25/93	
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
Chloromethane	ug/kg	10	ND	10/25/93
Vinyl Chloride	ug/kg	10	ND	10/25/93
Bromomethane	ug/kg	10	ND	10/25/93
Chloroethane	ug/kg	10	ND	10/25/93
Trichlorofluoromethane	ug/kg	5	ND	10/25/93
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/kg	5	ND	10/25/93
2-Butanone (MEK)	ug/kg	50	ND	10/25/93
1,1-Dichloroethene	ug/kg	5	ND	10/25/93
Carbon Disulfide	ug/kg	5	ND	10/25/93
Acetone	ug/kg	50	ND	10/25/93
Methylene Chloride	ug/kg	10	ND	10/25/93
trans-1,2-Dichloroethene	ug/kg	5	ND	10/25/93
cis-1,2-Dichlorethene	ug/kg	5	ND	10/25/93
1,1-Dichloroethane	ug/kg	5	ND	10/25/93
Chloroform	ug/kg	5	ND	10/25/93
1,1,1-Trichloroethane	ug/kg	5	ND	10/25/93
1,2-Dichloroethane	ug/kg	5	ND	10/25/93
Carbon Tetrachloride	ug/kg	5	ND	10/25/93
Benzene	ug/kg	5	ND	10/25/93
1,2-Dichloropropane	ug/kg	5	ND	10/25/93
Trichloroethene	ug/kg	5	ND	10/25/93
Bromodichloromethane	ug/kg	5	ND	10/25/93
trans-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND	10/25/93
Toluene	ug/kg	5	ND	10/25/93
cis-1,3-Dichloropropene	ug/kg	5	ND	10/25/93
1,1,2-Trichloroethane	ug/kg	5	ND	10/25/93

Client Reference: Exxon 7-7003 (CM)

Parameter	Units	MDL	Composite	DATE ANALYZED
PACE Sample Number:			70 0178495	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP2-A +B+C+D	
ORGANIC ANALYSIS				
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS				
Dibromochloromethane	ug/kg	5	ND	10/25/93
2-Hexanone	ug/kg	50	ND	10/25/93
Tetrachloroethene	ug/kg	5	ND	10/25/93
Chlorobenzene	ug/kg	5	ND	10/25/93
Ethylbenzene	ug/kg	5	ND	10/25/93
Bromoform	ug/kg	5	ND	10/25/93
Xylene(s) Total	ug/kg	5	ND	10/25/93
Styrene	ug/kg	5	ND	10/25/93
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND	10/25/93
1,3-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,4-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichlorobenzene	ug/kg	5	ND	10/25/93
1,2-Dichloroethane-d4 (Surrog. Recovery)	%		99	10/25/93
Toluene-d8 (Surrogate Recovery)	%		107	10/25/93
4-Bromofluorobenzene (Surrog. Recovery)	%		92	10/25/93
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
N-Nitrosodimethylamine	ug/kg	300	ND	10/27/93
Bis(2-chloroethyl) ether	ug/kg	300	ND	10/27/93
1,3-Dichlorobenzene	ug/kg	300	ND	10/27/93
Benzyl Alcohol	ug/kg	300	ND	10/27/93
1,4-Dichlorobenzene	ug/kg	300	ND	10/27/93
1,2-Dichlorobenzene	ug/kg	300	ND	10/27/93
Bis(2-chloroisopropyl) ether	ug/kg	300	ND	10/27/93
N-Nitroso-di-n-propylamine	ug/kg	300	ND	10/27/93
Hexachloroethane	ug/kg	300	ND	10/27/93
Nitrobenzene	ug/kg	300	ND	10/27/93
Bis(2-chloroethoxy)methane	ug/kg	300	ND	10/27/93
1,2,4-Trichlorobenzene	ug/kg	300	ND	10/27/93
Naphthalene	ug/kg	300	ND	10/27/93
Hexachlorobutadiene	ug/kg	300	ND	10/27/93

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PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178495	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP2-A +B+C+D	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
2-Methylnaphthalene	ug/kg	300	ND	10/27/93
Hexachlorocyclopentadiene	ug/kg	300	ND	10/27/93
2-Chloronaphthalene	ug/kg	300	ND	10/27/93
Dimethylphthalate	ug/kg	300	ND	10/27/93
Acenaphthylene	ug/kg	300	ND	10/27/93
2,6-Dinitrotoluene	ug/kg	300	ND	10/27/93
Acenaphthene	ug/kg	300	ND	10/27/93
Dibenzofuran	ug/kg	300	ND	10/27/93
2,4-Dinitrotoluene	ug/kg	300	ND	10/27/93
Diethylphthalate	ug/kg	300	ND	10/27/93
Fluorene	ug/kg	300	ND	10/27/93
4-Chlorophenylphenylether	ug/kg	300	ND	10/27/93
N-Nitrosodiphenylamine	ug/kg	300	ND	10/27/93
1,2-Diphenylhydrazine	ug/kg	300	ND	10/27/93
4-Bromophenylphenylether	ug/kg	300	ND	10/27/93
Hexachlorobenzene	ug/kg	300	ND	10/27/93
Phenanthrene	ug/kg	300	ND	10/27/93
Anthracene	ug/kg	300	ND	10/27/93
Di-n-butylphthalate	ug/kg	300	1100 (1)	10/27/93
Fluoranthene	ug/kg	300	ND	10/27/93
Pyrene	ug/kg	300	ND	10/27/93
Butylbenzylphthalate	ug/kg	300	ND	10/27/93
Benzo(a)anthracene	ug/kg	300	ND	10/27/93
3,3'-Dichlorobenzidine	ug/kg	600	ND	10/27/93
Chrysene	ug/kg	300	ND	10/27/93
Bis(2-ethylhexyl)phthalate	ug/kg	300	ND	10/27/93
Di-n-octylphthalate	ug/kg	300	ND	10/27/93
Benzo(b)fluoranthene	ug/kg	300	ND	10/27/93
Benzo(k)fluoranthene	ug/kg	300	ND	10/27/93
Benzo(a)pyrene	ug/kg	300	ND	10/27/93
Indeno(1,2,3-cd)pyrene	ug/kg	300	ND	10/27/93

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PACE Sample Number:			70 0178495	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP2-A +B+C+D	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)				
Dibenz(a,h)anthracene	ug/kg	300	ND	10/27/93
Benzo(g,h,i)perylene	ug/kg	300	ND	10/27/93
Phenol	ug/kg	300	ND	10/27/93
2-Chlorophenol	ug/kg	300	ND	10/27/93
2-Methylphenol	ug/kg	300	ND	10/27/93
4-Methylphenol	ug/kg	300	ND	10/27/93
2-Nitrophenol	ug/kg	300	ND	10/27/93
2,4-Dimethylphenol	ug/kg	300	ND	10/27/93
Benzoic Acid	ug/kg	1500	ND	10/27/93
2,4-Dichlorophenol	ug/kg	300	ND	10/27/93
4-Chloro-3-methylphenol	ug/kg	300	ND	10/27/93
2,4,6-Trichlorophenol	ug/kg	300	ND	10/27/93
2,4,5-Trichlorophenol	ug/kg	300	ND	10/27/93
2,4-Dinitrophenol	ug/kg	1500	ND	10/27/93
4-Nitrophenol	ug/kg	1500	ND	10/27/93
4,6-Dinitro-2-methylphenol	ug/kg	1500	ND	10/27/93
Pentachlorophenol	ug/kg	300	ND	10/27/93
Nitrobenzene-d5 (Surrogate Recovery)			75%	10/27/93
2-Fluorobiphenyl(Surrogate Recovery)			77%	10/27/93
Terphenyl-d14 (Surrogate Recovery)			127%	10/27/93
2-Fluorophenol (Surrogate Recovery)			55%	10/27/93
Phenol-d6 (Surrogate Recovery)			64%	10/27/93
2,4,6-Tribromophenol(Surrogate Recovery)			89%	10/27/93
Date Extracted			10/25/93	

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PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178525	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP3-A +B+C+D	
Parameter	Units	MDL	Composite	DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/27/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/kg wet	1000	ND	10/27/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/27/93
Benzene	ug/kg wet	5.0	ND	10/27/93
Toluene	ug/kg wet	5.0	ND	10/27/93
Ethylbenzene	ug/kg wet	5.0	ND	10/27/93
Xylenes, Total	ug/kg wet	5.0	13	10/27/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178380	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP1-A +B+C+D	
Parameter	Units	MDL	CAM-EX	DATE ANALYZED
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Antimony (EPA Method 7041, Furnace AAS)	mg/L	0.05	ND	11/05/93
Arsenic (EPA Method 7060, Furnace AAS)	mg/L	0.05	ND	11/05/93
Lead (EPA Method 7421, Graphite Furnace)	mg/L	0.03	0.49	11/03/93
Mercury (EPA Method 7470, Cold Vapor AA)	mg/L	0.002	ND	10/28/93
Selenium (EPA Method 7740, Furnace AAS)	mg/L	0.05	ND	11/04/93
Thallium (EPA Method 7841, Furnace AAS)	mg/L	0.05	ND	11/04/93
CAM METALS IN AQUEOUS MATRIX, ICP SCAN				
Barium (EPA Method 6010/200.7, ICP)	mg/L	0.10	4.3	10/28/93
Beryllium (EPA Method 6010/200.7, ICP)	mg/L	0.070	ND	10/28/93
Cadmium (EPA Method 6010/200.7, ICP)	mg/L	0.050	ND	10/28/93
Chromium (EPA Method 6010/200.7, ICP)	mg/L	0.10	ND	10/28/93
Cobalt (EPA Method 6010/200.7, ICP)	mg/L	0.10	0.19	10/28/93
Copper (EPA Method 6010/200.7, ICP)	mg/L	0.10	0.16	10/28/93
Molybdenum (EPA Method 6010/200.7, ICP)	mg/L	0.20	ND	10/28/93
Nickel (EPA Method 6010/200.7, ICP)	mg/L	0.20	0.43	10/28/93
Silver (EPA Method 6010/200.7, ICP)	mg/L	0.10	ND	10/28/93
Vanadium (EPA Method 6010/200.7, ICP)	mg/L	0.10	0.18	10/28/93
Zinc (EPA Method 6010/200.7, ICP)	mg/L	0.10	1.6	10/28/93

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PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178410	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP3-E +F+G+H	
Parameter	Units	MDL	CAM-EX	DATE ANALYZED
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Lead (EPA Method 7421, Graphite Furnace)	mg/L	0.03	0.52	11/03/93

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178452	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP3-I +J+K+L	
Parameter	Units	MDL	CAM-EX	DATE ANALYZED
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Lead (EPA Method 7421, Graphite Furnace)	mg/L	0.03	0.17	11/03/93

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PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PACE Sample Number:			70 0178533	
Date Collected:			10/20/93	
Date Received:			10/21/93	
Client Sample ID:			1020-SP3-A +B+C+D	
Parameter	Units	MDL	CAM-EX	DATE ANALYZED
INORGANIC ANALYSIS				
INDIVIDUAL PARAMETERS				
Lead (EPA Method 7421, Graphite Furnace)	mg/L	0.03	0.31	11/03/93

These data have been reviewed and are approved for release.

Darrell C. Cain
Regional Director

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FOOTNOTES
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PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

>	Greater than reported value.
MDL	Method Detection Limit
ND	Not detected at or above the MDL.
(1)	Analyte is found in the associated blank as well as in the sample.
(FL)	Please note there is no California DHS approved EPA method for flash point in soils. A modification of method 1010 was used.

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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Antimony (EPA Method 7041, Furnace AAS)
Batch: 70 26198
Samples: 70 0178380

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Antimony (EPA Method 7041, Furnace AAS)	mg/L	0.005	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Antimony (EPA Method 7041, Furnace AAS)	mg/L	0.005	0.100	88%	81%	8%

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Client Reference: Exxon 7-7003 (CM)

Arsenic (EPA Method 7060, Furnace AAS)
Batch: 70 26219
Samples: 70 0178380

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Arsenic (EPA Method 7060, Furnace AAS)	mg/L	0.005	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Arsenic (EPA Method 7060, Furnace AAS)	mg/L	0.005	0.040	95%	88%	7%

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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Corrosivity (pH)
Batch: 70 25874
Samples: 70 0178398

SAMPLE DUPLICATE:

Parameter	Units	MDL	700178398 1020-SP1E+ 2E+3M+3N Composite	Duplicate of 70 0178398	RPD
Corrosivity (pH)	Units	0.1	8.9	8.8	1%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Corrosivity (pH)	Units	0.1	7.0	100%	101%	0%

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QUALITY CONTROL DATA

November 08, 1993
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Client Reference: Exxon 7-7003 (CM)

Cyanide, Reactive
Batch: 70 25985
Samples: 70 0178398

METHOD BLANK AND SAMPLE DUPLICATE:

Parameter	Units	MDL	Method Blank	700174791	Duplicate of 70 0174791	RPD
Cyanide, Reactive	mg/kg	0.5	ND	ND	ND	NC

LABORATORY CONTROL SAMPLE:

Parameter	Units	MDL	Reference Value	Recv
Cyanide, Reactive	mg/kg	0.5	1000	10%

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Client Reference: Exxon 7-7003 (CM)

Flash Point, Closed Cup
Batch: 70 25881
Samples: 70 0178398

SAMPLE DUPLICATE:

Parameter	Units	MDL	700178398 1020-SP1E+ 2E+3M+3N Composite	Duplicate of 70 0178398
Flash Point, Closed Cup	Degrees C	25	>60	>60

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Flash Point, Closed Cup	Degrees C	25	30	100%	100%	0%

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QUALITY CONTROL DATA

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PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Lead (EPA Method 7421, Graphite Furnace)
Batch: 70 26131
Samples: 70 0178380, 70 0178410, 70 0178452, 70 0178533

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Lead (EPA Method 7421, Graphite Furnace	mg/L	0.003	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Lead (EPA Method 7421, Graphite Furnace	mg/L	0.003	0.020	95%	90%	5%

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QUALITY CONTROL DATA

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PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Mercury (EPA Method 7470, Cold Vapor AA)
Batch: 70 25972
Samples: 70 0178380

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Mercury (EPA Method 7470, Cold Vapor AA	mg/L	0.0002	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Mercury (EPA Method 7470, Cold Vapor AA	mg/L	0.0002	0.01	98%	100%	2%

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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Selenium (EPA Method 7740, Furnace AAS)
Batch: 70 26162
Samples: 70 0178380

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Selenium (EPA Method 7740, Furnace AAS)	mg/L	0.005	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Selenium (EPA Method 7740, Furnace AAS)	mg/L	0.005	0.010	94%	99%	5%

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November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Sulfide, Reactive
Batch: 70 26114
Samples: 70 0178398

METHOD BLANK AND SAMPLE DUPLICATE:

Parameter	Units	MDL	Method Blank	701770002	Duplicate of 70 1770002	RPD
Sulfide, Reactive	mg/kg	0.5	ND	ND	ND	NC

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Sulfide, Reactive	mg/kg	0.5	533	68%	70%	2%

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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

Thallium (EPA Method 7841, Furnace AAS)
Batch: 70 26158
Samples: 70 0178380

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Thallium (EPA Method 7841, Furnace AAS)	mg/L	0.005	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Thallium (EPA Method 7841, Furnace AAS)	mg/L	0.005	0.050	108%	100%	7%

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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

CAM METALS IN AQUEOUS MATRIX, ICP SCAN
Batch: 70 25988
Samples: 70 0178380

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Antimony (EPA Method 6010/200.7, ICP)	mg/L	0.06	ND
Barium (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND
Beryllium (EPA Method 6010/200.7, ICP)	mg/L	0.007	ND
Cadmium (EPA Method 6010/200.7, ICP)	mg/L	0.005	ND
Chromium (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND
Cobalt (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND
Copper (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND
Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	ND
Molybdenum (EPA Method 6010/200.7, ICP)	mg/L	0.02	ND
Nickel (EPA Method 6010/200.7, ICP)	mg/L	0.02	ND
Silver (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND
Thallium (EPA Method 6010/200.7, ICP)	mg/L	0.2	ND
Vanadium (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND
Zinc (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Antimony (EPA Method 6010/200.7, ICP)	mg/L	0.06	0.50	96%	98%	2%
Barium (EPA Method 6010/200.7, ICP)	mg/L	0.01	2.0	100%	100%	0%
Beryllium (EPA Method 6010/200.7, ICP)	mg/L	0.007	0.050	92%	92%	0%
Cadmium (EPA Method 6010/200.7, ICP)	mg/L	0.005	0.050	98%	102%	4%
Chromium (EPA Method 6010/200.7, ICP)	mg/L	0.01	0.20	95%	95%	0%
Cobalt (EPA Method 6010/200.7, ICP)	mg/L	0.01	0.50	104%	104%	0%
Copper (EPA Method 6010/200.7, ICP)	mg/L	0.01	0.25	100%	100%	0%
Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	0.50	104%	106%	1%
Molybdenum (EPA Method 6010/200.7, ICP)	mg/L	0.02	1.0	94%	96%	2%
Nickel (EPA Method 6010/200.7, ICP)	mg/L	0.02	0.50	102%	104%	1%
Silver (EPA Method 6010/200.7, ICP)	mg/L	0.01	0.050	98%	98%	0%
Thallium (EPA Method 6010/200.7, ICP)	mg/L	0.2	2.0	95%	95%	0%
Vanadium (EPA Method 6010/200.7, ICP)	mg/L	0.01	0.50	94%	96%	2%
Zinc (EPA Method 6010/200.7, ICP)	mg/L	0.01	0.50	104%	104%	0%

Client Reference: Exxon 7-7003 (CM)

CAM METALS IN SOIL MATRIX, ICP SCAN
Batch: 70 25892
Samples: 70 0178274

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Barium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Beryllium (EPA Method 6010/200.7, ICP)	mg/kg wet	0.7	ND
Cadmium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Chromium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Cobalt (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Copper (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	ND
Molybdenum (EPA Method 6010/200.7, ICP)	mg/kg wet	2	ND
Nickel (EPA Method 6010/200.7, ICP)	mg/kg wet	2	ND
Silver (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Vanadium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Zinc (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Barium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	200	85%	90%	5%
Beryllium (EPA Method 6010/200.7, ICP)	mg/kg wet	0.7	5.0	86%	86%	0%
Cadmium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	5.0	88%	84%	4%
Chromium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	20	90%	90%	0%
Cobalt (EPA Method 6010/200.7, ICP)	mg/kg wet	1	50	90%	92%	2%
Copper (EPA Method 6010/200.7, ICP)	mg/kg wet	1	25	88%	92%	4%
Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	50	90%	88%	2%
Molybdenum (EPA Method 6010/200.7, ICP)	mg/kg wet	2	100	87%	88%	1%
Nickel (EPA Method 6010/200.7, ICP)	mg/kg wet	2	50	90%	90%	0%
Silver (EPA Method 6010/200.7, ICP)	mg/kg wet	1	5.0	86%	88%	2%
Vanadium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	50	86%	88%	2%
Zinc (EPA Method 6010/200.7, ICP)	mg/kg wet	1	50	88%	90%	2%

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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

EXTRACTABLE FUELS EPA 3550/8015
Batch: 70 25901
Samples: 70 0178274

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Extractable Fuels, as Diesel	mg/kg	5.0	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Extractable Fuels, as Diesel	mg/kg	5.0	33.3	76%	82%	7%

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QUALITY CONTROL DATA

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PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)
Batch: 70 25926
Samples: 70 0178240, 70 0178258, 70 0178266, 70 0178274, 70 0178371
70 0178495

METHOD BLANK:

Parameter	Units	MDL	Method Blank
N-Nitrosodimethylamine	ug/kg	300	ND
Bis(2-chloroethyl) ether	ug/kg	300	ND
1,3-Dichlorobenzene	ug/kg	300	ND
Benzyl Alcohol	ug/kg	300	ND
1,4-Dichlorobenzene	ug/kg	300	ND
1,2-Dichlorobenzene	ug/kg	300	ND
Bis(2-chloroisopropyl) ether	ug/kg	300	ND
N-Nitroso-di-n-propylamine	ug/kg	300	ND
Hexachloroethane	ug/kg	300	ND
Nitrobenzene	ug/kg	300	ND
Bis(2-chloroethoxy)methane	ug/kg	300	ND
1,2,4-Trichlorobenzene	ug/kg	300	ND
Naphthalene	ug/kg	300	ND
Hexachlorobutadiene	ug/kg	300	ND
2-Methylnaphthalene	ug/kg	300	ND
Hexachlorocyclopentadiene	ug/kg	300	ND
2-Chloronaphthalene	ug/kg	300	ND
Dimethylphthalate	ug/kg	300	ND
Acenaphthylene	ug/kg	300	ND
2,6-Dinitrotoluene	ug/kg	300	ND
Acenaphthene	ug/kg	300	ND
Dibenzofuran	ug/kg	300	ND
2,4-Dinitrotoluene	ug/kg	300	ND
Diethylphthalate	ug/kg	300	ND
Fluorene	ug/kg	300	ND
4-Chlorophenylphenylether	ug/kg	300	ND
N-Nitrosodiphenylamine	ug/kg	300	ND
1,2-Diphenylhydrazine	ug/kg	300	ND
4-Bromophenylphenylether	ug/kg	300	ND
Hexachlorobenzene	ug/kg	300	ND
Phenanthrene	ug/kg	300	ND

Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)
Batch: 70 25926
Samples: 70 0178240, 70 0178258, 70 0178266, 70 0178274, 70 0178371
70 0178495

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Anthracene	ug/kg	300	ND
Di-n-butylphthalate	ug/kg	300	2200
Fluoranthene	ug/kg	300	ND
Pyrene	ug/kg	300	ND
Butylbenzylphthalate	ug/kg	300	ND
Benzo(a)anthracene	ug/kg	300	ND
3,3'-Dichlorobenzidine	ug/kg	600	ND
Chrysene	ug/kg	300	ND
Bis(2-ethylhexyl)phthalate	ug/kg	300	ND
Di-n-octylphthalate	ug/kg	300	ND
Benzo(b)fluoranthene	ug/kg	300	ND
Benzo(k)fluoranthene	ug/kg	300	ND
Benzo(a)pyrene	ug/kg	300	ND
Indeno(1,2,3-cd)pyrene	ug/kg	300	ND
Dibenz(a,h)anthracene	ug/kg	300	ND
Benzo(g,h,i)perylene	ug/kg	300	ND
Phenol	ug/kg	300	ND
2-Chlorophenol	ug/kg	300	ND
2-Methylphenol	ug/kg	300	ND
4-Methylphenol	ug/kg	300	ND
2-Nitrophenol	ug/kg	300	ND
2,4-Dimethylphenol	ug/kg	300	ND
Benzoic Acid	ug/kg	1500	ND
2,4-Dichlorophenol	ug/kg	300	ND
4-Chloro-3-methylphenol	ug/kg	300	ND
2,4,6-Trichlorophenol	ug/kg	300	ND
2,4,5-Trichlorophenol	ug/kg	300	ND
2,4-Dinitrophenol	ug/kg	1500	ND
4-Nitrophenol	ug/kg	1500	ND
4,6-Dinitro-2-methylphenol	ug/kg	1500	ND
Pentachlorophenol	ug/kg	300	ND

Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

EXTRACTABLE ORGANICS BY EPA 8270 (GC/MS)
Batch: 70 25926
Samples: 70 0178240, 70 0178258, 70 0178266, 70 0178274, 70 0178371
70 0178495

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Nitrobenzene-d5 (Surrogate Recovery)			74%
2-Fluorobiphenyl(Surrogate Recovery)			78%
Terphenyl-d14 (Surrogate Recovery)			116%
2-Fluorophenol (Surrogate Recovery)			49%
Phenol-d6 (Surrogate Recovery)			57%
2,4,6-Tribromophenol(Surrogate Recovery			91%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
1,4-Dichlorobenzene	ug/kg	300	3330	52%	41%	23%
N-Nitroso-di-n-propylamine	ug/kg	300	3330	67%	56%	17%
1,2,4-Trichlorobenzene	ug/kg	300	3330	57%	48%	17%
Acenaphthene	ug/kg	300	3330	72%	65%	10%
2,4-Dinitrotoluene	ug/kg	300	3330	80%	75%	6%
Pyrene	ug/kg	300	3330	104%	102%	1%
Phenol	ug/kg	300	5000	53%	43%	20%
2-Chlorophenol	ug/kg	300	5000	53%	41%	25%
4-Chloro-3-methylphenol	ug/kg	300	5000	72%	63%	13%
4-Nitrophenol	ug/kg	1500	5000	111%	116%	4%
Pentachlorophenol	ug/kg	300	5000	107%	105%	1%

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Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

OIL AND GREASE, SILICA GEL (LUFT)
Batch: 70 25889
Samples: 70 0178240, 70 0178258, 70 0178266, 70 0178274, 70 0178495

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Oil and Grease, Gravimetric (SM5520)	mg/kg wet	50	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Oil and Grease, Gravimetric (SM5520)	mg/kg wet	50	667	80%	88%	9%

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Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PURGEABLE FUELS AND AROMATICS
Batch: 70 25875
Samples: 70 0178185, 70 0178193, 70 0178207, 70 0178215

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015M	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020M)			-
Benzene	ug/kg wet	1.0	ND
Toluene	ug/kg wet	1.0	ND
Ethylbenzene	ug/kg wet	1.0	ND
Xylenes, Total	ug/kg wet	1.0	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015M	ug/kg wet	200	1000	82%	77%	6%
Benzene	ug/kg wet	1.0	40	100%	103%	2%
Toluene	ug/kg wet	1.0	40	98%	101%	3%
Ethylbenzene	ug/kg wet	1.0	40	92%	92%	0%
Xylenes, Total	ug/kg wet	1.0	120	93%	92%	1%

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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PURGEABLE FUELS AND AROMATICS
Batch: 70 25939
Samples: 70 0178401, 70 0178428, 70 0178525

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015M	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020M)			-
Benzene	ug/kg wet	1.0	ND
Toluene	ug/kg wet	1.0	ND
Ethylbenzene	ug/kg wet	1.0	ND
Xylenes, Total	ug/kg wet	1.0	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015M	ug/kg wet	200	1000	83%	82%	1%
Benzene	ug/kg wet	1.0	40.0	90%	92%	2%
Toluene	ug/kg wet	1.0	40.0	86%	88%	2%
Ethylbenzene	ug/kg wet	1.0	40.0	88%	90%	2%
Xylenes, Total	ug/kg wet	1.0	120	88%	90%	2%

Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

PURGEABLE FUELS AND AROMATICS
Batch: 70 25960
Samples: 70 0178223, 70 0178231, 70 0178274, 70 0178282, 70 0178290
70 0178304, 70 0178312

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015M	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020M)			-
Benzene	ug/kg wet	1.0	ND
Toluene	ug/kg wet	1.0	ND
Ethylbenzene	ug/kg wet	1.0	ND
Xylenes, Total	ug/kg wet	1.0	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015M	ug/kg wet	200	1000	78%	75%	3%
Benzene	ug/kg wet	1.0	40	94%	91%	3%
Toluene	ug/kg wet	1.0	40	94%	91%	3%
Ethylbenzene	ug/kg wet	1.0	40	94%	91%	3%
Xylenes, Total	ug/kg wet	1.0	120	95%	91%	4%

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REPORT OF LABORATORY ANALYSIS

Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

TPH MOTOR OIL, BY EPA METHOD 8015
Batch: 70 25896
Samples: 70 0178371

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Extractable Fuels, as Motor Oil	mg/kg	5.0	ND

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Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS
Batch: 70 25860
Samples: 70 0178240, 70 0178266, 70 0178274, 70 0178371, 70 0178495

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Chloromethane	ug/kg	10	ND
Vinyl Chloride	ug/kg	10	ND
Bromomethane	ug/kg	10	ND
Chloroethane	ug/kg	10	ND
Trichlorofluoromethane	ug/kg	5	ND
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/kg	5	ND
2-Butanone (MEK)	ug/kg	50	ND
1,1-Dichloroethene	ug/kg	5	ND
Carbon Disulfide	ug/kg	5	ND
Acetone	ug/kg	50	ND
Methylene Chloride	ug/kg	10	ND
trans-1,2-Dichloroethene	ug/kg	5	ND
cis-1,2-Dichlorethene	ug/kg	5	ND
1,1-Dichloroethane	ug/kg	5	ND
Chloroform	ug/kg	5	ND
1,1,1-Trichloroethane	ug/kg	5	ND
1,2-Dichloroethane	ug/kg	5	ND
Carbon Tetrachloride	ug/kg	5	ND
Benzene	ug/kg	5	ND
1,2-Dichloropropane	ug/kg	5	ND
Trichloroethene	ug/kg	5	ND
Bromodichloromethane	ug/kg	5	ND
trans-1,3-Dichloropropene	ug/kg	5	ND
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND
Toluene	ug/kg	5	ND
cis-1,3-Dichloropropene	ug/kg	5	ND
1,1,2-Trichloroethane	ug/kg	5	ND
Dibromochloromethane	ug/kg	5	ND
2-Hexanone	ug/kg	50	ND
Tetrachloroethene	ug/kg	5	ND
Chlorobenzene	ug/kg	5	ND
Ethylbenzene	ug/kg	5	ND

Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS
Batch: 70 25860
Samples: 70 0178240, 70 0178266, 70 0178274, 70 0178371, 70 0178495

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Bromoform	ug/kg	5	ND
Xylene(s) Total	ug/kg	5	ND
Styrene	ug/kg	5	ND
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND
1,3-Dichlorobenzene	ug/kg	5	ND
1,4-Dichlorobenzene	ug/kg	5	ND
1,2-Dichlorobenzene	ug/kg	5	ND
1,2-Dichloroethane-d4 (Surrog. Recovery	%		94
Toluene-d8 (Surrogate Recovery)	%		102
4-Bromofluorobenzene (Surrog. Recovery)	%		95

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
1,1-Dichloroethene	ug/kg	5	50	108%	102%	5%
Benzene	ug/kg	5	50	96%	92%	4%
Trichloroethene	ug/kg	5	50	90%	88%	2%
Toluene	ug/kg	5	50	92%	90%	2%
Chlorobenzene	ug/kg	5	50	88%	86%	2%

REPORT OF LABORATORY ANALYSIS

Mr. Marc Briggs
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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS
Batch: 70 25880
Samples: 70 0178258

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Chloromethane	ug/kg	10	ND
Vinyl Chloride	ug/kg	10	ND
Bromomethane	ug/kg	10	ND
Chloroethane	ug/kg	10	ND
Trichlorofluoromethane	ug/kg	5	ND
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/kg	5	6
2-Butanone (MEK)	ug/kg	50	ND
1,1-Dichloroethene	ug/kg	5	ND
Carbon Disulfide	ug/kg	5	ND
Acetone	ug/kg	50	ND
Methylene Chloride	ug/kg	10	ND
trans-1,2-Dichloroethene	ug/kg	5	ND
cis-1,2-Dichlorethene	ug/kg	5	ND
1,1-Dichloroethane	ug/kg	5	ND
Chloroform	ug/kg	5	ND
1,1,1-Trichloroethane	ug/kg	5	ND
1,2-Dichloroethane	ug/kg	5	ND
Carbon Tetrachloride	ug/kg	5	ND
Benzene	ug/kg	5	ND
1,2-Dichloropropane	ug/kg	5	ND
Trichloroethene	ug/kg	5	ND
Bromodichloromethane	ug/kg	5	ND
trans-1,3-Dichloropropene	ug/kg	5	ND
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND
Toluene	ug/kg	5	ND
cis-1,3-Dichloropropene	ug/kg	5	ND
1,1,2-Trichloroethane	ug/kg	5	ND
Dibromochloromethane	ug/kg	5	ND
2-Hexanone	ug/kg	50	ND
Tetrachloroethene	ug/kg	5	ND
Chlorobenzene	ug/kg	5	ND
Ethylbenzene	ug/kg	5	ND

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QUALITY CONTROL DATA

November 08, 1993
PACE Project Number: 431021508

Client Reference: Exxon 7-7003 (CM)

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS
Batch: 70 25880
Samples: 70 0178258

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Bromoform	ug/kg	5	ND
Xylene(s) Total	ug/kg	5	ND
Styrene	ug/kg	5	ND
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND
1,3-Dichlorobenzene	ug/kg	5	ND
1,4-Dichlorobenzene	ug/kg	5	ND
1,2-Dichlorobenzene	ug/kg	5	ND
1,2-Dichloroethane-d4 (Surrog. Recovery	%		101
Toluene-d8 (Surrogate Recovery)	%		103
4-Bromofluorobenzene (Surrog. Recovery)	%		96

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
1,1-Dichloroethene	ug/kg	5	50	76%	78%	2%
Benzene	ug/kg	5	50	88%	82%	7%
Trichloroethene	ug/kg	5	50	76%	72%	5%
Toluene	ug/kg	5	50	88%	84%	4%
Chlorobenzene	ug/kg	5	50	82%	76%	7%

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Client Reference: Exxon 7-7003 (CM)

>	Greater than reported value.
MDL	Method Detection Limit
NC	No calculation due to value below detection limit.
ND	Not detected at or above the MDL.
RPD	Relative Percent Difference

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Consultant's Name: RESNA INDUSTRIES INC. Page 1 of 5

Address: 3315 ARDEN EXPY, SUITE 214, SACRAMENTO Site Location: PLEASANTON

Project #: Consultant Project #: 1300.15.06 Consultant Work Release #: 0930(m)557(m)

Project Contact: MARC BRIGGS Phone #: (415) 264-2223 Fax #: 264.2255 Laboratory Work Release #

EXXON Contact: DAVID GOODRUM ☐ EE ☒ C&M Phone #: Pax #: EXXON RAS #: 7673

Sampled by (print): ERIN KRUEGER Sampler's Signature: Erin D. Krueger

Shipment Method: Air Bill #: Shipment Date:

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature ° C: ____
Cooler #: ____
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1	TOG 5520	VOCs 8240+8270	[redacted] METALS 6010/7000 ICAP							COMMENTS
S-T1-S	10/20 12:25	Soil	ice	1	17818.5	✓												
S-T1-C	10/20 13:05	Soil	ice	1	17819.3	✓												
S-T2-S	10/20 12:15	Soil	ice	1	17820.7	✓												
S-T2-C	10/20 13:00	Soil	ice	1	17821.5	✓												
S-T3-S	10/20 13:10	Soil	ice	1	17822.3	✓												
S-T3-C	10/20 13:15	Soil	ice	1	17823.1	✓												
S-7.5-H1	10/20 13:30	Soil	ice	1	17824.0	✓			✓	✓								
S-7.5-H2	10/20 13:40	Soil	ice	1	17825.8				✓	✓								
S-7.5-H3	10/20 13:45	Soil	ice	1	17826.6				✓	✓								
S-WD-1	10/20 13:20	Soil	ice	1	17827.4	✓	✓		✓	✓	✓							Cadmium, Chromium, Lead, Zinc, Nickel

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
Erin D. Krueger RESNA	10/21	10:45	Ronald Johnson Pace	10/21/93	1045
Daniel Johnson Pace	10/21/93	1258	[illegible] Pace	10/21	1258

Additional Comments
Lead samples from boring 1A14 and samples from boring 1A15 will be analyzed for Total Lead following EPA 7420 and 7421.

White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff

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Consultant's Name: RESNA INDUSTRIES INC. Page 2 of 5

Address: 3315 ALMADEN EXPRESSWAY, SUITE 34, SAN JOSE 95118 Site Location: PLEASANTON

Project #: Consultant Project # 1306.06 Consultant Work Release #: 09300255/Rel#2

Project Contact: MARC PRIGGS Phone #(408) 264-1723 Fax #264-1435 Laboratory Work Release #

EXXON Contact: DAVID GOODRUM ☐ EE ☒ C&M Phone #: Fax #: EXXON RAS #: 7003

Sampled by (print): ERIN KRUEGER Sampler's Signature: Erin D. Krueger

Shipment Method: Air Bill #: Shipment Date:

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature ° C. ____
Cooler #: ____
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel range C10 EPA 8015	TRPH EPA 418.1	Soluble Lead (STLC) 7420/7421	Lead 6010/7420 + 7421							COMMENTS
S-3-PL1	10/20 13:20	Soil	ice	1	17828.2	✓											ANY PL SAMPLES CONTAINING
S-3-PL2	10/20 13:35	Soil	ice	1	17829.0	✓											LEAD, WILL BE ANALYZED
S-3-PL3	10/20 14:00	Soil	ice	1	17830.1	✓											FOR TOTAL LEAD USING
S-3-PL4	10/20 14:05	Soil	ice	1	17831.2	✓											EPA 6010/7420
1020-SP1-A	10/20 14:15	Soil	ice	1													COMPOSITE SP1
1020-SP1-B	10/20 14:15	Soil	ice	1			✓		✓	✓							A,B,C,D 4 tal
1020-SP1-C	10/20 14:15	Soil	ice	1	178371												
1020-SP1-D	10/20 14:15	Soil	ice	1													
~~1020-SP2-A~~	Leachate ##				17838.0												
~~1020-SP2-B~~																	

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
Erin Krueger RESNA	10/21	14:45	Donald Johansli Pace	10/21	1045
Donald Johansli Pace	10/21/93	1258	Kurt Glaser Pace	10/21	1250

Additional Comments
COMPOSITE TO BE ANALYZED FOR TCLP RCRA METALS

Distribution White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff

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Consultant's Name: RESNA INDUSTRIES INC. Page 3 of 5

Address: 3315 ALMADEN EXPY, suite 34, SAN JOSE, CA 95118 Site Location: PERRIS, CA

Project #: Consultant Project #: 130215 CC Consultant Work Release #: 693025.5/CC#2

Project Contact: MARC BRIGGS Phone # (408) 264-7723 Fax #: 264-2433 Laboratory Work Release #:

EXXON Contact: DAVID CADRUM ☐ EE ☒ C&M Phone #: Fax #: EXXON RAS #: 100-3

Sampled by (print): ERIN KRUEGER Sampler's Signature: Erin D. Krueger

Shipment Method: Air Bill #: Shipment Date:

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature ° C: ____
Cooler #: ____
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1	PCT	COMMENTS
1020-SP1-E	10/20 14:55	Soil	ice	1	178398				✓	Composite 1 of 2
1020-SP2-E	10/20 14:55	Soil	ice	1						
1020-SP3-M	10/20 14:55	Soil	ice	1						
1020-SP3-N	10/20 14:55	Soil	ice	1						

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
Erin D. Krueger RESNA	10/21	1044	Donald Dokoupil Pace	10/21/93	1044
Donald Dokoupil Pace	10/21/93	1258	Susan Glenn Pace	10/21	1258

Additional Comments: 10 Day turnaround per BTI Project requirements.

White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff

pace INCORPORATED
THE ASSURANCE OF QUALITY

EXXON COMPANY, U.S.A.

P.O. Box 4415, Houston, TX 77210-4415

CHAIN OF CUSTODY

431021 508

☐ Novato, CA, 11 Digital Drive, 94949 (415) 883-6100

☐ Huntington Beach, CA, 5702 Bolsa Avenue, 92649 (714) 892-2565

Consultant's Name: RESNA INDUSTRIES INC. Page 1 of 5

Address: 3315 ALMADEN EXPY, SUITE 34, SAN JOSE CA 95118 Site Location: RICHMOND

Project #: Consultant Project #: 1CC15.C6 Consultant Work Release #: 1930.255/C6**

Project Contact: MARC BRIGGS Phone #(408) 264-7723 Fax #: 241-24- Laboratory Work Release #:

EXXON Contact: DAVID CONRUM ☐ EE ☒ C&M Phone #: Fax #: EXXON RAS #: 1003

Sampled by (print): ERIN KRUEGER Sampler's Signature: Erin D Krueger

Shipment Method: Air Bill #. Shipment Date.

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature ° C: _____
Cooler #: _____
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1	STLC LEAD (CCR) 6010/7420								COMMENTS
1020-SP3-E	10/20 14:40	Soil	ice	1													Composite E,F,G,+H
1020-SP3-F	10/20 14:40	Soil	ice	1		✓			✓								4 to 1
1020-SP3-G	10/20 14:40	Soil	ice	1	17840.1					leachate #				17841.6			
1020-SP3-H	10/20 14:40	Soil	ice	1													Composite I,J,K,+L
1020-SP3-I	10/20 14:45	Soil	ice	1													4 to 1
1020-SP3-J	10/20 14:45	Soil	ice	1	17842.8	✓			✓								
1020-SP3-K	10/20 14:45	Soil	ice	1						leachate #				17842.2			
1020-SP3-L	10/20 14:45	Soil	ice	1													

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
Erin D Krueger RESNA	10/21	1045	Donald DeKarski Pace	10/21/93	1049
Donald DeKarski Pace	10/21/93	1258		10/21	1758

Additional Comments:
TO BE HANDLED PER RFI DISPOSAL REQUIREMENTS

Distribution White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff

pace INCORPORATED THE ASSURANCE OF QUALITY

EXXON COMPANY, U.S.A.

P.O. Box 4415, Houston, TX 77210-4415

CHAIN OF CUSTODY

☐ Novato, CA, 11 Digital Drive, 94949 (415) 883-6100

☐ Huntington Beach, CA, 5702 Bolsa Avenue, 92649 (714) 892-2565

Consultant's Name: RESNA INDUSTRIES INC.

Address: 3315 ALMADEN EXPY, SUITE 34, SAN JOSE CA 95118

Site Location: RICHMOND

Project #:

Consultant Project #: 1302/5.06

Consultant Work Release #: 09-6W1255/Coffey

Project Contact: MARC BRIGGS

Phone #: (408) 264-7723 Fax #: 264 2435

Laboratory Work Release #:

EXXON Contact: DAVID COODRUM ☐ EE ☒ C&M

Phone #: Fax #:

EXXON RAS #:

Sampled by (print): ERIN KRUEGER

Sampler's Signature: Erin D Krueger

Shipment Method:

Air Bill #:

Shipment Date:

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature ° C
Cooler #:
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1	STLC LEAD (will filter ?)	TCLP SSIC	WET CCS (PAH)						COMMENTS
1020 SP2-A	10/20 14:25	Soil	ice	1													Composite SP2
1020 SP2-B	10/20 14:25	Soil	ice	1						✓	✓						A, B, C & D
1020-SP2 C	10/20 14:25	Soil	ice	1	178495												4 to 1
1020 SP2-D	10/20 14:25	Soil	ice	1													
1020-SP3A	10/20 14:30	Soil	ice	1													Composite SP3
1020-SP3-B	10/20 14:30	Soil	ice	1	178525 ✓				✓		Leachate #		178533				A, B, C & D
1020 SP3 C	10/20 14:30	Soil	ice	1													4 to 1
1020-SP3-D	10/20 14:30	Soil	ice	1													

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
Erin D Krueger RESNA	10/21	1014	Donald Johnston Pace	10/21/93	1048
Donald Johnston Pace	10/21/93	1259	Marlin Pace	10/21/93	1259

Additional Comments
TO BE ANALYZED BY PACE
PER CLIENT REQUIREMENTS

Distribution: White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff