

EXXON COMPANY, U.S.A.

POST OFFICE BOX 4032 . CONCORD, CA 94524-2032

REAL ESTATE & ENGINEERING

G. DeMARZO
CONSTRUCTION & MAINTENANCE ENGINEER(510) 246-8770

4 June, 1992

Mr. Paul Smith
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

RE: Tank Replacement Assessment Report
Exxon RAS #7-0235
2225 Telegraph Ave.
Oakland, CA

Dear Mr. Smith:

Enclosed for your review and comment please find a report entitled Report of Tank Replacement and Closure Sampling for the above referenced station. This report, prepared by EA Engineering, Science, and Technology Environmental Consultants, details environmental activities performed during the replacement of underground tanks and lines in November-December, 1991 at the referenced site.

Please do not hesitate to contact me at (510) 246-8770 should you have any questions or require additional information regarding work performed during the replacement of the product lines. Please contact Marla Guensler at (510) 246-8776 of Exxon for information regarding the status of current environmental activities at the site.

Sincerely,


Greg DeMarzo

2516E
Attachment

c - w/attachment:

P. Silzer, San Francisco Bay Regional Water Quality Control Board
A. Edayan, City of Oakland Fire Prevention Bureau
M. Guensler

c - w/o attachment:

R. Zielinski, Texaco Environmental Services, Richmond CA
R. Coughlin, Texaco Environmental Services, Universal City, CA
T. Winsor, EA Engineering, Science, and Technology

ATTEN

LETTER OF TRANSMITTAL

Date: December 19, 1991

To: Ms. Caron Sontag
PACE Laboratories, Inc.
11 Digital Drive
Novato, CA 94949

From: William E. Foster, M.S.
Laboratory Manager

Terrance E. Carter
Laboratory Director

Subject: Aquatic Toxicity Testing Results for Hazardous Waste Testing

Aqua Terra Technologies
Aquatic Bioassay
Laboratory

SAMPLE MATRIX AND I.D.: One Sample Effluent, Sample #10615ab
(#70012756.4); Project #411204.510; PO #70-1558. RAST# 7-0235

950 Buskirk Avenue
Suite 120
Walnut Creek, CA
94596
415 934-4884
FAX 934-0418

TREATMENT DILUTIONS (mg/L): 250, 500, 750 and Control run in soft water of 40-48 mg/L hardness run in duplicate with 10 fish/10 L tank and 20 fish/treatment.

TESTING PERIOD: Received 12/11/91; Tested 12/12-16/91.

TOXICITY TEST(S): Fathead minnow (Pimephales promelas) 96-hour static Hazardous Waste Toxicity.

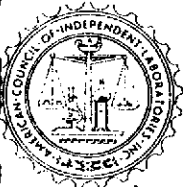
METHODS: ATT's hazardous waste aquatic toxicity test protocol based on "Standard Methods for the Examination of Water and Wastewater", 16th Edition, American Public Health Association, 1986; "Static Acute Bioassay Procedures for Hazardous Waste Samples" (Polisini and Miller, 1988), California Department of Fish and Game; and as certified by the State of California Department of Health Services.

SUMMARY:

Fathead minnow (Pimephales promelas) 96-hour percent survival was 100% in Control. The 96-hour LC50 was > 750 mg/L.

The summary data sheets for this test are enclosed.

PAC10615.REP



AQUA TERRA TECHNOLOGIES
 2950 Buskirk Avenue, Suite 120
 Walnut Creek, CA 94596
 Tel. (415) 934-4884
 Fax (415) 934-0418

FAX TRANSMITTAL FORM

Date: 12/15/91 191 JOSEPH DeCarl (EA)

Fax Trans To: Greg DeMarzo
~~XXXXXXXXXX~~ EXXON

Location: _____

Fax Number: 246-8798 / 2833894 ^{EA}

From: _____

ATT Job Number: 10605 ab (70012756.4) c/o Paul

Number of Pages: 5
(including cover)

Comments: Draft
rest in wp

EA
(510) 686 3215

If transmitting problems occur, call _____ at (415) 934-4884.

REPORT OF TANK REPLACEMENT AND CLOSURE SAMPLING
EXXON RETAIL SITE 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

Prepared for

Exxon Company, U.S.A.
2300 Clayton Road
Concord, California 94520

Prepared by

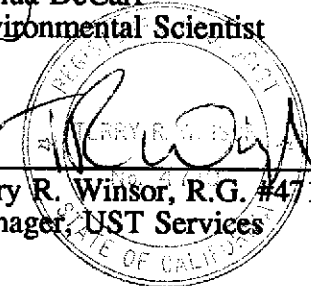
EA Engineering, Science, and Technology
41 Lafayette Circle
Lafayette, California 94549
(510) 283-7077



Joshua DeCarl
Environmental Scientist

4 Feb 1992

Date



Terry R. Winsor, R.G. #4719
Manager, UST Services

6 Feb 92

Date



**REPORT OF TANK REPLACEMENT AND CLOSURE SAMPLING
EXXON RETAIL SITE 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA**

**Prepared for
Exxon Company, U.S.A.**

**Prepared by
EA Engineering, Science, and Technology**

**January 1992
81001.88**

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SITE CONTACTS

Station Number: Exxon Retail Site 7-0235

Station Address: 2225 Telegraph Avenue
Oakland, California

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EA Project Supervisor: Joshua DeCarl

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City of Oakland
Fire Prevention Bureau
1330 Broadway
Oakland, California 94612
(510) 273-3853

Paul Smith
Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94621
(510) 271-4320

1. INTRODUCTION

At the request of Exxon Company, U.S.A., EA Engineering, Science, and Technology (EA) oversaw the replacement of underground storage tanks (USTs) and their associated piping at Exxon Retail Site (RS) 7-0235 in Oakland, California. ~~The three single-walled steel underground product storage tanks and their piping and one single-walled FRP used oil tank were removed on 27 November and 2 December 1991 and were replaced with larger double-walled FRP tanks and piping. Exxon replaced the single-walled USTs and piping with double-walled USTs and piping in order to provide secondary containment and active leak-detection monitoring; the product dispensers were replaced with multi-product dispensers (MPD) in order to increase the number of nozzles thereby enhancing sales. EA collected closure samples from native soil beneath the tanks and from the piping trenches.~~

1.1 LOCATION AND SITE DESCRIPTION

Exxon RS 7-0235 is an active service station located at 2225 Telegraph Avenue in Oakland, on the southwest corner of the intersection of Telegraph Avenue and West Grand Avenue (Figure 1). Three grades of gasoline are stored in USTs and dispensed.

The immediate vicinity of the site is both commercial and residential in character, consisting of retail businesses, restaurants, apartment buildings, a church, and a service station. A Chevron service station is located on the southeast corner of the intersection (Figure 2).

The site is within two miles of the Oakland Inner Harbor and San Francisco Bay. The nearest surface water is Lake Merritt, which is approximately one-half mile southeast of the site. The site is at an elevation of approximately 20 feet above sea level. The static water table is approximately 14 feet below ground surface.

1.2 SITE HISTORY

Exxon RS 7-0235 was owned and operated by ~~Texaco Refining and Marketing, Inc.~~ until 1988, when it was purchased by Exxon. The three steel USTs were installed in 1967, and the 550-gallon single-walled FRP used oil tank was installed around 1985. The tanks stored Exxon Extra Unleaded, Exxon Regular Unleaded, and Exxon Regular (leaded) gasoline.

Texaco's consultant, Harding Lawson and Associates (HLA), has been monitoring the groundwater at the site since 1988. There are six groundwater monitoring wells, one observation well, and three groundwater recovery wells on the site (one of the recovery wells was decommissioned in November 1991) and one groundwater monitoring well off the site (Figure 3). A groundwater treatment system was installed for Texaco by HLA in late 1990. Two vapor extraction wells were installed in the backfill of the new product storage tank field during the current tank replacement, and HLA is installing a vapor extraction system on the site. Liquid-

phase hydrocarbons (LPH) have been observed on the groundwater as recently as December 1991.

1.3 PRELIMINARY INVESTIGATION

On 19 March 1991, Alton Geoscience Inc., Concord, drilled 10 exploratory soil borings (B1-B10, Figure 4) to depths ranging between 15.5 and 16.5 feet below ground surface (bgs) and collected two or three soil samples from each boring at different depths. The samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) and for benzene, toluene, ethylbenzene, and xylenes (BTEX). Samples collected from boring B9, at the used oil tank, were analyzed only for total oil and grease (TOG). Copies of the drill logs from the soil borings are included as Appendix A.

Petroleum hydrocarbons were found in the samples from 8 of the 10 borings (Table 1). Concentrations of TPH-g in samples collected 10.5 feet bgs and 14.5 feet bgs from borings B1 and B2, respectively, located near the northeast corner of the product storage tank field, were as high as 10,000 mg/kg. No concentrations of petroleum hydrocarbons greater than method detection limits were measured in samples collected from borings B7 or B9, located at the southwest corner of the product storage tank field and at the east end of the used oil tank field.

2. CURRENT INVESTIGATION

2.1 EXCAVATION AND REMOVAL OF TANKS AND PIPING

2.1.1 Product Storage Tanks

On 25 November 1991, Walton Engineering, Sacramento, and Tank Excavators from Lathrop, California, uncovered and excavated the soils from above the USTs at Exxon RS 7-0235. Concrete removed from above the USTs was stockpiled along the south border of the site. On the afternoon of 26 November, an EA scientist arrived on the site to observe the ~~excavation~~^{excavation} of the USTs. The tanks had already been uncovered, and Erickson Inc., Richmond, was preparing the exposed tanks to be rinsed and vented. The brownish sand backfill around the tanks was discolored gray in many places, and the odor of petroleum hydrocarbons was noticed. Concentrations of hydrocarbons up to 30 ppm were measured as much as 10 feet from the tank field with a Foxboro Century 128 Organic Vapor Analyzer (OVA). As Erickson began pumping the residual gasoline from the tanks, hydrocarbon concentrations greater than 1,000 ppm were measured with the OVA up to 15 feet downwind of the pump truck. After the residual gasoline was pumped from the tanks, they were triple-rinsed with soap and water.

On the morning of 27 November, after Erickson pumped 800 gallons of rinsate from the tanks, dry ice was placed in each of the tanks to displace hydrocarbon vapors and make the tanks safe to be removed from the ground and transported. When concentrations were within the limits set by the Oakland Fire Prevention Bureau (OFPB) (<10 percent of the LEL, <10 percent oxygen by concentration measured by direct reading field instruments), A. Edayan, OFPB, authorized the removal of the tanks. The Regular Unleaded UST was removed first, followed by the Extra Unleaded and Regular USTs. As the tanks were being removed, hydrocarbon vapor concentrations as high as 600 ppm were measured in the breathing zone at the edge of the tank pit, and the construction crew, crane operator, and other personnel working in the immediate vicinity put on respirators. The tanks were carefully inspected for signs of leaks or damage by A. Edayan, the EA scientist, and L. Seto of the Alameda County Health Agency (ACHA). No signs of leaks or damage were observed in any of the tanks. The USTs were transported from the site by Erickson and disposed of at their Richmond facility. Copies of the Hazardous Waste Manifests for the 800 gallons of rinsate and the USTs are included in Appendix B.

Soils excavated from around the USTs were stockpiled behind the station building along the east border. After the tanks were removed, the former product storage tank pit excavation, which was L-shaped, was 20 feet by 15 feet by 12 feet (top part of the L) and 35 feet by 18 feet by 12 feet (bottom part of L) (Figure 5).

2.1.2 Used Oil Tank

Also on 27 November, soil was excavated from around the used oil tank and dry ice was placed in the tank to displace hydrocarbon vapors and make the tank safe for removal and transport. When concentrations in the tank were less than 10 percent of the LEL and less than 10 percent oxygen by concentration, A. Edayan authorized the removal of the tank. The UST was carefully inspected for any signs of leaks or damage by A. Edayan, the EA scientist, and L. Seto of ACHA. No signs of leaks or damage were observed. When groundwater began to infiltrate and collect in the tank pit, a small sump was excavated in the bottom of the tank pit so a water sample could be collected. Soil and pea gravel excavated from around the used oil tank was stockpiled at the southeast corner of the site, separate from other stockpiled soil. The used oil UST was transported by Erickson and disposed of at their Richmond facility. A copy of the Hazardous Waste Manifest for the used oil tank is included in Appendix B.

2.1.3 New Product Storage Tank Field

On 30 November, Tank Excavators drove sheet piles into the ground around the former product storage tank pit and began excavating the new product storage tank pit. The new tank pit encompassed all of the former tank pit and was expanded between the east and center pump islands beneath the canopy (Figure 6). Soil down to 13.5 feet below ground surface (bgs) was excavated from the enlarged tank pit. Static groundwater was 14 feet bgs. Excavated soil was stockpiled at the north end of the station building.

2.1.4 Product Piping

On the morning of 6 December, the product lines were uncovered, soil was excavated from around the piping, and the piping was removed. At the same time the new product piping trenches were excavated between the north pump island and the new tank pit. Soils excavated from the product piping trenches were stockpiled on the site.

2.1.5 Soil Disposal

On 11, 12, and 20 December, Dillard Trucking profiled the soil stockpiles and concrete, using chemical data obtained by EA, and transported between 900 and 1,000 cubic yards of soil and concrete from the product storage tank pit excavations, used oil tank pit, and product piping trenches as non-hazardous Class II material to the Chem Waste Landfill, Kettleman City.

2.2 CLOSURE SAMPLING

Samples were collected from the product storage tank pit, used oil tank pit, the piping trenches, and the stockpiled soil. All samples from these sets were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) by EPA Method 8015 and for the aromatics benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8020. Certain samples (e.g., from the used

oil tank pit) were analyzed further, in accordance with Table 2 of the "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites" (RWQCB 1990).

2.2.1 Sample Collection Procedure

Soil samples were collected following protocols consistent with the "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites" (RWQCB 1990) and the "Leaking Underground Fuel Tank (LUFT) Manual" (SWRCB 1989). Sample procedures were as described below:

1. When samples were to be collected from bottom of the tank pit or product piping trenches, the operator of the excavator was directed to remove soil from the location of interest. Soil in the excavator bucket was scanned with a Foxboro Century 128 Organic Vapor Analyzer (OVA) calibrated to methane, and a sample was collected from that soil by driving a clean cylindrical brass sampling tube (2 inches by 6 inches) with a clean rubber mallet into the soil until the tube was completely filled.
2. When samples were to be collected from stockpiles of soils excavated from various tank pits and trenches, at least 2 feet of soil was removed from the surface of the pile, and a clean brass liner/sample tube was driven with a clean rubber mallet into the soil until the tube was completely filled.

The filled tubes were removed, and the exposed ends were covered with aluminum foil and capped with plastic end caps. The sample tubes were labeled with an indelible marker identifying the sample number, site, date and time sampled, depth sampled, and sampler. Before use, the brass sample liners were cleaned by scrubbing with a solution of water and Alconox laboratory detergent, immediately rinsed with deionized water, and allowed to air dry. Each liner was rinsed again with deionized water just before being used to collect a soil sample.

All samples were transported on ice in a cooler under chain of custody to Pace Incorporated, Novato, for analysis.

2.2.2 Product Tank Field

On 27 November, immediately after the tanks had been removed, one soil sample was collected from beneath each end of each tank, 1-2 feet into native soil in the product tank pit. **Samples TG1-TG6** (Figure 5) were collected 13 feet below ground surface (bgs) from brown and gray sandy-to-silty clay. The native soil in the walls of the tank pit consisted of rusty brown sand

with some gravel to 3 feet below ground surface (bgs) and brown, stiff sandy-to-silty clay to 12 feet bgs (the bottom of the tank pit).

On 3 December, after the shoring had been installed, six additional soil samples (TG7-TG12, Figure 6) were collected from the side walls between the sheet piles at a depth of 12 feet bgs in moist, gray, sandy-to-silty clay. The samples were analyzed for TPH-g, BTEX, and total lead.

2.2.3 Used Oil Tank Field

Also on 27 November, one soil sample was collected in the used oil tank pit immediately after the tank had been removed. Because groundwater had infiltrated into the tank pit, the sample (WO1, Figure 5) was collected from the south side wall eight feet bgs from a gray, stiff, sandy clay. The OVA reading of the soil from which the sample was collected was 500 ppm. One groundwater sample (UOW) was collected with a plastic disposable bailer from water that had collected in a sump that had been dug on the bottom of the used oil tank pit. The soil and the groundwater samples were analyzed for TPH-g, for BTEX, and for Total Petroleum Hydrocarbons as diesel (TPH-d) by EPA Method 8015, for total oil and grease (TOG) by EPA Method 5520, for halogenated volatile organics by EPA Method 8240, and for nickel, zinc, cadmium, chromium, and lead.

2.2.4 Product Piping

On 6 December, 10 soil closure samples (PL1-PL10, Figure 7) were collected from the product piping trenches two feet below ground surface (bgs) in brown, gray, and green moist, sandy-to-silty clay. OVA readings greater than 100 ppm were measured in the soil from which PL4 and PL6-PL9 were collected. The samples were analyzed by Pace for TPH-g and BTEX.

2.2.5 Stockpiled Soils

Between 27 November and 12 December 1991, 60 samples (4 per 50 cubic yards) were collected from stockpiled soils that had been excavated from the product tank pit, the used oil tank pit, and the product piping trenches. The 60 samples (SS1-SS28 and EA1-EA32) were composited by the laboratory for 15 discrete analyses. The samples were analyzed for TPH-g and BTEX. The samples collected from the stockpiled soil from the used oil tank pit stockpile (SS25-SS28) were analyzed also for TPH-d, oil and grease, chlorinated hydrocarbons, and nickel, zinc, cadmium, chromium, and lead. The composite SS1-SS4 was also analyzed for STLC Lead by EPA Method 6010/200.7, ICP, and SS17-SS20 and EA21-EA24 were analyzed for reactivity, corrosivity (Ph), and flashpoint (ignitability). A 96-hour static Hazardous Waste Toxicity test using fathead minnows was run on the composite SS17-SS20.

3. RESULTS

3.1 SOIL STRATIGRAPHY

Soils exposed in the side walls of the product tank pit consisted of rusty brown, sandy gravel to 3 feet below ground surface (bgs) and brown, stiff sandy-to-silty clay to 12 feet bgs (the bottom of the tank pit). The soil in the bottom of the tank pit immediately after the tanks had been removed was a gray sandy-to-silty clay.

The soil beneath the used-oil UST was observed to be a moist, gray, stiff sandy clay.

3.2 CLOSURE SAMPLES

TPH-g was found in all six of the closure soil samples from the product storage tank pit, collected 13 feet bgs:

	TG1	TG2	TG3	TG4	TG5	TG6
Concentration (mg/kg)	130	10,000	6,300	130	10	12
benzene	0.370	130	76	0.77	2.65	ND

BTEX concentrations were also greater than method detection limits in all of the samples (Table 2). Samples TG2 and TG3 (Figure 5), from the northeast side of the tank pit, contained TPH-g at concentrations of 10,000 mg/kg and 6,300 mg/kg, respectively. Six additional closure soil samples (TG7-TG12, Figure 6) were collected at 12 feet bgs from the side walls of the product storage tank pit after the shoring was installed. Petroleum hydrocarbons were measured in all six of the samples (Table 2). Total lead concentrations of 13 mg/kg were measured in samples TG9, TG10, and TG11. No concentrations of total lead greater than method detection limits were measured in samples TG7, TG8, and TG12. Copies of the laboratory analytical reports are included as Appendix C.

	TG7	TG8	TG9	TG10	TG11	TG12
TPH-g (mg/kg)	430	240	<1.0	1.7	420	660
Total lead (mg/kg)	<10	<10	13	13	13	<10
benzene	1.7	1.7	0.052	0.051	1.5	4.3

Concentrations of TPH-g and BTEX greater than method detection limits were measured in the closure soil sample WO1, collected from the northwest wall of the used oil tank pit and in groundwater sample UOW, collected from the bottom of the used oil tank pit (Table 3). Concentrations of hydrocarbons greater than C22 (hydrocarbon chain-length greater than 22) were measured in samples WO1 (22 mg/kg) and UOW (18 mg/kg) in the TPH-d analysis. Concentrations of oil and grease of 580 mg/kg and 15 mg/kg were measured in samples WO1 and UOW, respectively. No halogenated volatile organics at concentrations greater than method detection limits (when analyzed for chlorinated hydrocarbons, method detection limits for sample WO1 were increased to 6.2 mg/kg). were found in samples WO1 and UOW, except for 70 µg/L

of bromoform in water sample UOW. Copies of the laboratory analytical reports are included as Appendix D.

Petroleum hydrocarbons were found in 7 of the 10 closure soil samples collected from the product piping trenches (PL1-PL10). The highest concentrations of TPH-g, 150 mg/kg and 330 mg/kg, were measured in samples PL3 and PL4, collected 2 feet bgs at the northernmost pump island (Table 4; Figure 7). Copies of the laboratory analytical reports are included as Appendix E.

3.3 STOCKPILED SOIL

Approximately ~~900-1,000~~ cubic yards of soil excavated from the former product storage tank pit, used oil tank pit, and product piping trenches was stockpiled on the site. Samples to represent concentrations of petroleum hydrocarbons were collected according to BAAQMD guidelines, and the samples were composited for discrete analyses. Petroleum hydrocarbons were found in all 15 composites. TPH-g in the samples from the product tank field and piping trenches ranged from less than method detection limits to 4,200 mg/kg. The analytical results of soil samples collected from the stockpiles are summarized in Table 5; copies of the laboratory reports are included in Appendix F.

TPH-g (1.2 mg/kg), oil and grease (310 mg/kg), and hydrocarbons greater than C35 (35 mg/kg) were measured in the composite sample (SS25-SS28) from soils excavated from the used oil tank pit; no detectable concentrations of chlorinated hydrocarbons were found in the composite.

Because TPH-g concentrations exceeded 1,000 mg/kg in stockpile samples, a 96-flow static hazardous waste toxicity test using fathead minnows was run on sample SS17-20. The test was run at the request of Exxon in order to profile the soil for disposal at a Class II landfill. Fathead minnow survival was 100%, indicating that the soil was not hazardous.

Approximately 1,000 cubic yards of soil was profiled as non-hazardous Class II material and disposed of at Chemical Waste Management, Inc. in Kettleman City, California. Copies of the disposal manifests are included as Appendix G.

REFERENCES

RWQCB (California Regional Water Quality Control Board). 1990. Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites. RWQCB, Oakland.

SWRCB (State Water Resources Control Board). 1989. Leaking Underground Fuel Tank (LUFT) Manual. SWRCB, Sacramento.

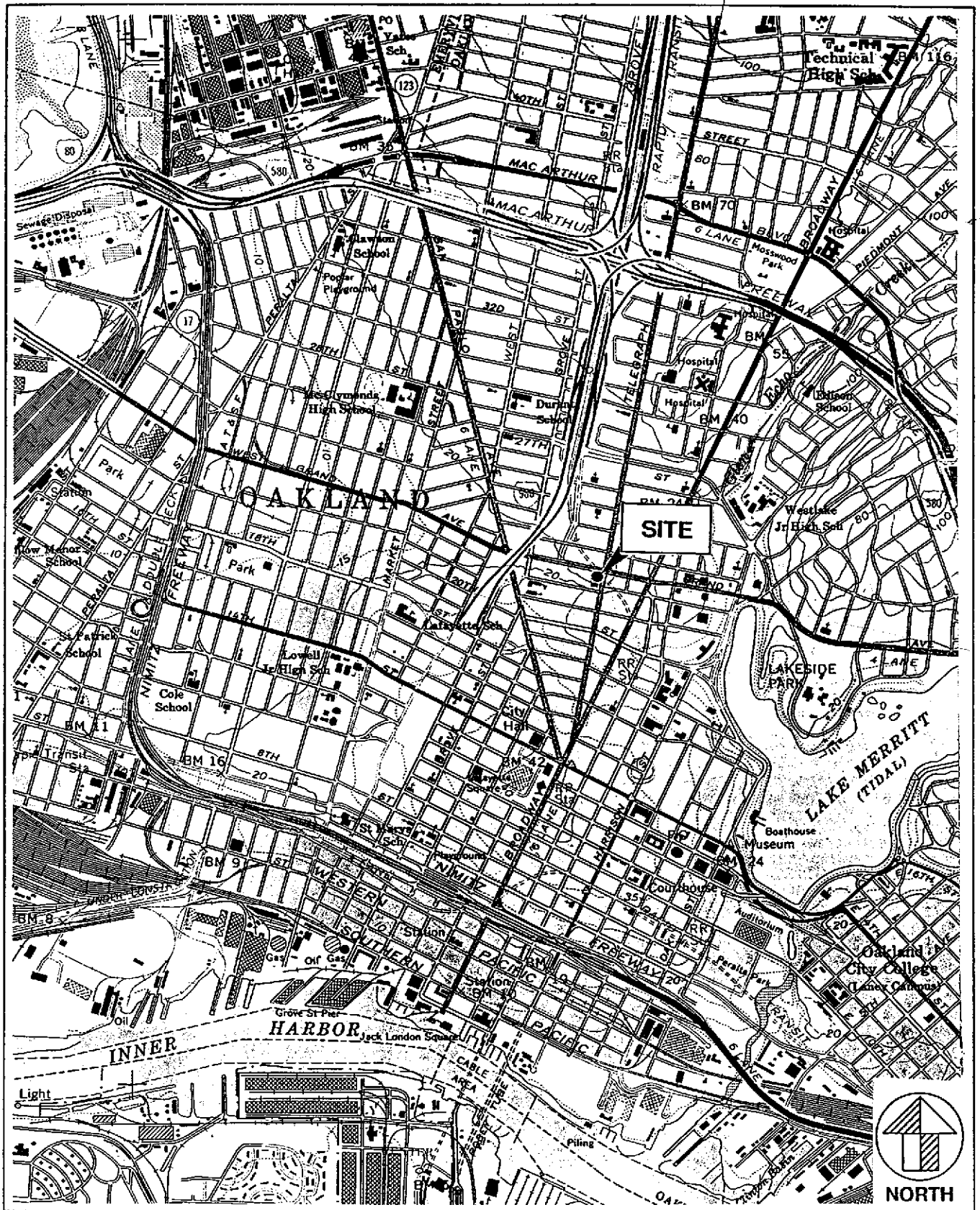
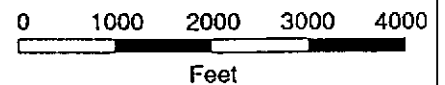


Figure 1. Location and topography of Exxon RS 7-0235, Oakland, California.

Scale: 1 : 24000



ENVIRONMENTAL SERVICES
Western Division

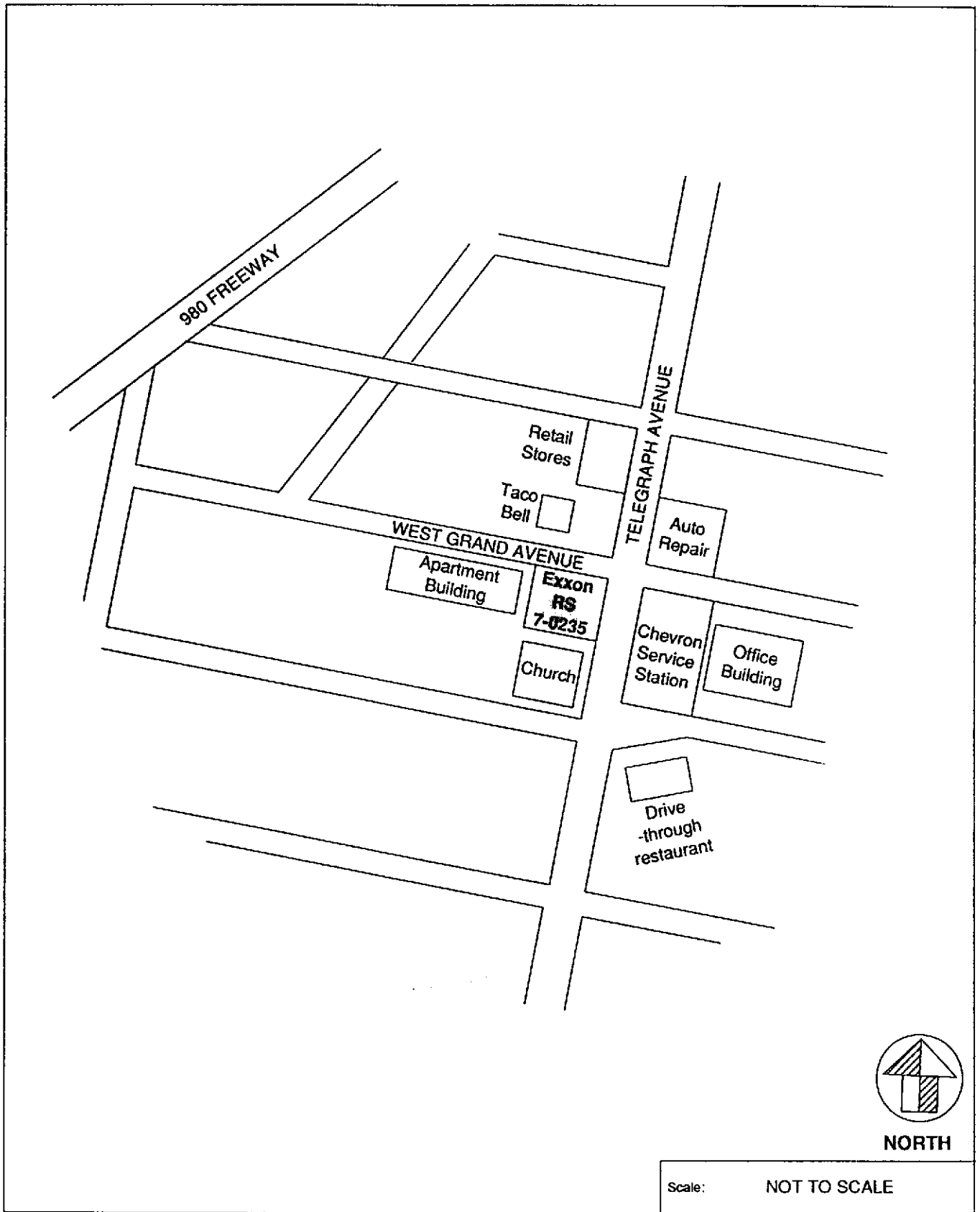


Figure 2. Land use in the immediate vicinity of Exxon RS 7-0235, 2225 Telegraph Ave., Oakland, California.



ENVIRONMENTAL SERVICES
Western Division

Drawn	RK	Date	11/26/91
Reviewed	<i>[Signature]</i>	Date	4 Feb 92
Rev. 1		Date	
Final	<i>[Signature]</i>	Date	15 Jan 92

MDRW/7-0235/ROI/JAN'92

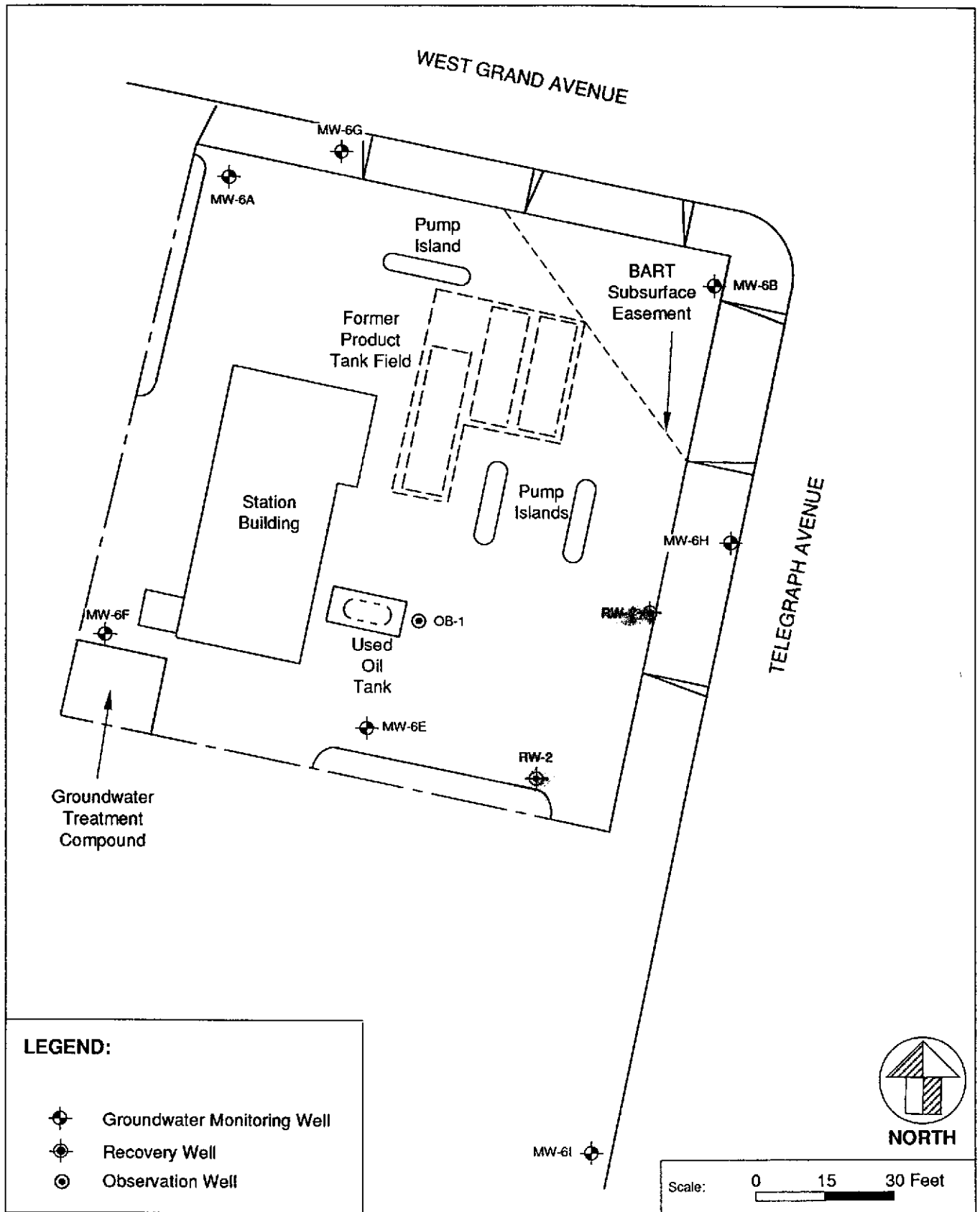


Figure 3. Site plan indicating locations of groundwater monitoring and recovery wells, Exxon RS 7-0235, 2225 Telegraph Ave., Oakland, California.



ENVIRONMENTAL SERVICES
Western Division

Drawn	RK	Date	11/26/91
Reviewed		Date	
Rev. 1		Date	
Final	<i>TKW</i>	Date	<i>12 May 92</i>

MDRW7-0235/RO1/JAN'92

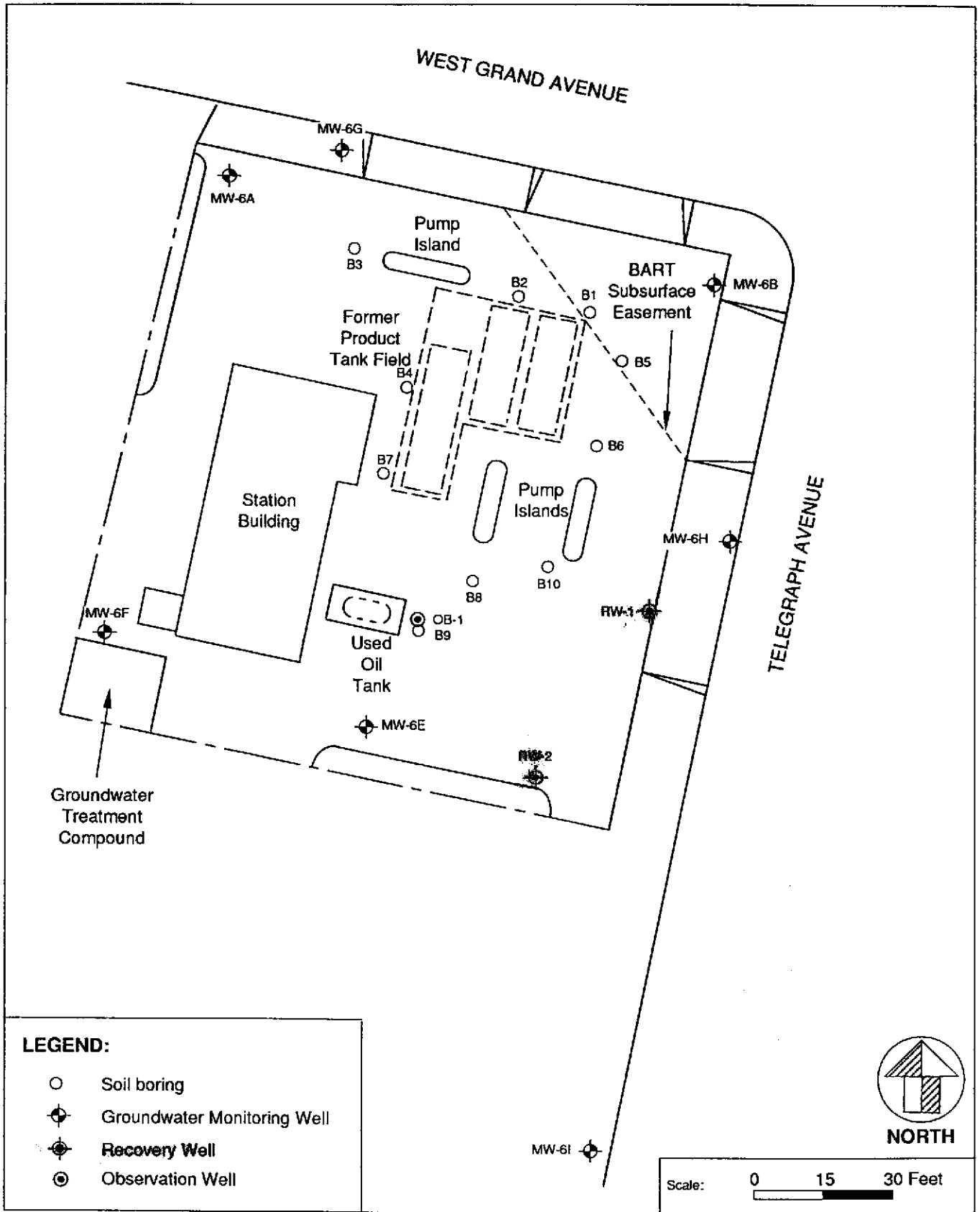


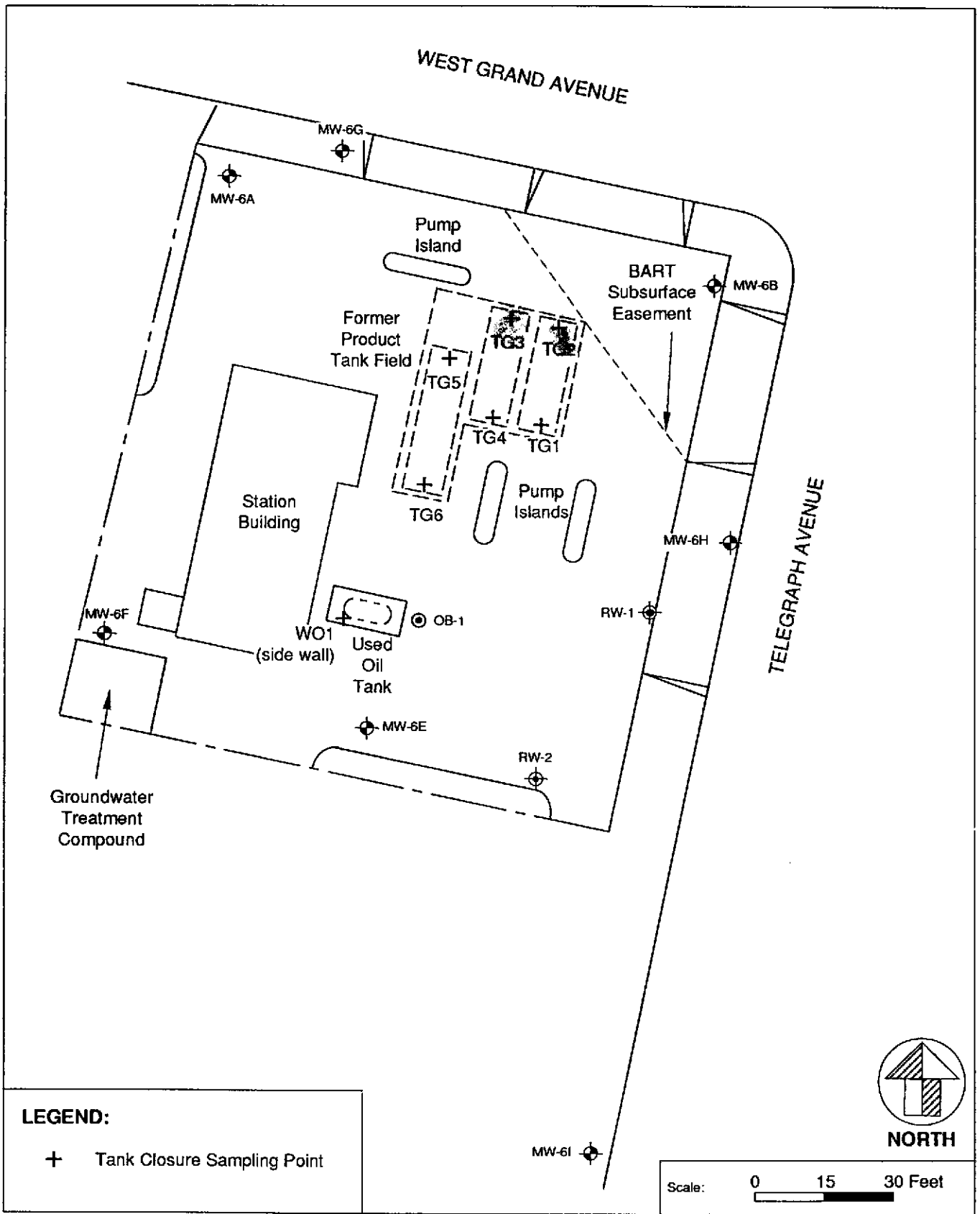
Figure 4. Locations of soil borings, Exxon RS 7-0235, Oakland, California, 19 March 1991.



ENVIRONMENTAL SERVICES
Western Division

Drawn	RK	Date	11/26/91
Reviewed		Date	
Rev. 1		Date	
Final	<i>RK</i>	Date	12 May 92

MDRW/7-0235/ROV/JAN'92



LEGEND:

+ Tank Closure Sampling Point

Figure 5. Locations of closure soil samples collected from the product storage tank pit and used oil tank pit, Exxon RS 7-0235, Oakland, California, 27 November 1991.



ENVIRONMENTAL SERVICES
Western Division

Drawn	RK	Date	11/26/91
Reviewed		Date	
Rev. 1		Date	
Final	<i>TEW</i>	Date	<i>12/23/92</i>

MDRW7-0235/RO/JAN'92

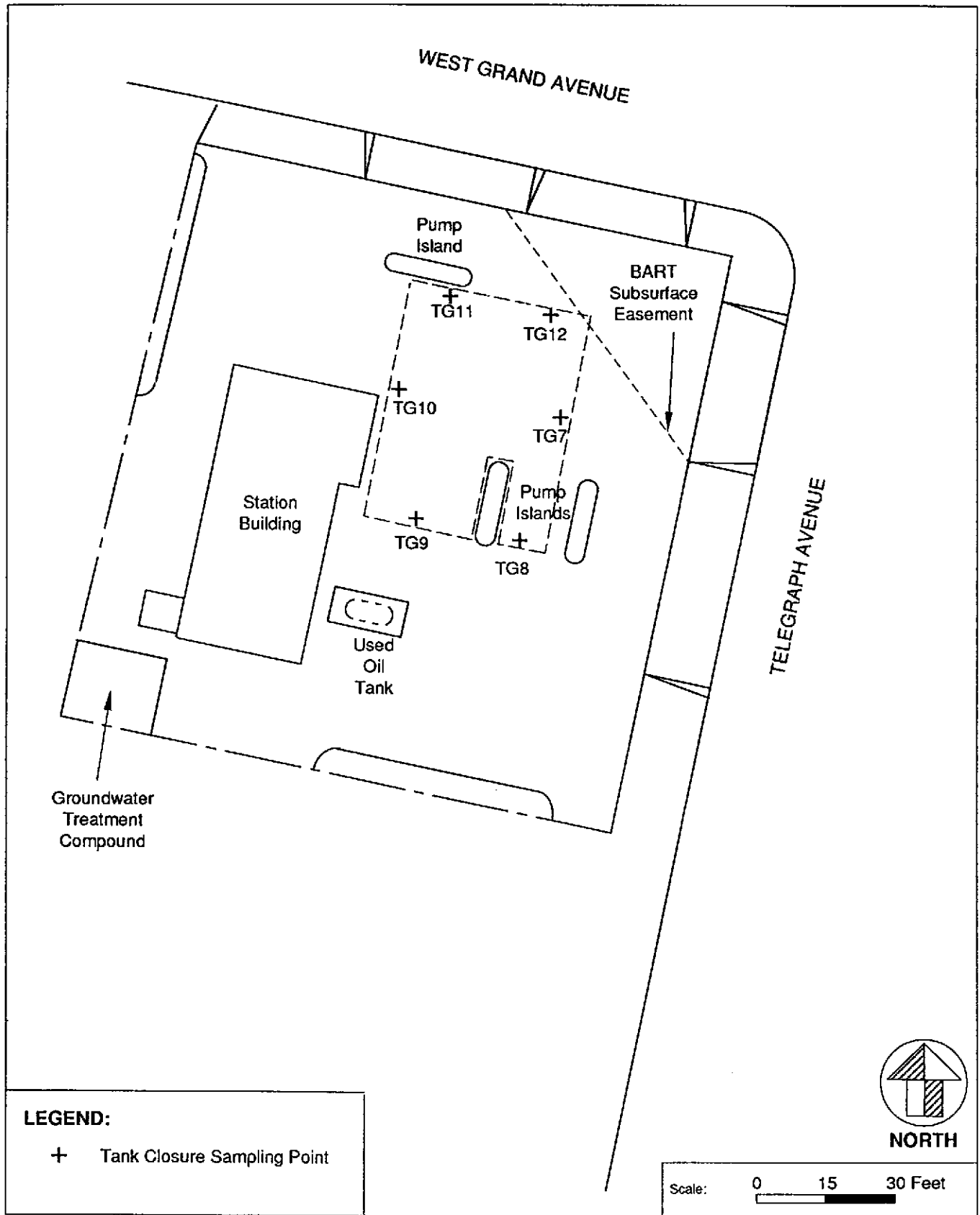


Figure 6. Locations of new product storage tank field and additional closure soil samples collected from the side walls of the new product storage tank pit, Exxon RS 7-0235, Oakland, California, 3 December 1991.



ENVIRONMENTAL SERVICES
Western Division

Drawn	RK	Date	11/26/91
Reviewed		Date	
Rev. 1		Date	
Final	<i>Tew</i>	Date	12 May '92

MDRW/7-0235/RO/JAN'92

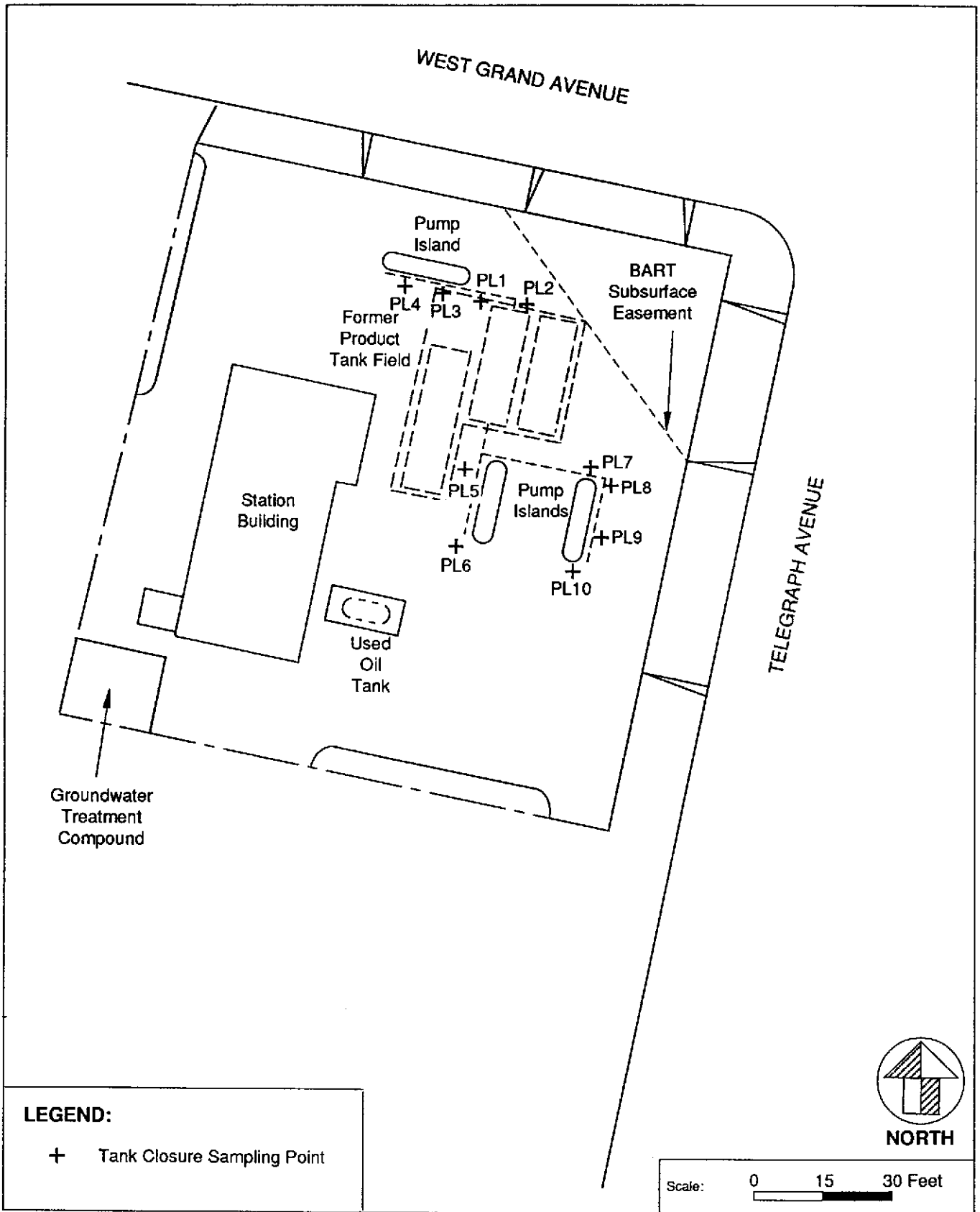


Figure 7. Locations of closure soil samples collected from the product piping trenches, Exxon RS 7-0235, Oakland, California, 6 December 1991.



ENVIRONMENTAL SERVICES
Western Division

Drawn	RK	Date	11/26/91
Reviewed		Date	
Rev. 1		Date	
Final	<i>TEW</i>	Date	12/26/91

MDRW/7-0235/ROI/JAN'92

TABLE 1 CONCENTRATIONS (mg/kg) OF PETROLEUM HYDROCARBONS IN SOIL SAMPLES COLLECTED FROM SOIL BORINGS, EXXON RS 7-0235, OAKLAND, CALIFORNIA, 19 MARCH 1991 (ALTON GEOSCIENCE)

Sample No.	Depth (ft)	Benzene	Toluene	Ethylbenzene	Xylenes	Total Petroleum Hydrocarbons as gasoline	Oil and Grease
B-1	5.5	1.2	0.87	11	7.7	240	--
B-1	10.5	81	660	310	1,600	10,000	--
B-1	15.5	8.4	77	56	310	4,400	--
B-2	5.5	1.0	7.2	11	47	880	--
B-2	10.5	3.5	38	26	150	2,400	--
B-2	14.5	33	170	150	980	9,900	--
B-3	5.5	<0.003	<0.003	<0.003	<0.003	<1.0	--
B-3	10.5	0.022	0.14	0.18	3.2	11	--
B-4	5.5	0.036	<0.003	<0.003	<0.003	<1.0	--
B-4	10.5	0.370	0.15	0.18	0.93	7	--
B-5	5.5	0.82	3.6	4.2	22	310	--
B-5	10.5	0.69	1.4	0.58	3.2	40	--
B-6	5.5	0.054	0.003	0.005	0.011	<1.0	--
B-6	10.5	0.15	0.067	0.019	0.09	2	--
B-7	5.5	<0.003	<0.003	<0.003	<0.003	<1.0	--
B-7	10.5	<0.003	<0.003	<0.003	<0.003	<1.0	--
B-8	5.5	<0.003	<0.003	<0.003	<0.003	<1.0	--
B-8	10.5	0.048	0.013	<0.003	0.025	<1.0	--
B-9	5.5	--	--	--	--	--	<50
B-9	10.5	--	--	--	--	--	<50
B-9	14.5	--	--	--	--	--	<50
B-10	5.5	0.085	<0.003	0.006	<0.003	<1.0	--
B-10	10.5	0.27	0.075	0.026	0.1	2	--

TABLE 2 CONCENTRATIONS (mg/kg) OF PETROLEUM HYDROCARBONS AND LEAD IN SOIL CLOSURE SAMPLES COLLECTED FROM THE TANK PIT, EXXON RS 7-0235, OAKLAND, CALIFORNIA, 27 NOVEMBER AND 3 DECEMBER 1991

Sample No.	Depth (ft)	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Xylenes</u>	<u>TPH-g</u>	<u>Lead</u>
<u>27 November 1991</u>							
TG1	13	0.370	2	3	82	130	--
TG2	13	70	950	280	1,100	10,000	--
TG3	13	70	540	200	900	6,300	--
TG4	13	0.770	7.3	3.3	18	130	--
TG5	13	0.65	0.0084	0.140	0.160	10	--
TG6	13	<0.050	0.200	0.230	1	12	--
<u>3 December 1991</u>							
TG7	12	1.7	15	7.2	34	430	<10
TG8	12	1.7	7.9	4.4	19	240	<10
TG9	12	0.052	0.033	0.021	0.067	<1.0	13
TG10	12	0.051	<0.005	0.044	<0.005	1.7	13
TG11	12	1.5	10	6.2	29	420	13
TG12	12	4.3	24	11	49	660	<10

Tank bottom

sidewall

TABLE 3 CONCENTRATIONS OF PETROLEUM HYDROCARBONS AND METALS IN CLOSURE SOIL AND GROUND-WATER SAMPLES COLLECTED FROM USED OIL TANK PIT, EXXON RS 7-0235, OAKLAND, CALIFORNIA, 27 NOVEMBER 1991

Soil (mg/kg)							
Sample No.	Depth (ft)	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d
WO1-8020 ¹	7	0.0057	<0.005	0.015	<0.005	1.1	22*
WO1-8240 ²	7	200	1,200	380	2,100	--	--
	TOG	Cd	Cr	Ni	Pb	Zn	
WO1	580	1.3	48	81	<10	42	

Water (µg/L)							
Sample No.	Depth (ft)	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d
UOW-8020 ¹		12	4.9	19	72	550 *	18,000*
UOW-624 ³		15	7	20	<5	--	--
	TOG	Cd	Cr	Ni	Pb	Zn	
UOW	580	<5	<10	30	<100	10	

* Hydrocarbons greater than C22.

¹ Sample analyzed by EPA Method 8020 GC/MS, MDL 0.005 mg/kg.

² Sample analyzed by EPA Method 8240 GC/MS, MDL 6.2 mg/kg.

³ Sample analyzed by EPA Method 624 GC/MS, MDL 5 µg/L.

Note: Samples WO1 (soil) and UOW (water) were also analyzed for halogenated volatile organics by EPA Method 8240 GC/MS and 624 GC/MS; because concentrations of aromatic hydrocarbons were high, the method detection limits for halogenated volatile organics were increased to 6.2 mg/kg. No concentrations greater than method detection limits were measured in either sample, except for bromoform at 70 µg/L in sample UOW.

TABLE 4 CONCENTRATIONS (mg/kg) OF PETROLEUM HYDROCARBONS
 IN SOIL CLOSURE SAMPLES COLLECTED FROM PRODUCT
 LINE TRENCHES, EXXON RS 7-0235, OAKLAND, CALIFORNIA,
 6 DECEMBER 1991

<u>Sample No.</u>	<u>Depth (ft)</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Xylenes</u>	<u>TPH-g</u>
PL1	2	<0.020	0.077	0.035	0.140	<4.0
PL2	2	<0.005	<0.005	<0.005	<0.005	<1.0
PL3	2	0.690	0.450	2.3	7.3	150
PL4	2	2.7	17	5.7	29	330
PL5	2	0.0053	<0.005	0.0088	0.0086	<1.0
PL6	2	<0.020	0.048	0.052	0.033	4.9
PL7	2	<0.020	0.095	0.180	0.250	38
PL8	2	0.330	0.590	0.080	0.720	5.8
PL9	2	<0.005	<0.005	<0.005	<0.005	1.9
PL10	2	<0.005	<0.005	<0.005	<0.005	<1.0

TABLE 5 CONCENTRATIONS (mg/kg) OF PETROLEUM HYDROCARBONS IN SOIL SAMPLES COLLECTED FROM STOCKPILED SOIL, EXXON RS 7-0235, OAKLAND, CALIFORNIA, 27 NOVEMBER 6 AND 11 DECEMBER 1991

<u>Sample No.</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-benzene</u>	<u>Xylenes</u>	<u>TPH-g</u>
SS1-4	<0.020	0.370	0.910	1.7	120
SS5-8	<0.050	1.9	1.7	7.8	180
SS9-12	0.170	8.9	5.4	26	270
SS13-16	0.022	0.480	0.300	1.5	30
SS17-20	<0.020	1.8	1.9	7.8	130
SS21-24	<0.005	<0.005	<0.005	0.011	<1.0
SS25-28	<0.005	<0.005	0.025	0.0083	1.2
EA1-4	<0.250	0.110	0.130	1.5	46
EA5-8	<0.500	0.610	0.400	5.8	94
EA9-12	<1.0	2.3	3.2	24	390
EA13-16	0.150	0.830	0.700	4.3	80
EA17-20	<1.0	16	18	100	1,200
EA21-24	1.1	20	16	90	980
EA25-28	12	88	37	190	1,900
EA29-32	17	190	94	480	4,200

<u>Sample No.</u>	<u>TPH-d</u>	<u>TOG</u>	<u>Cd</u>	<u>Cr</u>	<u>Ni</u>	<u>Pb</u>	<u>Zn</u>	<u>STLC Lead</u>
SS1-4	--	--	--	--	--	--	--	<1.0
SS25-28	35*	310	<1.0	43	55	19	41	--

* Hydrocarbons greater than C22 present.

TABLE 5 (continued)

<u>Sample No.</u>	<u>Reactivity (mg/kg)</u>		<u>Corrosivity (pH)</u>	<u>Flash Point (Degrees C)</u>
	<u>Sulfides</u>	<u>Cyanide</u>		
SS17-20	<1.0	<0.5	7.9	>60
EA21-24	<1.0	<0.5	8.4	>60

Note: Sample SS25-28 was also analyzed for halogenated volatile organics by EPA Method 8240. No concentrations greater than method detection limits were detected. A 96-hour static hazardous waste toxicity test using fathead minnows was also run on sample SS17-20. Fathead minnow survival was 100%. Laboratory analytical reports are included in Appendix F.

APPENDIX A

Preliminary Soil Assessment Report, Alton Geoscience, Inc., 25 April 1991

PRELIMINARY SOIL ASSESSMENT REPORT

**Exxon Company, U.S.A.
Exxon Service Station No. 7-0235
2225 Telegraph Avenue
Oakland, California**

Project No. 30-0483

Prepared for:

**Exxon Company, U.S.A.
2300 Clayton Road
Concord, California**

Prepared by:

Alton Geoscience, Inc.

April 25, 1991

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1.0 INTRODUCTION	1
1.1 Purpose and Scope	1
1.2 Site Location and Description	1
2.0 FIELD AND ANALYTICAL METHODS	1
2.1 Soil Boring and Sampling	2
2.2 Laboratory Analysis	2
3.0 DISCUSSION OF RESULTS	3
4.0 FINDINGS AND CONCLUSIONS	3

TABLE 1 - Summary of Analytical Results for Soil Samples

FIGURES

- 1 Site Plan
- 2 Cross Sections A-A' and B-B'

APPENDICES

- A Drilling and Soil Sampling Procedures
- B Boring Logs
- C Analytical Methods, Official Laboratory Reports, and Chain of Custody Records

1.0 INTRODUCTION

Exxon Company, U.S.A. retained Alton Geoscience, Inc. in February 1991 to conduct a preliminary soil assessment at Exxon Service Station No. 7-0235, located at 2225 Telegraph Avenue, Oakland, California. The site plan is shown as Figure 1.

1.1 Purpose and Scope

This preliminary soil assessment work was performed to obtain a qualitative estimate of the extent of petroleum hydrocarbons in the soil, if any, prior to tank replacement activities.

The tasks performed under this preliminary soil assessment included the following:

- Drilling, logging, and backfilling of 10 exploratory soil borings.
- Collection of soil samples and laboratory analysis for specified hydrocarbon constituents.
- Analysis of data and preparation of this report presenting the results, findings, and conclusions of the preliminary assessment.

The above tasks and related field and sampling activities were performed in accordance with the requirements of the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) and the Alameda County Department of Health (ACDH).

1.2 Site Location and Description

Exxon Service Station No. 7-0235 is located on the west corner of the intersection of Telegraph Avenue and West Grand Avenue in Oakland, California. The site is presently an operating service station with three underground fuel storage tanks and one underground waste oil tank. The site plan shows the present tank locations and proposed new fuel tank configurations.

2.0 FIELD AND ANALYTICAL METHODS

The procedures and methods used during field activities are discussed below, and a description of the drilling and sampling procedures is presented in Appendix A.

2.1 Soil Borings and Sampling

On March 19, 1991, Alton Geoscience, Inc. supervised the drilling of 10 exploratory soil borings at the site. All drilling activities were performed by West Hazmat Drilling Corporation of Rancho Cordova, California using a truck-mounted CME-55 drilling rig. All soil borings were drilled using 4-inch-diameter hollow-stem augers to depths ranging from 15-1/2 to 16-1/2 feet below grade. Borings B-1, B-2, B-4, and B-7 were drilled in the vicinity of the existing underground fuel tanks; Borings B-3, B-5, B-6, B-8, and B-10 were drilled in the vicinity of the dispenser islands and associated piping; and Boring B-9 was drilled in the vicinity of the waste oil tank. All borings were backfilled to grade with neat cement. The locations of the soil borings are shown in Figure 1.

Boring logs were generated using the Unified Soil Classification System including a description of soil characteristics such as color, moisture, consistency, and field readings using an organic vapor meter. The boring logs are included as Appendix B.

2.2 Laboratory Analysis

All laboratory analyses of soil samples were performed by a California-certified analytical laboratory, using standard test methods of the U.S. Environmental Protection Agency (EPA) and the California Department of Health Services (DHS). Superior Analytical Laboratory of Martinez, California analyzed the soil and ground water samples.

Selected soil samples from Borings B-1 through B-8 and B-10 were analyzed for the following constituents:

- Total petroleum hydrocarbons as gasoline (TPH-G) using EPA Methods 5030/8015
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) constituents using EPA Methods 5030/8020

Selected soil samples from Boring B-9 were analyzed for total oil and grease (TOG) using EPA Method 5520DF.

The results of the laboratory analysis of soil samples are summarized in Table 1, while the official laboratory reports and chain of custody records are included in Appendix C.

3.0 DISCUSSION OF RESULTS

Twenty-three soil samples were collected from the soil borings and analyzed for the specified hydrocarbon constituents. The results of the field activities and laboratory analysis of soil samples collected during this investigation are discussed below.

- Ground water was encountered in the soil borings at a depth of 14 feet below grade.
- Soil types encountered at the site during drilling and sampling generally consisted of silty and clayey sand overlying a sand deposit consistently encountered at a depth of 14 feet below grade.
- Analysis of soil samples collected from Borings B-1 and B-2 at depths of approximately 10 to 15 feet below grade detected high concentrations (up to 10,000 parts per million (ppm) of TPH-G and 81 ppm of benzene) of hydrocarbon constituents.
- TPH-G and/or BTEX constituents were detected in soil samples collected from each boring with the exception of Boring B-7. TOG was not detected above the reported detection limit in the soil samples from Boring B-9, which was drilled in the vicinity of the waste oil tank.

4.0 FINDINGS AND CONCLUSIONS

The findings and conclusions of this preliminary site assessment are summarized below. The estimated extent of TPH-G in the soil at a concentration greater than 100 ppm is shown in Figure 1 as well as in the cross sections shown in Figure 2.

- The highest hydrocarbon constituents in the soil at the site appear to be concentrated near the eastern part of the underground fuel tanks and along nearby product piping.
- A soil sample collected from Boring B-5 at a depth of 5.5 feet below grade had 310 ppm TPH-G, which suggests a release from the product lines in that vicinity, or from the underground fuel storage tank field that may have migrated along the product line trench.

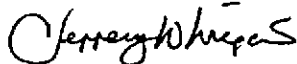
- Since soil samples cannot be collected from directly beneath the existing underground fuel storage tanks and dispenser islands using a drilling rig, the extent of hydrocarbons in the subsurface soil in these areas cannot be assessed at this time.
- Based on the results of this preliminary qualitative assessment, the volume of soil with TPH-G concentration greater than 100 ppm at the site is estimated to be approximately ~~700 to 1,000~~ cubic yards, based on a maximum excavation depth to ground water at 14 feet below grade. The actual volume of hydrocarbon-impacted soil that may need to be excavated will depend, however, on local regulatory agency requirements and on the vertical and lateral extent of hydrocarbons in the soil.

ALTON GEOSCIENCE, INC.

This report was based on currently available data and was developed in accordance with current hydrogeologic and engineering practices.



Brady Nagle
Project Manager



Jeffery W. Wiegand, CEG 331
Vice President

TABLE 1

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

Exxon Service Station No. 7-0235

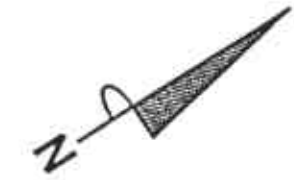
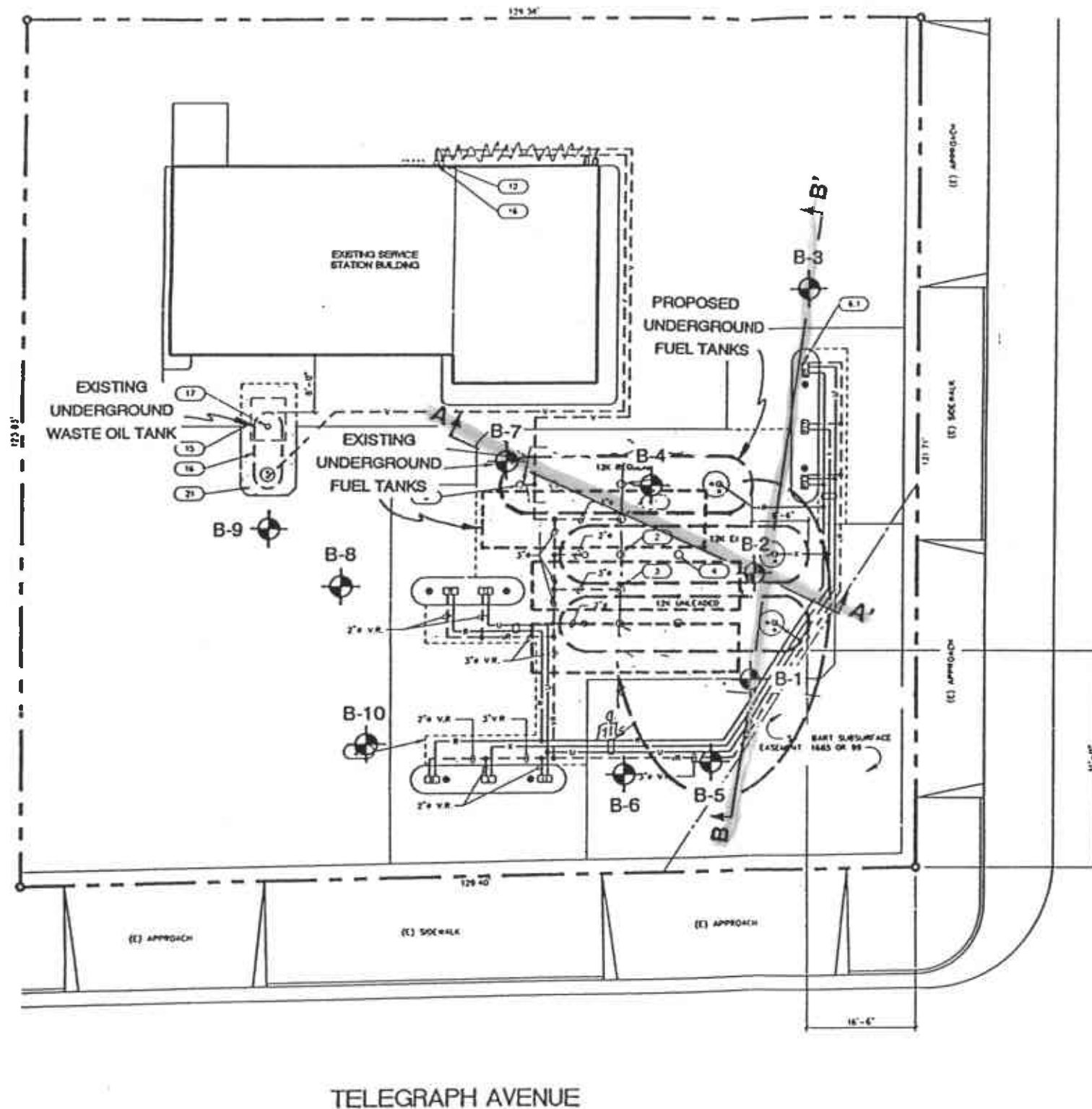
Boring No.	Depth	TPH-G	Benzene	Toluene	Ethyl-benzene	Xylenes	TOG
Concentrations in Parts Per Million							
Date of Sampling - March 19, 1991							
B-1	5.5	240	1.2	0.87	11	7.7	--
B-1	10.5	10,000	81	660	310	1,600	--
B-1	15.5	4,000	8.4	77	56	310	--
B-2	5.5	880	1	7.2	11	47	--
B-2	10.5	2,400	3.5	38	26	150	--
B-2	14.5	9,900	33	170	150	980	--
B-3	5.5	ND<1	ND<0.003	ND<0.003	ND<0.003	ND<0.003	--
B-3	10.5	11	0.022	0.14	0.18	1	--
B-4	5.5	ND<1	0.036	ND<0.003	ND<0.003	ND<0.003	--
B-4	10.5	7	0.370	0.15	0.18	0.93	--
B-5	5.5	310	0.82	3.6	4.2	22	--
B-5	10.5	40	0.69	1.4	0.58	3.2	--
B-6	5.5	ND<1	0.054	0.003	0.005	0.011	--
B-6	10.5	2	0.15	0.067	0.019	0.09	--
B-7	5.5	ND<1	ND<0.003	ND<0.003	ND<0.003	ND<0.003	--
B-7	10.5	ND<1	ND<0.003	ND<0.003	ND<0.003	ND<0.003	--
B-8	5.5	ND<1	ND<0.003	ND<0.003	ND<0.003	ND<0.003	--
B-8	10.5	ND<1	0.048	0.013	ND<0.003	0.025	--
B-9	5.5	--	--	--	--	--	ND<50
B-9	10.5	--	--	--	--	--	ND<50
B-9	14.5	--	--	--	--	--	ND<50
B-10	5.5	ND<1	0.085	ND<0.003	0.006	ND<0.003	--
B-10	10.5	2	0.27	0.075	0.026	0.1	--

TPH-G = Total petroleum hydrocarbons as gasoline

TOG = Total oil and grease

ND = Not detected above the method detection limits

-- = Not analyzed



LEGEND

- SOIL BORING LOCATION
- A — A' LINE OF CROSS SECTION
- ESTIMATED LATERAL EXTENT OF SOIL WITH >100 PARTS PER MILLION TOTAL PETROLEUM HYDROCARBONS AS GASOLINE

FIGURE 1
SITE PLAN

EXXON SERVICE STATION NO. 7-0235
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

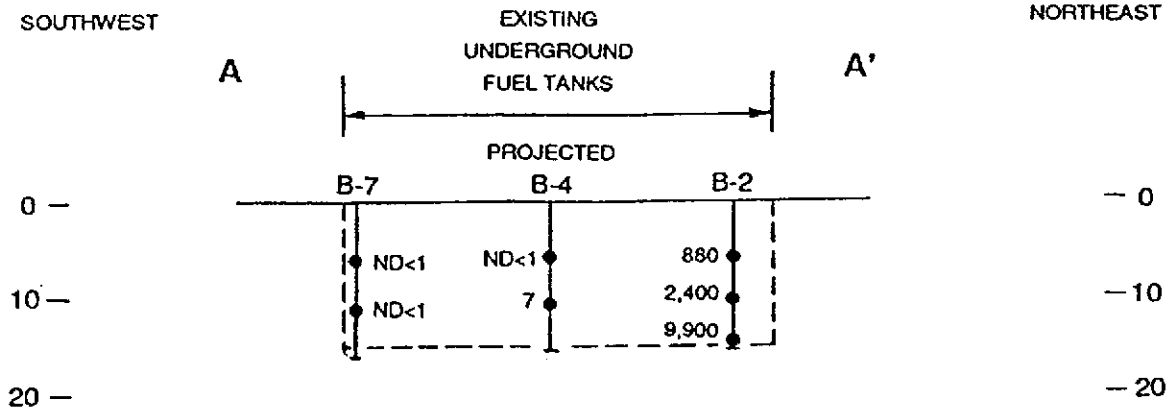
ALTON GEOSCIENCE PROJECT NO. 30-0483



ALTON GEOSCIENCE
1000 Burnett Ave., Ste 140
Concord, CA 94520

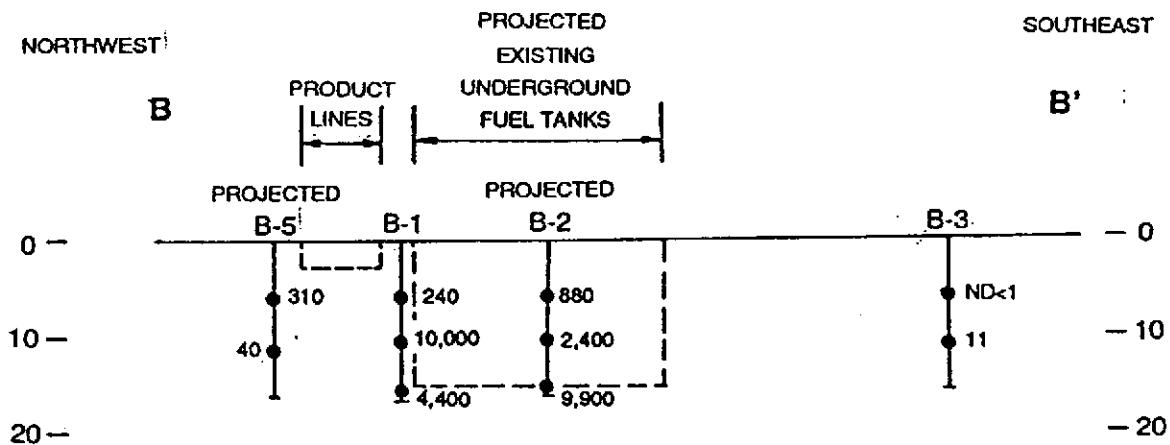
SOUTHWEST

NORTHEAST



NORTHWEST

SOUTHEAST



SCALE: 1" = 20' HORIZONTAL
 1" = 20' VERTICAL

DISTANCES AND DEPTHS
 BELOW GRADE IN FEET

LEGEND

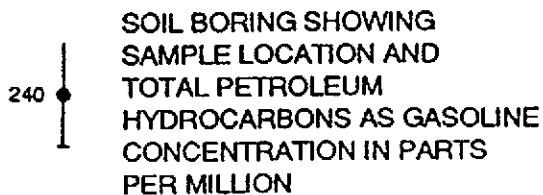


FIGURE 2
CROSS SECTIONS A-A' AND B-B'

EXXON SERVICE STATION NO. 7-0235
 2225 TELEGRAPH AVENUE
 OAKLAND, CALIFORNIA

ALTON GEOSCIENCE PROJECT NO. 30-0483



ALTON GEOSCIENCE

1000 Burnett Ave., Ste 140
 Concord, CA 94520

APPENDIX A
DRILLING AND SOIL SAMPLING PROCEDURES

APPENDIX A

DRILLING AND SOIL SAMPLING PROCEDURES

Soil borings/monitoring wells were drilled using 4-inch-diameter, continuous-flight hollow-stem augers. To avoid cross-contamination, the augers were steam cleaned prior to drilling each boring.

Soil samples were obtained for soil description, field hydrocarbon vapor testing, and laboratory analysis. Samples were collected at 5-foot intervals from the borings drilled for this preliminary site assessment.

Soil samples collected at 5-foot intervals were retrieved ahead of the lead auger using an 18-inch-long by 2-inch-diameter split spoon sampler lined with 1.5-inch-diameter stainless steel sample tube inserts. The sampler and sample tubes were washed with a sodium tripolyphosphate solution and rinsed before each sampling event. The sampler was driven by a 30-inch free fall of a 140-pound hammer. Blow counts were recorded for three successive 6-inch intervals.

Upon retrieval from the sampler, the sample tube to be chemically analyzed was removed and securely sealed with aluminum sheeting and polyurethane caps. The sample was labeled with sample identification, sample depth, engineer's initials, and date of collection. The soil sample was kept on dry ice prior to and during transport to a California-certified laboratory.

The remaining soil recovered was described in accordance with the Unified Soil Classification System. For each soil type, field estimates of density/consistency, moisture, color, grading, and soil type were recorded on the boring logs.

APPENDIX B
BORING LOGS

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

FIELD LOCATION OF BORING

Tank Cluster
(New Tank Area)

SURFACE ELE. _____ DATUM _____

PROJECT NO. 30-483 DATE DRILLED 3-19-91
 CLIENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JD APPROVED BY _____

BORING NO.

1
WELL NO.

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

WATER LEVEL					
DATE					
TIME					

BLOW COUNTS	PIDOVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION
			0		
			2		
			4		
322	273		6		
			8		
322	362		10		
			12		
			14		
614.20	246		16		

DESCRIPTION

2" of Asphalt

SM SILTY SAND: brown, moist, fine-grained sand, loose
color change: dark green

SC CLAYEY SAND: dark green, moist, moderate plasticity, fine-grained sand, loose

SP SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense

End of boring at 16.5'
 Ground water encountered at 14'
 Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
 CLIENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JD APPROVED BY _____

BORING NO.
2
WELL NO.

FIELD LOCATION OF BORING

Tank Cluster

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

WATER LEVEL							
DATE	TIME						

BLOW COUNTS	PIDCOVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION
			0		
			2		
			4		
42.2	173		6		Sm
			8		SC
32.2	201		10		
			12		
73.5	144		14		SP
			16		

DESCRIPTION

2" of Asphalt
 SILTY SAND: brown, moist, fine-grained sand, loose
 color change: dark green

CLAYEY SAND: dark green, moist, moderate plasticity, fine-grained sand, loose

SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, loose

End of boring at 15.5'
 Ground water encountered at 14'
 Backfilled with neat cement

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
 CLIENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JO APPROVED BY _____

BORING NO.
3
WELL NO.

FIELD LOCATION OF BORING

Pump Island

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

WATER LEVEL					
DATE					
TIME					

BLOW COUNTS	PIDOVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	DESCRIPTION
			0		Sm	2" of Asphalt
			2			SILTY SAND: brown, moist, fine-grained sand, abundant zones discolored dark green, dense.
			4			
6.1620	288		6			
			8		CL	SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, stiff
4.6.6	322		10			
			12			
3.0.24	405	∇	14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense.
			16			End of boring at 15.5' Ground water encountered at 14.' Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
 CLIENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JD APPROVED BY _____

BORING NO.
4
WELL NO.

FIELD LOCATION OF BORING

Tank Cluster

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

BLOW COUNTS	PIDOVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USGS CLASSIFICATION	DESCRIPTION
			0		SM	2" of Asphalt
			2			SILTY SAND: brown, moist, fine-grained sand, abundant zones discolored dark green, dense
			4			
6.14.18	114		6			
			8		CC	SILTY CLAY: light brown, moist, moderate plasticity, discoloration in rootlet zones, hard
5.19.22	239		10			
			12			
6.16.25	320		14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense
			16			End of boring at 15.5' Ground water encountered at 14' Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
 CLIENT Exxon
 LOCATION 2725 Telegraph, Oakland
 LOGGED BY JO APPROVED BY _____

BORING NO.
5
WELL NO.

FIELD LOCATION OF BORING

Tank Cluster

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

BLOW COUNTS	PIDOVA READING	WELL CONSTRUC- TION	DEPTH	SAMPLE	USCS CLASSI- FICATION	WATER LEVEL					
						DATE					
						TIME					
						DESCRIPTION					
			0		SM	2" of Asphalt SILTY SAND: olive green, moist, fine-grained sand, dense					
			2								
			4								
4, 6, 8	338		6								
			8		CL	SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, very stiff					
6, 8, 10	64		10								
			12								
			14		SP	SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, medium dense					
1, 10, 16	269		16			End of boring at 15.5' Ground water encountered at 14' Backfilled with neat cement.					

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
 CLIENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JO APPROVED BY _____

BORING NO.
6
WELL NO.

FIELD LOCATION OF BORING

Tank Cluster /
Pump Island

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

WATER LEVEL					
DATE	TIME				

BLOW COUNTS	PIDOVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION
			0		
			2		
			4		
<u>12.22.28</u>	<u>192</u>		6		
			8		
<u>12.15.29</u>	<u>130</u>		10		
			12		
<u>3.15.30</u>	<u>252</u>	<u>Δ</u>	14		
			16		

DESCRIPTION

2" of Asphalt

0 - 6' SM SILTY SAND: olive green, moist, fine-grained sand, dense

6 - 14' CL SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, hard

14 - 15.5' SP SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense

End of boring at 15.5'
 Ground water encountered at 14'.
 Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
 CLIENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JD APPROVED BY _____

BORING NO.
7
WELL NO.

FIELD LOCATION OF BORING

Tank Cluster

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

WATER LEVEL					
DATE					
TIME					

BLOW COUNTS	PIDOVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION
			0		
			2		
			4		
9.11.11	66		6		SM
			8		CL
6.6.6	17		10		
			12		
8.25.37	117		14		SP
			16		

DESCRIPTION
2" of Asphalt
SILTY SAND: olive green, moist, fine-grained sand, medium dense
SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, stiff
SAND with trace silt; olive green, wet, poorly graded, fine-grained sand, very dense
End of boring at 15.5'
Ground water encountered at 14'
Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE 3-19-91
 CLIENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JD APPROVED BY _____

BORING NO.
8
WELL NO.

FIELD LOCATION OF BORING

Pump Island

DRILLING METHOD 4" U.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

WATER LEVEL					
DATE					
TIME					

BLOW COUNTS	PID/OVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION
			0		
			2		
			4		
10.14.15	18		6		Sm
			8		CL
6.12.17	9		10		
			12		
5.18.21	20		14		SP
			16		

DESCRIPTION

2" of Asphalt
 SILTY SAND: olive green, moist, fine-grained sand, medium dense.

SILTY CLAY: light brown, moist, moderate plasticity, no discoloration, very stiff

SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense

End of boring at 15.5'
 Ground water encountered at 14'
 Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-483 DATE DRILLED 3-19-91
 CUENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JD APPROVED BY _____

BORING NO.
9
WELL NO.

FIELD LOCATION OF BORING

Waste Oil Tank

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

BLOW COUNTS	PIDOVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	WATER LEVEL					DESCRIPTION
						DATE					
						TIME					
			0		Sm						2" of Asphalt
			2								SILTY SAND: green, moist, fine-grained sand, dense
			4								color change: brown
6,15,19	1		6								
			8		CC						SILTY CLAY: light brown, moist, moderate plasticity, very stiff
5,10,11	0		10								
			12								
			14		SP						SAND with trace silt: brown, wet, poorly graded, fine-grained sand, dense
8,13,19	1		16								End of boring at 15.5'
											Ground water encountered at 14'
											Backfilled with neat cement.

ALTON GEOSCIENCE LOG OF EXPLORATORY BORINGS

PROJECT NO. 30-4P3 DATE DRILLED 3-19-91
 CLIENT Exxon
 LOCATION 2225 Telegraph, Oakland
 LOGGED BY JD APPROVED BY _____

BORING NO.
10
WELL NO.

FIELD LOCATION OF BORING
Pump Island

DRILLING METHOD 4" H.S.A. HOLE DIAMETER _____
 SAMPLER TYPE 2" S.S.
 CASING INSTALLATION DATA N/A
 DRILLER West Hazmat

SURFACE ELE. _____ DATUM _____

BLOW COUNTS	PIDOVA READING	WELL CONSTRUCTION	DEPTH	SAMPLE	USCS CLASSIFICATION	WATER LEVEL	DESCRIPTION				
						DATE					
			0		Sm		2" of Asphalt				
			2				SILTY SAND: brown, moist, fine-grained sand, medium dense				
			4		CL		SILTY CLAY: light brown, moist, moderate plasticity, very stiff				
9.19.20	15		6								
			8								
4.8.13	34		10								
			12								
			14		SP		SAND with trace silt: olive green, wet, poorly graded, fine-grained sand, dense				
10.21.21	32.6		16				End of boring at 15.5'				
							Ground water encountered at 14'				
							Backfilled with neat cement.				

APPENDIX C

**ANALYTICAL METHODS, OFFICIAL LABORATORY REPORTS,
AND CHAIN OF CUSTODY RECORDS**

APPENDIX C

ANALYTICAL METHODS, OFFICIAL LABORATORY REPORTS, AND CHAIN OF CUSTODY RECORDS

This appendix includes copies of the official laboratory reports and chain of custody records for soil samples selected for laboratory analysis.

Chain of custody protocol was followed for all samples. The chain of custody form(s) accompanies the samples from the sampling locality to the laboratory, providing a continuous record of possession prior to actual analysis.

SUPERIOR ANALYTICAL LABORATORIES, INC.

625 ARNOLD, STE. 114 • MARTINEZ, CALIFORNIA 94553 • (415) 229-1512

DOHS #319
DOHS #220

CERTIFICATE OF ANALYSIS

LABORATORY NO.: 82692
CLIENT: Alton Geoscience
CLIENT JOB NO.: 30-483 0024

DATE RECEIVED: 03/20/91
DATE REPORTED: 03/27/91

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/Kg) Gasoline Range
1	B-1 5.5-6	240
2	B-1 10.5-11	10000
4	B-2 5.5-6	880
5	B-2 10.5-11	2400
7	B-3 5.5-6	ND<1
8	B-3 10.5-11	11
10	B-4 5.5-6	ND<1
11	B-4 10.5-11	7
13	B-5 5.5-6	310
14	B-5 10.5-11	40
16	B-6 5.5-6	ND<1
17	B-6 10.5-11	2
19	B-7 5.5-6	ND<1
20	B-7 10.5-11	ND<1
22	B-8 5.5-6	ND<1
23	B-8 10.5-11	ND<1
28	B-10 5.5-6	ND<1
29	B-10 10.5-11	2

mg/kg - parts per million (ppm)

Method Detection Limit for Gasoline in Soil: 1 mg/Kg

QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = <15
MS/MSD Average Recovery = 96 %: Duplicate RPD = 3

APR 01 1991

Richard Srna, Ph.D.



Laboratory Manager

OUTSTANDING QUALITY AND SERVICE

SUPERIOR ANALYTICAL LABORATORIES, INC.

825 ARNOLD, STE. 114 • MARTINEZ, CALIFORNIA 94553 • (415) 229-1512

DOHS #319
DOHS #220

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 82692
CLIENT: Alton Geoscience
CLIENT JOB NO.: 30-483 0024

DATE RECEIVED: 03/20/91
DATE REPORTED: 03/27/91

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

LAB #	Sample Identification	Concentration(ug/Kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	B-1 5.5-6	1200	870	11000	7700
2	B-1 10.5-11	81000	660000	310000	1600000
3	B-2 5.5-6	1000	7200	11000	47000
5	B-2 10.5-11	3500	38000	26000	150000
7	B-3 5.5-6	ND<3	ND<3	ND<3	ND<3
8	B-3 10.5-11	22	140	180	1000
10	B-4 5.5-6	36	ND<<3	ND<<3	ND<<3
11	B-4 10.5-11	370	150	180	930
13	B-5 5.5-6	820	3600	4200	22000
14	B-5 10.5-11	690	1400	580	3200
16	B-6 5.5-6	54	3	5	11
17	B-6 10.5-11	150	67	19	90
19	B-7 5.5-6	ND<3	ND<3	ND<3	ND<3
20	B-7 10.5-11	ND<3	ND<3	ND<3	ND<3
22	B-8 5.5-6	ND<3	ND<3	ND<3	ND<3
23	B-8 10.5-11	48	13	ND<3	25
25	B-10 5.5-6	85	ND<3	6	ND<3
29	B-10 10.5-11	270	75	26	100

ug/Kg - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/Kg
QA/QC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery =87%: Duplicate RPD = <5

APR 01 1991

Richard Srna, Ph.D.



Laboratory Manager

OUTSTANDING QUALITY AND SERVICE

SUPERIOR ANALYTICAL LABORATORIES, INC.

825 ARNOLD, STE. 114 • MARTINEZ, CALIFORNIA 94553 • (415) 229-1512

DOHS #319
DOHS #220

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 82692
CLIENT: Alton Geoscience
CLIENT JOB NO.: 30-483 0024

DATE RECEIVED: 03/20/91
DATE REPORTED: 03/27/91

ANALYSIS FOR TOTAL OIL AND GREASE
by Standard Method 5520F

LAB #	Sample Identification	Concentration(mg/Kg) Oil & Grease
25	B-9 5.5-6	ND<50
26	B-9 10.5-11	ND<50
27	B-9 14.5-15	ND<50

Method Detection Limit for Oil and Grease in Soil: 50mg/Kg

QAQC Summary: Duplicate RPD : 0

Richard Srna, Ph.D.


Laboratory Director

APR 01 1991

OUTSTANDING QUALITY AND SERVICE

SUPERIOR ANALYTICAL LABORATORIES, INC.

825 ARNOLD, STE. 114 • MARTINEZ, CALIFORNIA 94553 • (415) 229-1512

DOHS #319
DOHS #220

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 82779
CLIENT: Alton Geoscience
CLIENT JOB NO.: 30-483,0024

DATE RECEIVED: 04/02/91
DATE REPORTED: 04/03/91

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/Kg) Gasoline Range
1	b-1 15.5-16	4400
2	B-2 14.5-15	9900

mg/kg - parts per million (ppm)

Method Detection Limit for Gasoline in Soil: 1 mg/Kg

QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = <15
MS/MSD Average Recovery = 97%: Duplicate RPD = 2

Richard Srna, Ph.D.

Richard Srna
Laboratory Manager

SUPERIOR ANALYTICAL LABORATORIES, INC.

825 ARNOLD, STE. 114 • MARTINEZ, CALIFORNIA 94553 • (415) 229-1512

DOHS #319
DOHS #220

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 82779
CLIENT: Alton Geoscience
CLIENT JOB NO.: 30-483,0024

DATE RECEIVED: 04/02/91
DATE REPORTED: 04/03/91

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

AB #	Sample Identification	Concentration(ug/Kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	b-1 15.5-16	8400	77000	56000	310000
2	B-2 14.5-15	33000	170000	150000	980000

ug/Kg - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/Kg

QAQC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery = 90%: Duplicate RPD = <4

Richard Srna, Ph.D.

Richard Srna, Jr.
Laboratory Manager

OUTSTANDING QUALITY AND SERVICE

APR 05 1991

CHAIN OF CUSTODY AND ANALYSIS REQUEST

Consultant Name ALTON GEOSCIENCE
 Office Location 1000 Burnett Rd, Suite 140 Concord
 Fax No. 682-8921 CA, 94520
 Project Manager Grady Nagle
 Phone 682-1582
 Alternate ^{SITE}Contact Errol 7-0235, 2225 Telegraph, Oakland
 RAS No./Contract No. 30-483 0024

TURN AROUND TIME
 (Circle One)
 Same Day
 24 Hrs
 48 Hrs
 72 Hrs
 5 Day
 7 Day

SUPERIOR ANALYTICAL, INC.
Martinez San Francisco
 415/229-1512 415/647-2081

Sampler John De George
 Invoice to EXXON Houston

Section II

Analysis Request

Section III

Sample Information

APR 15 1001 Sample Identification	S=Soil A=Air W=Water Matrix	TPH - Diesel	TPH - Low Level D	TPH - G + BTXE	Oil + Grease	8010	8240	Metals (Zn,Cr,Cd,Pb)	Total Pb	Others * Subject to Subcontracting	Date 3-19-91	Time	Containers			Sampling Remarks
													Tubes/Jars	1L and VOA's	Quantity	
1 B-1 5.5-6	Soil			X							X		1	1		Hottest sample to be analyzed for inoheration. See Rob Watson
2 B-1 10.5-11				X												
3 B-1 15.5-16								Analyze for VPIH/BTXE								Invoies to include RAS# and CONTRACT#
4 B-2 5.5-6				X												
5 B-2 10.5-11				X												
6 B-2 14.5-15								Analyze for VPA/BTXE								HOLD ALL ~ 15 FOOT SAMPLES
7 B-3 5.5-6				X												
8 B-3 10.5-11				X												
9 B-3 14.5-15																

Relinquished by Grady Nagle
 Organization Alton Geoscience
 Relinquished by Errol
 Organization EXPRESS IT
 Relinquished by _____

Date/Time 3-19-91 6:00 PM
 Date/Time 3/20 1310
 Date/Time _____

Received by Errol 3/20 1130
 Organization EXPRESS IT
 Received by _____
 Organization _____
 Received by _____

Please initial _____
 Samples Stored in Ice _____
 Appropriate Containers _____
 Samples Preserved _____
 VOA's without Headspace _____
 Comments _____

CHAIN OF CUSTODY AND ANALYSIS REQUEST

Section I

Consultant Name ALTON GEOSCIENCE
 Office Location 1000 Burnett Rd, Suite 140 Concord CA, 94520
 Fax No. 682-8921
 Project Manager Grady Nagle
 Phone 682-1582
 Alternate Contact Site Exxon 7-0235, 2325 Telegraph, Oakland
 RAS No./Contract No. 30-483 0024

TURN AROUND TIME
 (Circle One)
 Same Day
 24 Hrs
 48 Hrs
 72 Hrs
 5 Day
 7 Day

SUPERIOR ANALYTICAL, INC.
Martinez San Francisco
 415/229-1512 415/647-2081

Sampler John De George
 Invoice to EXXON Houston

Section II Analysis Request **Section III Sample Information**

Sample Identification	S=Soil W=Water Matrix	TPH - Diesel	TPH - Low Level D	TPH - G + BTXE	Oil + Grease	8010	8240	Metals (Zn,Cr,Cd,Pb)	Total Pb	Others * Subject to Subcontracting	Date 3-19-91	Time	Containers			Sampling Remarks
													Tubes/Jars	1L and VOA's	Quantity	
1 B-1 5.5-6	Soil			X							X		1			Hottest sample to be analyzed for Inkeration. See Rob Watson
2 B-1 10.5-11				X												
3 B-1 15.5-16																
4 B-2 5.5-6				X												Invoice to include RAS# and CONTRACT#
5 B-2 10.5-11				X												
6 B-2 14.5-15																HOLD ALL ~15 FOOT SAMPLES
7 B-3 5.5-6				X												
8 B-3 10.5-11				X												
9 B-3 14.5-15																

Relinquished by John De George
 Organization Alton Geoscience
 Relinquished by John De George
 Organization EXXON
 Relinquished by _____
 Organization _____

Date/Time 3-19-91 6:00 PM
 Date/Time 3/20 1310
 Date/Time 3/20/11 1510

Received by John De George 3/20 1130
 Organization EXXON
 Received by _____
 Organization _____
 Received by _____
 Organization SUPERIOR

Please Initial _____
 Samples Stored in Ice _____
 Appropriate Containers _____
 Samples Preserved _____
 VOA's without Headspace _____
 Comments _____

CHAIN OF CUSTODY AND ANALYSIS REQUEST

Page # 1 of 4

Section I

Consultant Name ALTON GEOSCIENCE
 Office Location 1000 Burnett Rd, Suite 140 Concord
 Fax No. 682-8921 CA, 94520
 Project Manager Brady Nagle
 Phone 682-1582
 Alternate Contact _____
 RAS No./Contract No. 30-783

TURN AROUND TIME
 (Circle One)
 Same Day _____
 24 Hrs _____
 48 Hrs _____
 72 Hrs _____
 5 Day _____

SUPERIOR ANALYTICAL, INC.
Martinez San Francisco
 415/229-1512 415/647-2081

Sampler John De George
 Invoice to EXXON Houston

Section II Analysis Request Section III Sample Information

APR 01 Sample Identification	S=Soil W=Water Matrix	A=Air	TPH - Diesel	TPH - Low Level D	TPH - G + BTXE	Oil + Grease	8010	8240	Metals (Zn,Cr,Cd,Pb)	Total Pb	Others * Subject to Subcontracting					Date 3-19-91	Time	Containers			Sampling Remarks	
																		Tubes/Jars	1L and VOA's	Quantity		Pres.
1 B-4 5.5-6	Soil				X											X		7	1		Hottest sample to be analyzed	
2 B-4 10.5-11					X																	for incubation. See Rob Watson
3 B-4 14.5-15																						
4 B-5 5.5-6					X																	Invoice to include RAS# and CONTRACT#
5 B-5 10.5-11					X																	
6 B-5 14.5-15																						
7 B-6 5.5-6					X																	
8 B-6 10.5-11					X																	
9 B-6 14.5-15																						

Relinquished by <u>John De George</u>	Date/Time <u>3-19-91</u>	Received by <u>[Signature]</u>	Organization <u>EXXON</u>
Organization <u>ALTON GEOSCIENCE</u>	<u>6:00 PM</u>	Organization <u>EXXON</u>	
Relinquished by <u>[Signature]</u>	Date/Time <u>3/20 1310</u>	Received by <u>[Signature]</u>	Organization <u>EXXON</u>
Organization <u>ALTON GEOSCIENCE</u>		Organization <u>EXXON</u>	
Relinquished by _____	Date/Time <u>3/20/91</u>	Received by <u>[Signature]</u>	Organization <u>EXXON</u>
Organization _____		Organization <u>EXXON</u>	

Please Initial _____
 Samples Stored in Ice 1/2
 Appropriate Containers 1/2
 Samples Preserved 1/2
 VOA's without Headspace 1/2
 Comments _____

CHAIN OF CUSTODY AND ANALYSIS REQUEST

Section I

Consultant Name ALTON GEOSCIENCE
 Office Location 1000 Burnett Rd Suite 140 Concord
 Fax No. 682-8921 CA, 94520
 Project Manager Goady Nagle
 Phone 682-1582
 Alternate Contact _____
 RAS No/Contract No. 30-483

TURN AROUND TIME
 (Circle One)
 Same Day _____
 24 Hrs _____
 48 Hrs _____
 72 Hrs _____
 5 Day

SUPERIOR ANALYTICAL, INC.
Martinez San Francisco
 415/229-1512 415/647-2081

Sampler John De George
 Invoice to EXXON Houston

Section II	Analysis Request		Section III	Sample Information
------------	------------------	--	-------------	--------------------

APR 01 Sample Identification	S=Soil W=Water Matrix	A=Air	TPH - Diesel	TPH - Low Level D	TPH - G + BTXE	Oil + Grease	8010	8240	Metals (Zn,Cr,Cd,Pb)	Total Pb	Others * Subject to Subcontracting					Date 3-19-91	Time	Containers			Sampling Remarks	
																		Tubes/Jars	1L and VOA's	Quantity		Pres.
1 B-7 5.5-6	Soil				X													7	1		Exxon Site 7- 0235 Hottest sample to be analyzed for Inkeration. See Rob Watson	
2 B-7 10.5-11					X																	
3 B-7 14.5-15																						Invoice to include RAS# and CONTRACT#
4 B-8 5.5-6					X																	
5 B-8 10.5-11					X																	
6 B-8 14.5-15																						
7 B-9 5.5-6						X																
8 B-9 10.5-11						X																
9 B-9 14.5-15						X																

Relinquished by <u>John De George</u>	Date/Time <u>3-19-91 6:00 pm</u>	Received by <u>Superior 3/20 1130</u>	Organization <u>EXXON</u>
Relinquished by <u>Superior</u>	Date/Time <u>3/20 1840</u>	Received by _____	Organization _____
Relinquished by _____	Date/Time <u>3/20/91 1300</u>	Received by <u>Superior</u>	Organization <u>Superior</u>

Please Initial _____
 Samples Stored in Ice _____
 Appropriate Containers _____
 Samples Preserved _____
 VOA's without Headspace _____
 Comments _____

Consultant Name ALTON GEOSCIENCE
 Office Location 1000 Burnett Rd, Suite 140 Concord
 Fax No. 682-8921 CA, 94520
 Project Manager Bradley Neale
 Phone 682-1582
 Alternate Contact _____
 RAS No./Contract No. 30-483

TURN AROUND TIME
 (Circle One)
 Same Day
 24 Hrs
 48 Hrs
 72 Hrs
 5 Day

SUPERIOR ANALYTICAL, INC.
Martinez San Francisco
 415/229-1512 415/647-2081

Sampler John De George
 Invoice to EXXON Houston

Section II Analysis Request Section III Sample Information

APR 0 Sample Identification	S=Soil W=Water Matrix	TPH - Diesel	TPH - Low Level D	TPH - G + BTXE	Oil + Grease	8010	8240	Metals (Zn,Cr,Cd,Pb)	Total Pb	Others * Subject to Subcontracting	Date 3-19-91	Time	Containers			Sampling Remarks
													Tubes/Jars	1L and VOA's	Quantity	
1 B-10 5.5-6	Soil			X							X	1	1		Hottest sample to be analyzed	
2 B-10 10.5-11	↓			X							↓	↓	↓		for incubation. See Rob Watson	
3 B-10 14.5-15	↓										↓	↓	↓			
4															Invoice to include RAS# and CONTRACT#	
5																
6																
7																
8																
9																

30

Relinquished by <u>Johanna Lopez</u> Organization <u>Alton Geoscience</u>	Date/Time <u>3-19-91</u> <u>6:00 pm</u>	Received by <u>Deborah</u> Organization <u>EXPRESS ET</u>	Please Initial _____ Samples Stored in Ice _____ Appropriate Containers _____ Samples Preserved _____ VOA's without Headspace _____ Comments _____
Relinquished by <u>Deborah</u> Organization <u>EXPRESS ET</u>	Date/Time <u>3/20</u> <u>12:0</u>	Received by _____ Organization _____	
Relinquished by _____ Organization _____	Date/Time <u>3/20/91</u> <u>1:30</u>	Received by _____ Organization _____	

Table 4
 Historical Groundwater Analytical Results (ppb)
 Safety-Kleen (Oakland)

Well No.	Date	n-Propyl- benzene	Naph- thalene	Chloro- ethane	2-Chloro- toluene	Chloro- toluene	Trichloro- propane	Acetone	Vinyl chloride	Bromo- methane	2-Butanone	n-Butyl- benzene
MCL		NE	NE	NE	NE	NE	NE	NE	0.5	NE	NE	NE
MW-3	Apr-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Nov-96**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Nov-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-98	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-98	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-98	-	-	-	-	-	-	-	-	-	-	-
	Oct-98	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-01	NA	NA	<1.0	NA	NA	NA	<2.0	<1.0	<1.0	<4.0	<1.0
	May-02	NA	NA	<1.0	NA	NA	NA	<2.0	<0.5	<1.0	<2.0	NA

EXXON COMPANY, U.S.A.
QUARTERLY SUMMARY REPORT

NOT IN LOG

January - March 1992

Date: April 7, 1992

RAS # 7-0236
6630 East 14th Street
Oakland, California
Proj. No. 30-0491

94621

WORK PERFORMED THIS QUARTER

1. Obtained permits from City of Oakland/Alameda County and installed additional onsite and offsite ground water monitoring wells March 26, 1992.
2. Implementation of quarterly ground water monitoring/sampling/reporting program.

QUARTERLY GROUND WATER SAMPLING (01/15/92) RESULTS (ppb):

Well No.	B	T	E	X	TPH-G	HVOC	TPH-D	HISTORICAL TREND
MW-1	<0.5	0.7	<0.5	0.9	<50	ND**	<300	UNCHANGED
MW-2	81	<10	320	170	6,800	ND**	1000	INCREASED
MW-3	0.7	6.8	1.5	1.5	250	ND**	<300	DECREASED

*Methylene Chloride

FREE PHASE PRODUCT RECOVERY

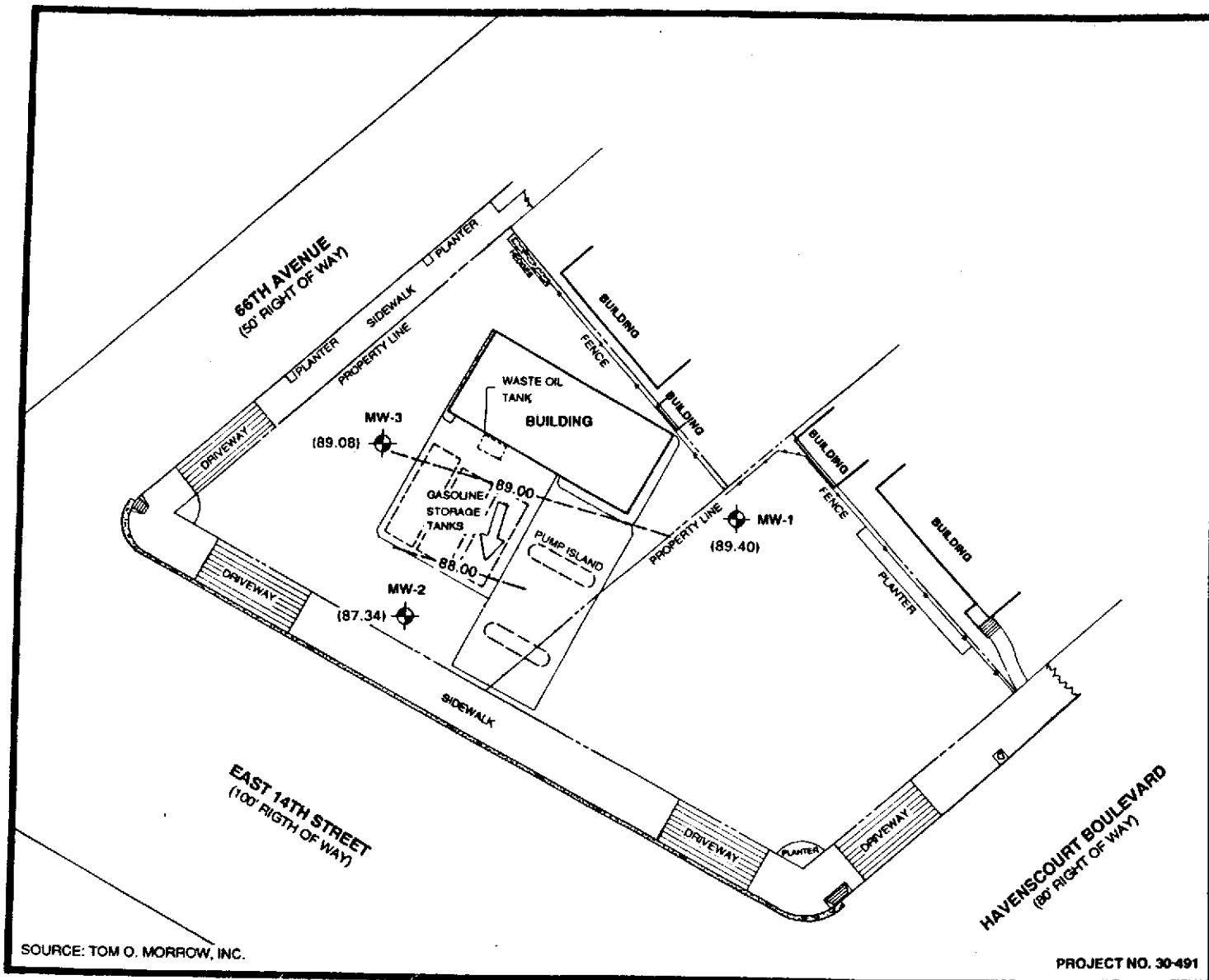
Not Applicable

WORK TO BE PERFORMED NEXT QUARTER

<u>Activity</u>	<u>Estimated Completion Date</u>
1. Develop new wells.	4/3/92
2. Sample new wells.	4/6/92
3. Survey all wells at the site.	4/10/92
4. Submit Supplemental Site Investigation Report	5/92

WORK TO BE PERFORMED NEXT 12 MONTHS

<u>Activity</u>	<u>Estimated Completion Date</u>
1. Submit a proposal for subsurface testing and generation of a feasibility study/remedial work plan.	7/92
2. Continue quarterly fluid level monitoring, sampling and reporting.	3/93



- LEGEND**
- ◆ GROUND WATER MONITORING WELL
 - 89.40 GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 - 89.00- GROUND WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL - 1 FOOT)
 - ⇩ GENERAL GROUND WATER FLOW DIRECTION

FIGURE 3
GROUND WATER POTENTIOMETRIC SURFACE CONTOUR MAP (JANUARY 15, 1992)

EXXON COMPANY, U.S.A.
 SERVICE STATION NO. 7-0236
 6830 EAST 14TH STREET
 OAKLAND, CALIFORNIA

ALTON GEOSCIENCE
 1000 Burnett Ave., Ste. 140
 Concord, CA 94520

SOURCE: TOM O. MORROW, INC.

PROJECT NO. 30-491

APPENDIX B

Hazardous Waste Manifests for Underground Storage Tanks
and UST Rinse Water

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA14101010218184117110186**
Manifest Document No. **7110186**

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
EXXON USA. Station - 7-0235
P.O. BOX 4415 HOUSTON, TX 7710-4415

A. State Manifest Document Number
90793491

4. Generator's Phone
713-246-8785

B. State Generator's ID

5. Transporter 1 Company Name
ERICKSON INC

6. US EPA ID Number
CA14101010941616392

C. State Transporter's ID
205159

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone
510-235-1392

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
GIPSON OIL COMPANY
2900 P.O. BOX CA 92205
805-327-0417

10. US EPA ID Number
CA0918101831172

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers
No. Type

13. Total Quantity

14. Unit
Wt/Vol

1. Waste No.

a. **R.Q. WASTE GASOLINE MIXTURE,
Flammable liquid UN 1203 (D001, D015)**

11 TT

18006

State **221**
EPA/Other **D001/D015**

b.

State
EPA/Other

c.

State
EPA/Other

d.

State
EPA/Other

J. Additional Descriptions for Materials Listed Above
D-150s - GASOLINE
D-107s - OIL
D-122s - MIXTURE

K. Handling Codes for Wastes Listed Above
a. **62-40-WASTE**
b.
c.
d.

15. Special Handling Instructions and Additional Information
GLOVES, CAPS, Goggles
ERG #27
2-HR CONTACT GLOVES DEMAND 24HR PH-510-246922

Profile - 12015

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name
Sharon C. Johnson

Signature
Sharon C. Johnson

Month Day Year
11/16/91

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
KENNETH PHILLIPS

Signature
Kenneth Phillips

Month Day Year
11/12/91

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Month Day Year

IN CASE OF AN EMERGENCY OR SPILL CALL THE NATIONAL FIRE CENTER 800-887-2662 VIA CALIFORNIA 800-800-550

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA100010284412121016**
Manifest Document No. **# 7-0235**

2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
EXXON USA
PO BOX 4415
Richmond, CA 94801
4. Generator's Phone **97310-4415**
246-8785

A. State Manifest Document Number
90736673
B. State Generator's ID

5. Transporter 1 Company Name
ERICKSON INC
6. US EPA ID Number
CA100010284412121016

C. State Transporter's ID
D. Transporter's Phone
206-712
246-1292

7. Transporter 2 Company Name
8. US EPA ID Number
30

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
Erickson, Inc.
255 Parr Blvd.
Richmond, Ca. 94801
10. US EPA ID Number
CA100010284412121016

G. State Facility's ID
H. Facility's Phone
(510) 235-1393

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type
13. Total Quantity
14. Unit Wt/Vol
15. Waste No.

a. Waste Empty Storage Tank
NON-RCRA Hazardous Waste Solid.

State **512**
EPA/Other **NONE**

b. **SP**

State
EPA/Other

c. **SP**

State
EPA/Other

d. **SP**

State
EPA/Other

16. Additional Descriptions for Materials Listed Above
Qty: **2** Empty Storage Tank (s) # **7667, 7668**
Tank (s) have been inerted with **15 lbs.** Dry Ice per 1000 Gal. Capacity.

17. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.S.T.'s
24 Hr. Contact Name **GREG DEMMARTO** Phone **(510) 246-8726**

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **GREGORY DEMMARTO** Signature *Gregory Demmarto* Month Day Year **1/11/79**

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name **ROBERT CANERA** Signature *Robert Canera* Month Day Year **1/11/79**

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Signature Month Day Year

90736673
GENERATOR
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7650
TRANSPORTER
FACILITY

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS

Please print or type. Form designed for use on elite (12-pitch typewriter).

90796671
 GENERATOR
 TRANSPORTER
 FACILITY
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA12100166118181412121212	Manifest Document No. 12121212	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address ERICKSON U.S.A. P.O. BOX 4416 HOUSTON TX 77310-4416				A. State Manifest Document Number 90796671	
4. Generator's Phone (510) 246-8785				B. State Generator's ID	
5. Transporter 1 Company Name ERICKSON INC		6. US EPA ID Number CA1210016611818141212		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd. Richmond, Ca. 94801		10. US EPA ID Number CA1210016611818141212		E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (510) 235-1393	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. Waste Empty Storage Tank					
NON-RCRA Hazardous Waste Solid.			121	MP/15E666	P
b. <i>SP</i>					
c. <i>SP</i>					
d. <i>SP</i>					
J. Additional Descriptions for Materials Listed Above Qty. 2 Empty Storage Tank (s) # 765, 766 Tank (s) have been inerted with 15 lbs. Dry Ice per 1000 Gal. Capacity.			K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear hardhats when working around U.S.T.'s 24 Hr. Contact Name GREG DEMARCO Phone (510) 246-8726					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name GREGORY DEMARCO		Signature <i>Greg De Marco</i>		Month Day Year 11 17 91	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name RICH PALLERMAN		Signature <i>Rich Pallerman</i>		Month Day Year 11 17 91	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS

APPENDIX C

Laboratory Analytical Reports
Samples from Product Storage Tank Pit

Mr. Joshua DeCarl
 Page 9

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126002
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: TG1

Parameter Units MDL DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	11/30/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	20000	130000	11/30/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	11/30/91
Benzene	ug/kg wet	10	370	11/30/91
Toluene	ug/kg wet	10	2000	11/30/91
Ethylbenzene	ug/kg wet	10	3000	11/30/91
Xylenes, Total	ug/kg wet	10	82000	11/30/91

MDL Method Detection Limit

Mr. Joshua DeCarl
 Page 10

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126010
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: TG2

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>DATE ANALYZED</u>
------------------	--------------	------------	----------------------

ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/02/91
Purgeable Fuels, as Gasoline (EPA 8015)	mg/kg wet	1000	10000 (PPM)	12/02/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/02/91
Benzene	mg/kg wet	5.0	130 (PPM)	12/02/91
Toluene	mg/kg wet	5.0	950 (PPM)	12/02/91
Ethylbenzene	mg/kg wet	5.0	280 (PPM)	12/02/91
Xylenes, Total	mg/kg wet	5.0	1100 (PPM)	12/02/91

MDL Method Detection Limit

Mr. Joshua DeCarl
 Page 11

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126029
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: TG3

Parameter Units MDL DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/02/91
Purgeable Fuels, as Gasoline (EPA 8015)	mg/kg wet	500	6300 (PPM)	12/02/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/02/91
Benzene	mg/kg wet	2.5	76 (PPM)	12/02/91
Toluene	mg/kg wet	2.5	540 (PPM)	12/02/91
Ethylbenzene	mg/kg wet	2.5	200 (PPM)	12/02/91
Xylenes, Total	mg/kg wet	2.5	900 (PPM)	12/02/91

MDL Method Detection Limit

Mr. Joshua DeCarl
 Page 12

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126037
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: TG4
 Parameter

Units MDL DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	11/30/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	20000	130000	11/30/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	11/30/91
Benzene	ug/kg wet	100	770	11/30/91
Toluene	ug/kg wet	100	7300	11/30/91
Ethylbenzene	ug/kg wet	100	3300	11/30/91
Xylenes, Total	ug/kg wet	100	18000	11/30/91

MDL Method Detection Limit

REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
 Page 13

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126045
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: TG5
 Parameter

Units MDL DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX			
TOTAL FUEL HYDROCARBONS, (LIGHT):		-	11/30/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	10000
PURGEABLE AROMATICS (BTXE BY EPA 8020):		-	11/30/91
Benzene	ug/kg wet	5.0	65
Toluene	ug/kg wet	5.0	8.4
Ethylbenzene	ug/kg wet	5.0	140
Xylenes, Total	ug/kg wet	5.0	160

MDL Method Detection Limit

Mr. Joshua DeCarl
 Page 14

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126053
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: TG6

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>DATE ANALYZED</u>
------------------	--------------	------------	----------------------

ORGANIC ANALYSIS

TPH GASOLINE/BTEX			
TOTAL FUEL HYDROCARBONS, (LIGHT):			
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	10000	12000
PURGEABLE AROMATICS (BTXE BY EPA 8020):			
Benzene	ug/kg wet	50	ND
Toluene	ug/kg wet	50	200
Ethylbenzene	ug/kg wet	50	230
Xylenes, Total	ug/kg wet	50	1000

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



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

Irvine, CA
 Alton Business Park
 30 Hughes St., Suite 206, 92718
 (714) 380-9559

Consultant Name: SA GWBWEERNG
 Address: 41 Lafayette Cir, Lafayette, CA
 Project Contact: J DECARL Project #:
 Phone #: 203 7077 Fax #:
 Consultant Work Release #:

Exxon Contact: G. DEMARZO Phone #: 246 8726
 Site RAS #: 7-0235
 Site Location: 2228 TELEGRAPH AVE, OAKLAND
 Laboratory Work Release #:

Sampled by (please print) <u>DECARL/ROTH</u> <u>27 NOV 91</u>					SOIL			WATER			STLC Pb	RCI	Remarks	DEPTH	
Sampler Signature <u>[Signature]</u> Date Sampled					TPH/GAS/BTEX EPA 8015/6020	TPH/Diesel EPA 8015	Organic Lead DHS Method	TPH/GAS/BTEX EPA 8015/602	TPH/Diesel EPA 8015	Organic Lead DHS Method					TRPH EPA 418.1
Sample Description	Collection Date/Time	Matrix	Prsv.	# of Cont.											
SS 1-4	11/27/91	Soil	-	4	✓								12590.1	95.2	12635
SS 5-8			-	4	✓								91.0	96.0	
SS 9-12			-	4	✓								92.8	97.9	
SS 13-16			-	4	✓								93.6	98.7	
SS 17-20			-	4	✓								94.5	99.5	
TG 1	1100		-	1	✓								12600.2	24 HR TURN	
TG 2	1105		-	1	✓								601.0		
TG 3	1110		-	1	✓								602.9		
TG 4	1115		-	1	✓								603.7		
TG 5	1120		-	1	✓								604.5		

Cooler No. <u>J14.H11</u>	Relinquished by/Affiliation	Accepted by/Affiliation	Date	Time
Cooler Seal Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>H. Onasheya</u>	<u>Donald Zokarski Pace</u>	<u>11/27/91</u>	<u>1440</u>
Turnaround Time (circle choice) <u>24 hr</u> 48 hr. 72 hr. 96 hr. <u>5 workday</u> (standard)	<u>Donald Zokarski Pace</u>	<u>Jimm Meyers Pace</u>	<u>11/27/91</u>	<u>1625</u>

Shipment Method: _____
 Shipment Date: _____
 Distribution: White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff

CEM 10/25/91

5-DAY TURN PROMISE

411127.506



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

Irvine, CA
 Alton Business Park
 30 Hughes St., Suite 206, 92718
 (714) 380-9559

Consultant Name: PA G. McMeery
 Address: 41 Lafayette Cir
 Project Contact: J DeLeon Project #: _____
 Phone #: 2837077 Fax #: _____
 Consultant Work Release #: _____

Exxon Contact: G. DEMARZO Phone #: 2468726
 Site RAS #: 7-0235
 Site Location: 2225 Telegraph Ave. Berkeley, CA
 Laboratory Work Release #: _____

Sampled by (please print) Date Sampled	SOIL					WATER					Total Oil & Grease SM 5520	Remarks	
	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	Organic Lead DHS Method	TPH/GAS/BTEX EPA 8015/802	TPH/Diesel EPA 8015	Organic Lead DHS Method	TRPH EPA 418.1	8240 EPA 8015/8020					
<u>DeLeon / ROTH</u> <u>[Signature]</u> Date Sampled: <u>27 Nov 91</u>													
<u>TG 6</u>	<u>11/27/91</u>	<u>SOIL</u>	<u>-</u>	<u>1</u>	<input checked="" type="checkbox"/>							<u>12605.3</u>	<u>24 HR TURN AROUND</u>
<u>WOW</u>	<u>11/27/91</u>	<u>SOIL</u>	<u>-</u>	<u>1</u>	<input checked="" type="checkbox"/>								<u>24 HR TURN AROUND</u>
<u>WOW</u>	<u>11/27/91</u>	<u>H₂O</u>	<u>Yes</u>	<u>8</u>	<input checked="" type="checkbox"/>							<u>12607.0</u>	<u>5 DAY TURN AROUND</u>
<u>WOW</u>	<u>11/27/91</u>	<u>SAL</u>	<u>-</u>	<u>1</u>	<input checked="" type="checkbox"/>							<u>12606.1</u>	<u>5 DAY TURN AROUND</u> <u>Please filter the metal sample at lab.</u>

Cooler No. <u>014, 114, 103, 113, 111</u>	Relinquished by/Affiliation <u>H. Smoshejic</u>	Accepted by/Affiliation <u>Donald Zokarski Pace</u>	Date <u>11/27/91</u>	Time <u>1448</u>
Cooler Seal Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>Donald Zokarski Pace</u>	<u>Tina Meyer / Pace</u>	<u>11/27/91</u>	<u>1625</u>
Turnaround Time (circle choice) <u>24 hr.</u> 48 hr. 72 hr. 96 hr. <u>5 workday (standard)</u>				

Shipment Method: _____
 Shipment Date: _____
 Additional Comments:
11/27/91 CHR called Terry Winger re: filtering metals sample & stated they would want metals run on H₂O, not soil. Not logged in metal & as Cr, not Cu + Ni. Received 9 containers for H₂O's.

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

Diesel on soil is 5 day TAT per Carol Reid 11/27/91

41127.506

EA Engineering
 41 A Lafayette Circle
 Lafayette, CA 94549

December 10, 1991
 PACE Project Number: 411203501

Attn: Mr. Joshua DeCarl

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126746
 Date Collected: 12/03/91
 Date Received: 12/03/91
 Client Sample ID: TG 7

Parameter	Units	MDL		DATE ANALYZED
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	ND	12/04/91
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
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Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	40000	430000	12/05/91
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PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
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Benzene	ug/kg wet	200	1700	12/05/91
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Toluene	ug/kg wet	200	15000	12/05/91
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Ethylbenzene	ug/kg wet	200	7200	12/05/91
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Xylenes, Total	ug/kg wet	200	34000	12/05/91
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MDL Method Detection Limit
 ND Not detected at or above the MDL.

REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
 Page 2

December 10, 1991
 PACE Project Number: 411203501

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126754
 Date Collected: 12/03/91
 Date Received: 12/03/91
 Client Sample ID: TG 8

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>		<u>DATE ANALYZED</u>
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	ND	12/04/91
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
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Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	20000	240000	12/05/91
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PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
---	--	--	---	----------

Benzene	ug/kg wet	100	1700	12/05/91
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Toluene	ug/kg wet	100	7900	12/05/91
---------	-----------	-----	------	----------

Ethylbenzene	ug/kg wet	100	4400	12/05/91
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Xylenes, Total	ug/kg wet	100	19000	12/05/91
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MDL Method Detection Limit
 ND Not detected at or above the MDL.

Mr. Joshua DeCarl
 Page 3

December 10, 1991
 PACE Project Number: 411203501

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126762
 Date Collected: 12/03/91
 Date Received: 12/03/91
 Client Sample ID: TG 9

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>DATE ANALYZED</u>
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	13	12/04/91
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
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Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	ND	12/05/91
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PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
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Benzene	ug/kg wet	5.0	52	12/05/91
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Toluene	ug/kg wet	5.0	33	12/05/91
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Ethylbenzene	ug/kg wet	5.0	21	12/05/91
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Xylenes, Total	ug/kg wet	5.0	67	12/05/91
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MDL Method Detection Limit
 ND Not detected at or above the MDL.

REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
 Page 4

December 10, 1991
 PACE Project Number: 411203501

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126770
 Date Collected: 12/03/91
 Date Received: 12/03/91
 Client Sample ID: TG 10

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>DATE ANALYZED</u>
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	13	12/04/91
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
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Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	1700	12/05/91
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PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
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Benzene	ug/kg wet	5.0	51	12/05/91
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Toluene	ug/kg wet	5.0	ND	12/05/91
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Ethylbenzene	ug/kg wet	5.0	44	12/05/91
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Xylenes, Total	ug/kg wet	5.0	ND	12/05/91
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MDL Method Detection Limit
 ND Not detected at or above the MDL.

Mr. Joshua DeCarl
 Page 5

December 10, 1991
 PACE Project Number: 411203501

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126789
 Date Collected: 12/03/91
 Date Received: 12/03/91
 Client Sample ID: TG 11

Parameter	Units	MDL		DATE ANALYZED
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	13	12/04/91
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
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Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	40000	420000	12/05/91
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PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
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Benzene	ug/kg wet	200	1500	12/05/91
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Toluene	ug/kg wet	200	10000	12/05/91
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Ethylbenzene	ug/kg wet	200	6200	12/05/91
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Xylenes, Total	ug/kg wet	200	29000	12/05/91
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MDL Method Detection Limit

Mr. Joshua DeCarl
 Page 6

December 10, 1991
 PACE Project Number: 411203501

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126797
 Date Collected: 12/03/91
 Date Received: 12/03/91
 Client Sample ID: TG 12

Parameter	Units	MDL	DATE ANALYZED
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	ND	12/04/91
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
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Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	40000	660000	12/05/91
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PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
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Benzene	ug/kg wet	200	4300	12/05/91
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Toluene	ug/kg wet	200	24000	12/05/91
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Ethylbenzene	ug/kg wet	200	11000	12/05/91
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Xylenes, Total	ug/kg wet	200	49000	12/05/91
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MDL Method Detection Limit
 ND Not detected at or above the MDL.

These data have been reviewed and are approved for release.

Mark A. Valentini

Mark A. Valentini, Ph.D.
 Regional Director

Mr. Joshua DeCarl
 Page 7

QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411203501

Client Reference: Exxon 7-0235

Lead (EPA Method 6010/200.7, ICP)

Batch: 70 08165

Samples: 70 0126746, 70 0126754, 70 0126762, 70 0126770, 70 0126789
 70 0126797

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	200	86%	86%	0%

MDL Method Detection Limit
 RPD Relative Percent Difference

Mr. Joshua DeCarl
 Page 8

QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411203501

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX

Batch: 70 08256

Samples: 70 0126746, 70 0126754, 70 0126762, 70 0126770, 70 0126789
 70 0126797

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	349	123%	120%	2%
Benzene	ug/kg wet	1.0	40.0	104%	103%	0%
Toluene	ug/kg wet	1.0	40.0	103%	104%	0%
Ethylbenzene	ug/kg wet	1.0	40.0	104%	104%	0%
Xylenes, Total	ug/kg wet	1.0	80.0	101%	103%	1%

MDL Method Detection Limit
 RPD Relative Percent Difference



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

Irvine, CA
 Alton Business Park
 30 Hughes St., Suite 206, 92718
 (714) 380-9559

Consultant Name: EA ENGINEERING
 Address: 41 WFA SITE CTR
 Project Contact: J Deane Project #: 81001.88
 Phone #: 510 283 7077 Fax #:
 Consultant Work Release #:
 Exxon Contact: G DeMarzo Phone # 510 246-8726
 Site RAS #: 7-0235
 Site Location: OAKLAND
 Laboratory Work Release #:

Sampled by (please print) <u>A Deane</u>		Date Sampled <u>3 Dec 91</u>			SOIL			WATER			Total Oil & Grease SN 5520		Remarks
Sample Description	Collection Date/Time	Matrix	Prsv.	# of Cont.	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	Organic Lead DHS Method	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	Organic Lead DHS Method	TPH EPA 418.1	TRACER Pb	
TG 7	3 Dec 91	Soil	-	1	✓							✓	12674.6
TG 8			-	1	✓							✓	75.4
TG 9			-	1	✓							✓	76.2
TG 10			-	1	✓							✓	77.0
TG 11			-	1	✓							✓	78.9
TG 12			-	1	✓							✓	79.7
C13.5													

Cooler No.	Relinquished by/Affiliation	Accepted by/Affiliation	Date	Time
Cooler Seal Intact	<i>Chapman</i>	<i>Ed Kelly - Pace</i>	<i>12/3/91</i>	<i>1030</i>
<input type="checkbox"/> Yes <input type="checkbox"/> No				
Turnaround Time (circle choice)				
24 hr.				
48 hr.				
72 hr.				
96 hr.				
<u>5 workday</u> (standard)				
Shipment Method	Additional Comments:			
Shipment Date				

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

411205.501

APPENDIX D

Laboratory Analytical Reports
Samples from Used Oil Tank Pit

Mr. Joshua DeCarl
 Page 15

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126061
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: W01

Parameter	Units	MDL		DATE ANALYZED
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Cadmium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	1.3	12/06/91
Chromium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	48	12/06/91
Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	ND	12/04/91
Nickel (EPA Method 6010/200.7, ICP)	mg/kg wet	2	81	12/06/91
Zinc (EPA Method 6010/200.7, ICP)	mg/kg wet	1	42	12/06/91

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	11/27/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	1100	11/27/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	11/27/91
Benzene	ug/kg wet	5.0	5.7	11/27/91
Toluene	ug/kg wet	5.0	ND	11/27/91
Ethylbenzene	ug/kg wet	5.0	15	11/27/91
Xylenes, Total	ug/kg wet	5.0	ND	11/27/91

TOTAL OIL AND GREASE (SM 5520)

Total Oil & Grease SM 5520	mg/kg wet	50	580	12/02/91
Date Extracted			12/2/91	12/02/91

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS

Chloromethane	ug/kg	12000	ND	12/04/91
Vinyl Chloride	ug/kg	12000	ND	12/04/91
Bromomethane	ug/kg	12000	ND	12/04/91
Chloroethane	ug/kg	12000	ND	12/04/91
Trichlorofluoromethane	ug/kg	6200	ND	12/04/91
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/kg	6200	ND	12/04/91
2-Butanone (MEK)	ug/kg	62000	ND	12/04/91
1,1-Dichloroethene	ug/kg	6200	ND	12/04/91

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

Mr. Joshua DeCarl
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December 06, 1991
PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126061
Date Collected: 11/27/91
Date Received: 11/27/91
Client Sample ID: W01

Parameter	Units	MDL		DATE ANALYZED
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ORGANIC ANALYSIS

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS

Carbon Disulfide	ug/kg	6200	ND	12/04/91
Acetone	ug/kg	62000	ND	12/04/91
Methylene Chloride	ug/kg	6200	ND	12/04/91
trans-1,2-Dichloroethene	ug/kg	6200	ND	12/04/91
cis-1,2-Dichloroethene	ug/kg	6200	ND	12/04/91
1,1-Dichloroethane	ug/kg	6200	ND	12/04/91
Chloroform	ug/kg	6200	ND	12/04/91
1,1,1-Trichloroethane	ug/kg	6200	ND	12/04/91
1,2-Dichloroethane	ug/kg	6200	ND	12/04/91
Carbon Tetrachloride	ug/kg	6200	ND	12/04/91
Benzene	ug/kg	6200	200000	12/04/91
1,2-Dichloropropane	ug/kg	6200	ND	12/04/91
Trichloroethene	ug/kg	6200	ND	12/04/91
Bromodichloromethane	ug/kg	6200	ND	12/04/91
trans-1,3-Dichloropropene	ug/kg	6200	ND	12/04/91
4-Methyl-2-pentanone (MIBK)	ug/kg	62000	ND	12/04/91
Toluene	ug/kg	62000	1200000(D)	12/04/91
cis-1,3-Dichloropropene	ug/kg	6200	ND	12/04/91
1,1,2-Trichloroethane	ug/kg	6200	ND	12/04/91
Dibromochloromethane	ug/kg	6200	ND	12/04/91
2-Hexanone	ug/kg	62000	ND	12/04/91
Tetrachloroethene	ug/kg	6200	ND	12/04/91
Chlorobenzene	ug/kg	6200	ND	12/04/91
Ethylbenzene	ug/kg	6200	380000	12/04/91
Bromoform	ug/kg	6200	ND	12/04/91
Xylene(s) Total	ug/kg	62000	2100000(D)	12/04/91
Styrene	ug/kg	6200	ND	12/04/91
1,1,2,2,-Tetrachloroethane	ug/kg	6200	ND	12/04/91

MDL Method Detection Limit
ND Not detected at or above the MDL.
(D) Sample diluted to bring analyte within linear calibration range.

Mr. Joshua DeCarl

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December 06, 1991

PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number:

70 0126061

Date Collected:

11/27/91

Date Received:

11/27/91

Client Sample ID:

W01

Parameter

Units

MDL

DATE ANALYZED

ORGANIC ANALYSIS

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS

1,3-Dichlorobenzene	ug/kg	6200	ND	12/04/91
1,4-Dichlorobenzene	ug/kg	6200	ND	12/04/91
1,2-Dichlorobenzene	ug/kg	6200	ND	12/04/91
1,2-Dichloroethane-d4 (Surrog. Recovery)			86%	12/04/91
Toluene-d8 (Surrogate Recovery)			107%	12/04/91
4-Bromofluorobenzene (Surrog. Recovery)			106%	12/04/91

TPH DIESEL, BY EPA METHOD 8015

Extractable Fuels, as Diesel	mg/kg	5.0	22 (*)	12/02/91
Date Extracted			12/2/91	12/02/91

MDL Method Detection Limit
 ND Not detected at or above the MDL.
 (*) Hydrocarbons greater than C22 present.



REPORT OF LABORATORY ANALYSIS

EA Engineering
41 A Lafayette Circle
Lafayette, CA 94549

December 06, 1991
PACE Project Number: 411127506

Attn: Mr. Joshua DeCarl

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126070
Date Collected: 11/27/91
Date Received: 11/27/91
Client Sample ID: UOW

Parameter	Units	MDL		DATE ANALYZED
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Cadmium (EPA Method 6010/200.7, ICP)	mg/L	0.005	ND	12/04/91
Chromium (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND	12/04/91
Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	ND	12/04/91
Nickel (EPA Method 6010/200.7, ICP)	mg/L	0.02	0.03	12/04/91
Zinc (EPA Method 6010/200.7, ICP)	mg/L	0.01	0.01	12/04/91

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/L	50	550	12/05/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
Benzene	ug/L	0.5	12	12/05/91
Toluene	ug/L	0.5	4.9	12/05/91
Ethylbenzene	ug/L	0.5	19	12/05/91
Xylenes, Total	ug/L	0.5	72	12/05/91

TPH DIESEL, BY EPA METHOD 8015

Extractable Fuels, as Diesel	mg/L	0.50	18 (*)	12/04/91
Date Extracted			12/3/91	12/03/91

TOTAL OIL AND GREASE (SM 5520)

Total Oil & Grease SM 5520	mg/L	5.0	15	12/04/91
Date Extracted			12/4/91	12/04/91

VOLATILE ORGANICS, EPA METHOD 624 GC/MS

Chloromethane	ug/L	10	ND	12/04/91
Vinyl Chloride	ug/L	10	ND	12/04/91

MDL Method Detection Limit
ND Not detected at or above the MDL.
(*) Hydrocarbons greater than C22 present.

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December 06, 1991
PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126070
Date Collected: 11/27/91
Date Received: 11/27/91
Client Sample ID: UOW

Parameter	Units	MDL		DATE ANALYZED
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ORGANIC ANALYSIS

VOLATILE ORGANICS, EPA METHOD 624 GC/MS

Bromomethane	ug/L	10	ND	12/04/91
Chloroethane	ug/L	10	ND	12/04/91
Trichlorofluoromethane	ug/L	5	ND	12/04/91
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/L	5	ND	12/04/91
2-Butanone (MEK)	ug/L	50	ND	12/04/91
1,1-Dichloroethene	ug/L	5	ND	12/04/91
Carbon Disulfide	ug/L	5	ND	12/04/91
Acetone	ug/L	50	ND	12/04/91
Methylene Chloride	ug/L	5	ND	12/04/91
trans-1,2-Dichloroethene	ug/L	5	ND	12/04/91
1,1-Dichloroethane	ug/L	5	ND	12/04/91
Chloroform	ug/L	5	ND	12/04/91
1,1,1-Trichloroethane	ug/L	5	ND	12/04/91
1,2-Dichloroethane	ug/L	5	ND	12/04/91
cis-1,2-Dichloroethene	ug/L	5	ND	12/04/91
Carbon Tetrachloride	ug/L	5	ND	12/04/91
Benzene	ug/L	5	15	12/04/91
1,2-Dichloropropane	ug/L	5	ND	12/04/91
Trichloroethene (TCE)	ug/L	5	ND	12/04/91
Bromodichloromethane	ug/L	5	ND	12/04/91
trans-1,3-Dichloropropene	ug/L	5	ND	12/04/91
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND	12/04/91
Toluene	ug/L	5	7	12/04/91
cis-1,3-Dichloropropene	ug/L	5	ND	12/04/91
1,1,2-Trichloroethane	ug/L	5	ND	12/04/91
Dibromochloromethane	ug/L	5	ND	12/04/91
2-Hexanone	ug/L	50	ND	12/04/91
Tetrachloroethene	ug/L	5	ND	12/04/91

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

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December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126070
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: UOW

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

VOLATILE ORGANICS, EPA METHOD 624 GC/MS

Chlorobenzene	ug/L	5	ND	12/04/91
Ethylbenzene	ug/L	5	20	12/04/91
Bromoform	ug/L	5	70	12/04/91
Xylene(s) Total	ug/L	5	ND	12/04/91
Styrene	ug/L	5	ND	12/04/91
1,1,2,2,-Tetrachloroethane	ug/L	5	ND	12/04/91
1,3-Dichlorobenzene	ug/L	5	ND	12/04/91
1,4-Dichlorobenzene	ug/L	5	ND	12/04/91
1,2-Dichlorobenzene	ug/L	5	ND	12/04/91
1,2-Dichloroethane-d4 (Surrog. Recovery)			94%	12/04/91
Toluene-d8 (Surrogate Recovery)			99%	12/04/91
4-Bromofluorobenzene (Surrog.Recovery)			102%	12/04/91

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Lead (EPA Method 6010/200.7, ICP)
 Batch: 70 08165
 Samples: 70 0126061

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	200	86%	86%	0%

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Lead (EPA Method 6010/200.7, ICP)
 Batch: 70 08166
 Samples: 70 0126070

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	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/L	0.1	1.0	95%	95%	0%

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Lead (EPA Method 6010/200.7, ICP)
 Batch: 70 08216
 Samples: 70 0126355

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	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/L	0.1	1.0	99%	99%	0%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Zinc (EPA Method 6010/200.7, ICP)
 Batch: 70 08185
 Samples: 70 0126070

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Beryllium (EPA Method 6010/200.7, ICP)			
Cadmium (EPA Method 6010/200.7, ICP)	mg/L	0.005	ND
Chromium (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND
Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	ND
Nickel (EPA Method 6010/200.7, ICP)	mg/L	0.02	ND
Zinc (EPA Method 6010/200.7, ICP)	mg/L	0.01	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference		Dupl	
			Value	Recv	Recv	RPD
Cadmium (EPA Method 6010/200.7, ICP)	mg/L	0.005	0.1	91%	94%	3%
Chromium (EPA Method 6010/200.7, ICP)	mg/L	0.01	1.0	87%	89%	2%
Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	1.0	82%	82%	0%
Nickel (EPA Method 6010/200.7, ICP)	mg/L	0.02	1.0	89%	92%	3%
Zinc (EPA Method 6010/200.7, ICP)	mg/L	0.01	1.0	92%	94%	2%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Zinc (EPA Method 6010/200.7, ICP)
 Batch: 70 08221
 Samples: 70 0126061

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Cadmium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Chromium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND
Nickel (EPA Method 6010/200.7, ICP)	mg/kg wet	2	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
Cadmium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	100	84%	82%	2%
Chromium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	100	93%	89%	4%
Nickel (EPA Method 6010/200.7, ICP)	mg/kg wet	2	100	87%	88%	1%
Zinc (EPA Method 6010/200.7, ICP)	mg/kg wet	1	500	88%	87%	1%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

EXTRACTABLE FUELS EPA 3550/8015
 Batch: 70 08034
 Samples: 70 0126061

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	71%	65%	8%

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

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QUALITY CONTROL DATA

December 09, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TOTAL OIL AND GREASE (SM 5520)
 Batch: 70 08114
 Samples: 70 0126061

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Total Oil & Grease SM 5520	mg/kg wet	50	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Total Oil & Grease SM 5520	mg/kg wet	50	667	110%	105	5%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TOTAL OIL AND GREASE (SM 5520)
 Batch: 70 08172
 Samples: 70 0126070

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Total Oil & Grease SM 5520	mg/L	5.0	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Total Oil & Grease SM 5520	mg/L	5.0	20	95%	105%	10%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TPH DIESEL, BY EPA METHOD 8015
 Batch: 70 08123
 Samples: 70 0126070

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Extractable Fuels, as Diesel	mg/L	0.050	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dup1 Recv	RPD
Extractable Fuels, as Diesel	mg/L	0.050	1.00	89%	95%	6%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08025
 Samples: 70 0126061

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	285	116%	120%	3%
Benzene	ug/kg wet	1.0	40.0	97%	98%	1%
Toluene	ug/kg wet	1.0	40.0	100%	101%	0%
Ethylbenzene	ug/kg wet	1.0	40.0	101%	101%	0%
Xylenes, Total	ug/kg wet	1.0	80.0	99%	100%	1%

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX

Batch: 70 08029

Samples: 70 0126002, 70 0126037, 70 0126045, 70 0126053

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	345	88%	91%	3%
Benzene	ug/kg wet	1.0	40.0	107%	111%	3%
Toluene	ug/kg wet	1.0	40.0	109%	110%	0%
Ethylbenzene	ug/kg wet	1.0	40.0	104%	109%	4%
Xylenes, Total	ug/kg wet	1.0	80.0	111%	116%	4%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08030
 Samples: 70 0126029

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	285	128%	122%	4%
Benzene	ug/kg wet	1.0	40.0	112%	104%	7%
Toluene	ug/kg wet	1.0	40.0	114%	109%	4%
Ethylbenzene	ug/kg wet	1.0	40.0	114%	109%	4%
Xylenes, Total	ug/kg wet	1.0	80.0	113%	113%	0%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08031

Samples: 70 0125952, 70 0125960, 70 0125995, 70 0126010

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	345	96%	95%	1%
Benzene	ug/kg wet	1.0	40.0	106%	110%	3%
Toluene	ug/kg wet	1.0	40.0	113%	116%	2%
Ethylbenzene	ug/kg wet	1.0	40.0	100%	103%	2%
Xylenes, Total	ug/kg wet	1.0	80.0	109%	113%	3%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08082
 Samples: 70 0125987

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	345	91%	94%	3%
Benzene	ug/kg wet	1.0	40.0	104%	114%	9%
Toluene	ug/kg wet	1.0	40.0	108%	118%	8%
Ethylbenzene	ug/kg wet	1.0	40.0	103%	112%	8%
Xylenes, Total	ug/kg wet	1.0	80.0	108%	119%	9%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08151
 Samples: 70 0125979

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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		Dupl	
			Value	Recv	Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	345	92%	93%	1%
Benzene	ug/kg wet	1.0	40.0	108%	113%	4%
Toluene	ug/kg wet	1.0	40.0	113%	118%	4%
Ethylbenzene	ug/kg wet	1.0	40.0	107%	111%	3%
Xylenes, Total	ug/kg wet	1.0	80.0	113%	119%	5%

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08189
 Samples: 70 0126070

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/L	50	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
Benzene	ug/L	0.5	ND
Toluene	ug/L	0.5	ND
Ethylbenzene	ug/L	0.5	ND
Xylenes, Total	ug/L	0.5	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015)	ug/L	50	308	91%	101%	10%
Benzene	ug/L	0.5	40.0	91%	94%	3%
Toluene	ug/L	0.5	40.0	94%	98%	4%
Ethylbenzene	ug/L	0.5	40.0	90%	90%	0%
Xylenes, Total	ug/L	0.5	80.0	103%	107%	3%

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

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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

VOLATILE ORGANICS, EPA METHOD 624 GC/MS
 Batch: 70 08187
 Samples: 70 0126070

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Chloromethane	ug/L	10	ND
Vinyl Chloride	ug/L	10	ND
Bromomethane	ug/L	10	ND
Chloroethane	ug/L	10	ND
Trichlorofluoromethane	ug/L	5	ND
1,1,2-Trichlor-1,2,2-trifluoroethane	ug/L	5	ND
2-Butanone (MEK)	ug/L	50	ND
1,1-Dichloroethene	ug/L	5	ND
Carbon Disulfide	ug/L	5	ND
Acetone	ug/L	50	ND
Methylene Chloride	ug/L	5	14
trans-1,2-Dichloroethene	ug/L	5	ND
1,1-Dichloroethane	ug/L	5	ND
Chloroform	ug/L	5	ND
1,1,1-Trichloroethane	ug/L	5	ND
1,2-Dichloroethane	ug/L	5	ND
cis-1,2-Dichloroethene	ug/L	5	ND
Carbon Tetrachloride	ug/L	5	ND
Benzene	ug/L	5	ND
1,2-Dichloropropane	ug/L	5	ND
Trichloroethene (TCE)	ug/L	5	ND
Bromodichloromethane	ug/L	5	ND
trans-1,3-Dichloropropene	ug/L	5	ND
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND
Toluene	ug/L	5	ND
cis-1,3-Dichloropropene	ug/L	5	ND
1,1,2-Trichloroethane	ug/L	5	ND
Dibromochloromethane	ug/L	5	ND
2-Hexanone	ug/L	50	ND
Tetrachloroethene	ug/L	5	ND

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

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QUALITY CONTROL DATA

December 06, 1991
PACE Project Number: 411127506

Client Reference: Exxon 7-0235

VOLATILE ORGANICS, EPA METHOD 624 GC/MS
Batch: 70 08187
Samples: 70 0126070

METHOD BLANK:

Parameter	Units	MDL	Method Blank
VOLATILE ORGANICS, EPA METHOD 624 GC/MS			
Chlorobenzene	ug/L	5	ND
Ethylbenzene	ug/L	5	ND
Bromoform	ug/L	5	ND
Xylene(s) Total	ug/L	5	ND
Styrene	ug/L	5	ND
1,1,2,2,-Tetrachloroethane	ug/L	5	ND
1,3-Dichlorobenzene	ug/L	5	ND
1,4-Dichlorobenzene	ug/L	5	ND
1,2-Dichlorobenzene	ug/L	5	ND
1,2-Dichloroethane-d4 (Surrog. Recovery)			93%
Toluene-d8 (Surrogate Recovery)			95%
4-Bromofluorobenzene (Surrog.Recovery)			102%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference	Dupl		
			Value	Recv	Recv	RPD
1,1-Dichloroethene	ug/L	5	50	84%	86%	2%
Benzene	ug/L	5	50	104%	102%	1%
Trichloroethene (TCE)	ug/L	5	50	100%	100%	0%
Toluene	ug/L	5	50	100%	102%	1%
Chlorobenzene	ug/L	5	50	104%	104%	0%

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

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS
 Batch: 70 08188
 Samples: 70 0126061

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	5	7
trans-1,2-Dichloroethene	ug/kg	5	ND
cis-1,2-Dichloroethene	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

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

Mr. Joshua DeCarl
 Page 42

QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS
 Batch: 70 08188
 Samples: 70 0126061

METHOD BLANK:

Parameter	Units	MDL	Method Blank
VOLATILE ORGANICS, EPA METHOD 8240 GC/MS			
Chlorobenzene	ug/kg	5	ND
Ethylbenzene	ug/kg	5	ND
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)			97%
Toluene-d8 (Surrogate Recovery)			99%
4-Bromofluorobenzene (Surrog. Recovery)			105%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
1,1-Dichloroethene	ug/kg	5	50	88%	90%	2%
Benzene	ug/kg	5	50	104%	112%	7%
Trichloroethene	ug/kg	5	50	100%	104%	3%
Toluene	ug/kg	5	50	102%	110%	7%
Chlorobenzene	ug/kg	5	50	104%	110%	5%

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

APPENDIX E

Laboratory Analytical Reports
Samples from Product Piping Trenches

REPORT OF LABORATORY ANALYSIS

EA Engineering
 41 A Lafayette Circle
 Lafayette, CA 94549

December 13, 1991
 PACE Project Number: 411206520

Attn: Mr. Joshua DeCarl

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0129877

Date Collected: 12/06/91

Date Received: 12/06/91

Client Sample ID: PL 1

Parameter Units MDL (Soil) DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT): - 12/13/91

Purgeable Fuels, as Gasoline (EPA 8015) ug/kg wet 4000 ND 12/13/91

PURGEABLE AROMATICS (BTXE BY EPA 8020): - 12/13/91

Benzene ug/kg wet 20 ND 12/13/91

Toluene ug/kg wet 20 77 12/13/91

Ethylbenzene ug/kg wet 20 35 12/13/91

Xylenes, Total ug/kg wet 20 140 12/13/91

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

Mr. Joshua DeCarl
 Page 2

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number:	70 0129885
Date Collected:	12/06/91
Date Received:	12/06/91
Client Sample ID:	PL 2
Parameter	<u>Units</u> <u>MDL</u> <u>(Soil)</u> <u>DATE ANALYZED</u>

ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/13/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	ND	12/13/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/13/91
Benzene	ug/kg wet	5.0	ND	12/13/91
Toluene	ug/kg wet	5.0	ND	12/13/91
Ethylbenzene	ug/kg wet	5.0	ND	12/13/91
Xylenes, Total	ug/kg wet	5.0	ND	12/13/91

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

Mr. Joshua DeCarl
 Page 3

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0129893
 Date Collected: 12/06/91
 Date Received: 12/06/91
 Client Sample ID: PL 3

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>(Soil)</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):				
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	5000	-	12/12/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):				
Benzene	ug/kg wet	25	690	12/12/91
Toluene	ug/kg wet	25	450	12/12/91
Ethylbenzene	ug/kg wet	25	2300	12/12/91
Xylenes, Total	ug/kg wet	25	7300	12/12/91

MDL Method Detection Limit

Mr. Joshua DeCarl
 Page 4

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0129907
 Date Collected: 12/06/91
 Date Received: 12/06/91
 Client Sample ID: PL 4
 Parameter

Units MDL (Soil) DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/11/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	100000	330000	12/11/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/11/91
Benzene	ug/kg wet	500	2700	12/11/91
Toluene	ug/kg wet	500	17000	12/11/91
Ethylbenzene	ug/kg wet	500	5700	12/11/91
Xylenes, Total	ug/kg wet	500	29000	12/11/91

MDL Method Detection Limit

REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
 Page 5

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0129915
 Date Collected: 12/06/91
 Date Received: 12/06/91
 Client Sample ID: PL 5
 Parameter Units MDL (Soil) DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):				
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	-	12/12/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):				
Benzene	ug/kg wet	5.0	5.3	12/12/91
Toluene	ug/kg wet	5.0	ND	12/12/91
Ethylbenzene	ug/kg wet	5.0	8.8	12/12/91
Xylenes, Total	ug/kg wet	5.0	8.6	12/12/91

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

Mr. Joshua DeCarl
 Page 6

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0129923
 Date Collected: 12/06/91
 Date Received: 12/06/91
 Client Sample ID: PL 6
 Parameter Units MDL (Soil) DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):				
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	4000	-	12/12/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/12/91
Benzene	ug/kg wet	20	ND	12/12/91
Toluene	ug/kg wet	20	48	12/12/91
Ethylbenzene	ug/kg wet	20	52	12/12/91
Xylenes, Total	ug/kg wet	20	33	12/12/91

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

Mr. Joshua DeCarl
 Page 7

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0129931
 Date Collected: 12/06/91
 Date Received: 12/06/91
 Client Sample ID: PL 7
 Parameter Units MDL (Soil) DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):				
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	4000	-	12/11/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/11/91
Benzene	ug/kg wet	20	ND	12/11/91
Toluene	ug/kg wet	20	95	12/11/91
Ethylbenzene	ug/kg wet	20	180	12/11/91
Xylenes, Total	ug/kg wet	20	250	12/11/91

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

Mr. Joshua DeCarl
 Page 8

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0129940
 Date Collected: 12/06/91
 Date Received: 12/06/91
 Client Sample ID: PL 8

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>(Soil)</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/12/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	5800	12/12/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/12/91
Benzene	ug/kg wet	5.0	330	12/12/91
Toluene	ug/kg wet	5.0	590	12/12/91
Ethylbenzene	ug/kg wet	5.0	80	12/12/91
Xylenes, Total	ug/kg wet	5.0	720	12/12/91

MDL Method Detection Limit

Mr. Joshua DeCarl
 Page 9

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0129958
 Date Collected: 12/06/91
 Date Received: 12/06/91
 Client Sample ID: PL 9
 Parameter

Units MDL (Soil) DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):				
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	-	12/12/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):				
Benzene	ug/kg wet	5.0	ND	12/12/91
Toluene	ug/kg wet	5.0	ND	12/12/91
Ethylbenzene	ug/kg wet	5.0	ND	12/12/91
Xylenes, Total	ug/kg wet	5.0	ND	12/12/91

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

Mr. Joshua DeCarl
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December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

PACE Sample Number:	70 0129966
Date Collected:	12/06/91
Date Received:	12/06/91
Client Sample ID:	PL 10
Parameter	<u>Units</u> <u>MDL</u> <u>(Soil)</u> <u>DATE ANALYZED</u>

ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):				
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	-	12/12/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):				
Benzene	ug/kg wet	5.0	ND	12/12/91
Toluene	ug/kg wet	5.0	ND	12/12/91
Ethylbenzene	ug/kg wet	5.0	ND	12/12/91
Xylenes, Total	ug/kg wet	5.0	ND	12/12/91

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

These data have been reviewed and are approved for release.

Donnell Cain for

Mark A. Valentini, Ph.D.
 Regional Director

Mr. Joshua DeCarl
 Page 11

QUALITY CONTROL DATA

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08360
 Samples: 70 0129907, 70 0129931

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			
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 8015)	ug/kg wet	200	309	119%	117%	1%
Benzene	ug/kg wet	1.0	40.0	93%	93%	0%
Toluene	ug/kg wet	1.0	40.0	96%	96%	0%
Ethylbenzene	ug/kg wet	1.0	40.0	96%	95%	1%
Xylenes, Total	ug/kg wet	1.0	80.0	98%	100%	2%

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

Mr. Joshua DeCarl
 Page 12

QUALITY CONTROL DATA

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX

Batch: 70 08386

Samples: 70 0129893, 70 0129915, 70 0129923, 70 0129940, 70 0129958
 70 0129966

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	349	105%	102%	2%
Benzene	ug/kg wet	1.0	40.0	110%	107%	2%
Toluene	ug/kg wet	1.0	40.0	109%	106%	2%
Ethylbenzene	ug/kg wet	1.0	40.0	110%	110%	0%
Xylenes, Total	ug/kg wet	1.0	80.0	108%	104%	3%

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

Mr. Joshua DeCarl
 Page 13

QUALITY CONTROL DATA

December 13, 1991
 PACE Project Number: 411206520

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08387
 Samples: 70 0129877

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			
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 8015)	ug/kg wet	200	300	108%	105%	2%
Benzene	ug/kg wet	1.0	40.0	105%	107%	1%
Toluene	ug/kg wet	1.0	40.0	104%	106%	1%
Ethylbenzene	ug/kg wet	1.0	40.0	106%	108%	1%
Xylenes, Total	ug/kg wet	1.0	80.0	106%	107%	0%

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



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

Irvine, CA
Alton Business Park
30 Hughes St., Suite 206, 92718
(714) 380-9559

Consultant Name: EA ENGINEERING
 Address: 41 LA FAYETTE CIR
 Project Contact: J DEAN Project #: 91001.88
 Phone #: 510 203 7077 Fax #:
 Consultant Work Release #:
 Exxon Contact: G. DEMARZO Phone #: 246 8726
 Site RAS #: 7-0235
 Site Location: DAKLAND
 Laboratory Work Release #:

Sampled by (please print)		Date Sampled		SOIL				WATER			Remarks
Sample Description	Collection Date/Time	Matrix	Prsv.	# of Cont.	TPWGASIBTEX EPA 8015/8020	TPW/Diesel EPA 8015	Organic Lead DHS Method	TPWGASIBTEX EPA 8015/802	TPW/Diesel EPA 8015	Organic Lead DHS Method	
PL 1	6 Dec 91	SOIL	/	1	✓						12987.7
PL 2			/	1	✓						88.5
PL 3			/	1	✓						89.3
PL 4			/	1	✓						90.7
PL 5			/	1	✓						91.5
PL 6			/	1	✓						92.3
PL 7			/	1	✓						93.1
PL 8			/	1	✓						94.0
PL 9			/	1	✓						95.8
PL 10			/	1	✓						96.6

Cooler No. <u>D15</u>	Relinquished by/Affiliation	Accepted by/Affiliation	Date	Time
Cooler Seal Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>Loni Kopf</u>	<u>Ed Kelly - Pace</u>	<u>12/6/91</u>	<u>1600</u>
Turnaround Time (circle choice) 24 hr. 48 hr. 72 hr. 96 hr. <u>5 workday (standard)</u>	<u>Ed Kelly - Pace</u>	<u>Vina Meyers - Pace</u>	<u>12/6</u>	<u>1745</u>
Shipment Method	Additional Comments:			
Shipment Date				
Distribution:	White - Original	Yellow - Exxon	Pink - Lab	Goldenrod - Consultant Field Staff

411206.520

APPENDIX F

Laboratory Analytical Reports
Samples from Stockpiled Soil



REPORT OF LABORATORY ANALYSIS

EA Engineering
 41 A Lafayette Circle
 Lafayette, CA 94549

December 10, 1991
 PACE Project Number: 411204510

Attn: Mr. Joshua DeCarl

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127521
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 1-4

Parameter	Units	MDL	Composite (Soil)	DATE ANALYZED
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/06/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	10000	46000	12/06/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/06/91
Benzene	ug/kg wet	250	ND	12/06/91
Toluene	ug/kg wet	250	110	12/06/91
Ethylbenzene	ug/kg wet	250	130	12/06/91
Xylenes, Total	ug/kg wet	250	1500	12/06/91

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

Mr. Joshua DeCarl
 Page 2

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127530
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 5-8

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Composite (Soil)</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):				
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	20000	-	12/06/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/06/91
Benzene	ug/kg wet	500	ND	12/06/91
Toluene	ug/kg wet	500	610	12/06/91
Ethylbenzene	ug/kg wet	500	400	12/06/91
Xylenes, Total	ug/kg wet	500	5800	12/06/91

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

Mr. Joshua DeCarl
 Page 3

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127548
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 9-12

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Composite (Soil)</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200000	390000	12/05/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
Benzene	ug/kg wet	1000	ND	12/05/91
Toluene	ug/kg wet	1000	2300	12/05/91
Ethylbenzene	ug/kg wet	1000	3200	12/05/91
Xylenes, Total	ug/kg wet	1000	24000	12/05/91

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

Mr. Joshua DeCarl
 Page 4

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127556
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 13-16

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Composite (Soil)</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/06/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	10000	80000	12/06/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/06/91
Benzene	ug/kg wet	50	150	12/06/91
Toluene	ug/kg wet	50	830	12/06/91
Ethylbenzene	ug/kg wet	50	700	12/06/91
Xylenes, Total	ug/kg wet	50	4300	12/06/91

MDL Method Detection Limit

Mr. Joshua DeCarl
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December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127564
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 17-20

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Composite (Soil)</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
Purgeable Fuels, as Gasoline (EPA 8015)	mg/kg wet	200	1200 (PPM)	12/05/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
Benzene	mg/kg wet	1.0	ND (PPM)	12/05/91
Toluene	mg/kg wet	1.0	16 (PPM)	12/05/91
Ethylbenzene	mg/kg wet	1.0	18 (PPM)	12/05/91
Xylenes, Total	mg/kg wet	1.0	100 (PPM)	12/05/91

MDL Method Detection Limit

Mr. Joshua DeCarl
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December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127572
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 21-24

Parameter	Units	MDL	Composite (Soil)	DATE ANALYZED
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INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Corrosivity (pH)	Units		8.4	12/05/91
Cyanide, Reactive	mg/kg	0.5	ND	12/09/91
Flash Point, Closed Cup	Degrees C	25	>60	12/05/91
Sulfides, Reactive	mg/kg	1.0	ND	12/05/91

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200000	980000	12/05/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
Benzene	ug/kg wet	1000	1100	12/05/91
Toluene	ug/kg wet	1000	20000	12/05/91
Ethylbenzene	ug/kg wet	1000	16000	12/05/91
Xylenes, Total	ug/kg wet	1000	90000	12/05/91

MDL Method Detection Limit
 ND Not detected at or above the MDL.
 > Greater than reported value.

Mr. Joshua DeCarl
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December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127580
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 25-28

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Composite (Soil)</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
Purgeable Fuels, as Gasoline (EPA 8015)	mg/kg wet	1000	1900 (PPM)	12/05/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
Benzene	mg/kg wet	5.0	12 (PPM)	12/05/91
Toluene	mg/kg wet	5.0	88 (PPM)	12/05/91
Ethylbenzene	mg/kg wet	5.0	37 (PPM)	12/05/91
Xylenes, Total	mg/kg wet	5.0	190 (PPM)	12/05/91

MDL Method Detection Limit

Mr. Joshua DeCarl
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December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127599
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 29-32

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Composite (Soil)</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/05/91
Purgeable Fuels, as Gasoline (EPA 8015)	mg/kg wet	1000	4200 (PPM)	12/05/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/05/91
Benzene	mg/kg wet	5.0	17 (PPM)	12/05/91
Toluene	mg/kg wet	5.0	190 (PPM)	12/05/91
Ethylbenzene	mg/kg wet	5.0	94 (PPM)	12/05/91
Xylenes, Total	mg/kg wet	5.0	480 (PPM)	12/05/91

MDL Method Detection Limit

Mr. Joshua DeCarl
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December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0127866
 Date Collected: 12/04/91
 Date Received: 12/04/91
 Client Sample ID: EA 1-4

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Comp Extract</u>	<u>WET</u>	<u>DATE ANALYZED</u>
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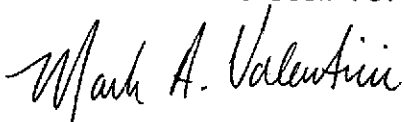
INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	ND		12/10/91
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MDL Method Detection Limit
 ND Not detected at or above the MDL.

These data have been reviewed and are approved for release.



Mark A. Valentini, Ph.D.
 Regional Director

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

Corrosivity (pH)
 Batch: 70 08181
 Samples: 70 0127572

SAMPLE DUPLICATE:

Parameter	Units	MDL	70 0127394	Duplicate of 70 0127394	RPD
Corrosivity (pH)	Units		8.6	8.6	0%

MDL Method Detection Limit
 RPD Relative Percent Difference

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

Cyanide, Reactive
 Batch: 70 08244
 Samples: 70 0127572

METHOD BLANK AND SAMPLE DUPLICATE:

Parameter	Units	MDL	Method Blank	70 0127572 EA 21-24 Composite (Soil)	Duplicate of 70 0127572	RPD
Cyanide, 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
Cyanide, Reactive	mg/kg	0.5	968	10%	10%	0%

MDL Method Detection Limit
 RPD Relative Percent Difference
 NC No calculation due to value below detection limit.

Mr. Joshua DeCarl
 Page 12

QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

Flash Point, Closed Cup
 Batch: 70 08182
 Samples: 70 0127572

SAMPLE DUPLICATE:

Parameter	Units	MDL	70 0127394	Duplicate of 70 0127394	RPD
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%

MDL Method Detection Limit
 RPD Relative Percent Difference

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

Lead (EPA Method 6010/200.7, ICP)
 Batch: 70 08310
 Samples: 70 0127866

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Lead (EPA Method 6010/200.7, ICP)	mg/L	0.1	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/L	0.1	2.0	91%	89%	2%

MDL Method Detection Limit
 RPD Relative Percent Difference

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

Sulfides, Reactive
 Batch: 70 08205
 Samples: 70 0127572

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Sulfides, Reactive	mg/kg	1.0	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Sulfides, Reactive	mg/kg	1.0	1100	43%	46%	6%

MDL Method Detection Limit
 RPD Relative Percent Difference

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08179

Samples: 70 0127548, 70 0127564, 70 0127572, 70 0127580, 70 0127599

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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	Dupl		
			Value	Recv	Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	285	115%	120%	4%
Benzene	ug/kg wet	1.0	40.0	111%	109%	1%
Toluene	ug/kg wet	1.0	40.0	113%	111%	1%
Ethylbenzene	ug/kg wet	1.0	40.0	113%	111%	1%
Xylenes, Total	ug/kg wet	1.0	80.0	112%	110%	1%

MDL Method Detection Limit
 RPD Relative Percent Difference

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08251
 Samples: 70 0127521, 70 0127530

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	345	89%	84%	5%
Benzene	ug/kg wet	1.0	40.0	113%	117%	3%
Toluene	ug/kg wet	1.0	40.0	117%	121%	3%
Ethylbenzene	ug/kg wet	1.0	40.0	113%	117%	3%
Xylenes, Total	ug/kg wet	1.0	80.0	122%	126%	3%

MDL Method Detection Limit
 RPD Relative Percent Difference

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 10, 1991
 PACE Project Number: 411204510

Client Reference: Exxon 7-0235

TPH GASOLINE/BTEX
 Batch: 70 08252
 Samples: 70 0127556

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	200	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-
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 8015)	ug/kg wet	200	285	118%	121%	2%
Benzene	ug/kg wet	1.0	40.0	105%	103%	1%
Toluene	ug/kg wet	1.0	40.0	107%	107%	0%
Ethylbenzene	ug/kg wet	1.0	40.0	107%	107%	0%
Xylenes, Total	ug/kg wet	1.0	80.0	106%	106%	0%

MDL Method Detection Limit
 RPD Relative Percent Difference



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

Irvine, CA
 Alton Business Park
 30 Hughes St., Suite 206, 92718
 (714) 380-9559

Consultant Name: EA ENGINEERING
 Address: 41 LAFAYETTE CIR, LAFAYETTE
 Project Contact: J DECARL Project #: 81001-88
 Phone #: 510 283 7077 Fax #:
 Consultant Work Release #:

Exxon Contact: G. DZMARZO Phone #: 510 246 8726
 Site RAS #: 7-0235
 Site Location: OAKLAND
 Laboratory Work Release #:

Sampled by (please print) <u>JEFF ROTH</u>					SOIL			WATER			TPH EPA 418.1	Total Oil & Grease SM 5520	STLC Pb	RCI	Remarks
Sampler Signature <u>J Roth</u>	Date Sampled <u>12/4/91</u>				TPH/GAS/BTEX EPA 8015/8020	TPH/Lead EPA 8015	Organic Lead DHS Method	TPH/GAS/BTEX EPA 8015/8020	TPH/Lead EPA 8015	Organic Lead DHS Method					
Sample Description	Collection Date/Time	Matrix	Prsv.	# of Cont.											
EA 1-4	12752.1	SOIL	/	4	✓							✓			12786.6 Remarks
EA 5-8	53.0		/		✓										3 DAY TURN
EA 9-12	54.8		/		✓										APPEL ON
EA 13-16	55.6		/		✓										ALL BUT
EA 17-20	56.4		/		✓										STLC Pb
EA 21-24	57.2		/		✓								✓		
EA 25-28	58.0		/		✓										
EA 29-32	59.9		/		✓										
EA															
K14															

Cooler No.	Relinquished by/Affiliation	Accepted by/Affiliation	Date	Time
Cooler Seal Intact	<u>Jim Brampman</u> / PACE <u>John M. Small</u> / PACE		<u>12/4/91</u>	<u>15:20</u>
<input type="checkbox"/> Yes <input type="checkbox"/> No			<u>12/4/91</u>	<u>16:45</u>
Turnaround Time (circle choice)				
24 hr. 48 hr. <input checked="" type="radio"/> 72 hr. 96 hr. 5 workday (standard)				
Shipment Method	Additional Comments: <u>STLC Pb is 5 days</u>			
Shipment Date				
Distribution:	White - Original	Yellow - Exxon	Pink - Lab	Goldenrod - Consultant Field Staff

411204.510

Mr. Joshua DeCarl
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December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0125952
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: SSI-4

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Composite</u>	<u>DATE ANALYZED</u>
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ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/02/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	4000	120000	12/02/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/02/91
Benzene	ug/kg wet	20	ND	12/02/91
Toluene	ug/kg wet	20	370	12/02/91
Ethylbenzene	ug/kg wet	20	910	12/02/91
Xylenes, Total	ug/kg wet	20	1700	12/02/91

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

Mr. Joshua DeCarl
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December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0125960
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: SS5-8
 Parameter Units MDL Composite DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/02/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	10000	180000	12/02/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/02/91
Benzene	ug/kg wet	50	ND	12/02/91
Toluene	ug/kg wet	50	1900	12/02/91
Ethylbenzene	ug/kg wet	50	1700	12/02/91
Xylenes, Total	ug/kg wet	50	7800	12/02/91

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

REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
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December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0125979
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: SS9-12
 Parameter

Units MDL Composite DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/04/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	20000	270000	12/04/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/04/91
Benzene	ug/kg wet	100	170	12/04/91
Toluene	ug/kg wet	100	8900	12/04/91
Ethylbenzene	ug/kg wet	100	5400	12/04/91
Xylenes, Total	ug/kg wet	100	26000	12/04/91

MDL Method Detection Limit

Mr. Joshua DeCarl
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December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0125987
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: SS13-16
 Parameter Units MDL Composite DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/03/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	4000	30000	12/03/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/03/91
Benzene	ug/kg wet	20	22	12/03/91
Toluene	ug/kg wet	20	480	12/03/91
Ethylbenzene	ug/kg wet	20	300	12/03/91
Xylenes, Total	ug/kg wet	20	1500	12/03/91

MDL Method Detection Limit

Mr. Joshua DeCarl
 Page 8

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0125995
 Date Collected: 11/27/91
 Date Received: 11/27/91
 Client Sample ID: SS17-20
 Parameter Units MDL Composite DATE ANALYZED

INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Corrosivity (pH)	Units		7.9	12/04/91
Cyanide, Reactive	mg/kg	0.5	ND	12/03/91
Flash Point, Closed Cup	Degrees C	25	>60	12/04/91
Sulfides, Reactive	mg/kg	1.0	ND	12/03/91

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):			-	12/02/91
Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	4000	130000	12/02/91
PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/02/91
Benzene	ug/kg wet	20	ND	12/02/91
Toluene	ug/kg wet	20	1800	12/02/91
Ethylbenzene	ug/kg wet	20	1900	12/02/91
Xylenes, Total	ug/kg wet	20	7800	12/02/91

MDL Method Detection Limit
 ND Not detected at or above the MDL.
 > Greater than reported value.

Mr. Joshua DeCarl
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December 06, 1991
PACE Project Number: 411127506

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0126355
Date Collected: 11/27/91
Date Received: 11/27/91
Client Sample ID: SS1-4 Comp
Parameter Units MDL WET-EX DATE ANALYZED

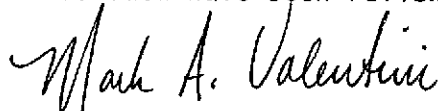
INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Lead (EPA Method 6010/200.7, ICP) mg/L 0.1 ND 12/06/91

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

These data have been reviewed and are approved for release.



Mark A. Valentini, Ph.D.
Regional Director

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Corrosivity (pH)
 Batch: 70 08126
 Samples: 70 0125995

SAMPLE DUPLICATE:

Parameter	Units	MDL	70 0125995 Duplicate SS17-20 of Composite	70 0125995	RPD
Corrosivity (pH)	Units		7.9	7.9	0%

MDL Method Detection Limit
 RPD Relative Percent Difference

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Cyanide, Reactive
 Batch: 70 08118
 Samples: 70 0125995

METHOD BLANK:

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Method Blank</u>
Cyanide, Reactive	mg/kg	0.5	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Reference Value</u>	<u>Recv</u>	<u>Dup1 Recv</u>	<u>RPD</u>
Cyanide, Reactive	mg/kg	0.5	968	14%	15%	6%

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

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Flash Point, Closed Cup
 Batch: 70 08136
 Samples: 70 0125995

SAMPLE DUPLICATE:

Parameter	Units	MDL	70 0125995 Duplicate	
Flash Point, Closed Cup	Degrees C	25	SS17-20 of	
			Composite 70 0125995	RPD
			>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%

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

REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
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QUALITY CONTROL DATA

December 06, 1991
 PACE Project Number: 411127506

Client Reference: Exxon 7-0235

Sulfides, Reactive
 Batch: 70 08085
 Samples: 70 0125995

METHOD BLANK AND SAMPLE DUPLICATE:

Parameter	Units	MDL	Method Blank	70 0126410	Duplicate of 70 0126410	RPD
Sulfides, Reactive	mg/kg	1.0	ND	ND	ND	NC

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Sulfides, Reactive	mg/kg	1.0	945	25%	33%	27%

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



REPORT OF LABORATORY ANALYSIS

EA Engineering
41 A Lafayette Circle
Lafayette, CA 94549

December 18, 1991
PACE Project Number: 411211509

Attn: Mr. Joshua DeCarl

Client Reference: Exxon 7-0235

PACE Sample Number:

70 0131740

Date Collected:

12/11/91

Date Received:

12/11/91

Client Sample ID:

SS21-24

Parameter

Units

MDL

Composite

DATE ANALYZED

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):

Purgeable Fuels, as Gasoline (EPA 8015)

ug/kg wet 1000

- 12/18/91

ND 12/18/91

PURGEABLE AROMATICS (BTXE BY EPA 8020):

- 12/18/91

Benzene

ug/kg wet 5.0

ND 12/18/91

Toluene

ug/kg wet 5.0

ND 12/18/91

Ethylbenzene

ug/kg wet 5.0

ND 12/18/91

Xylenes, Total

ug/kg wet 5.0

11 12/18/91

MDL Method Detection Limit

ND Not detected at or above the MDL.



REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
Page 2

December 18, 1991
PACE Project Number: 411211509

Client Reference: Exxon 7-0235

PACE Sample Number:

70 0131758

Date Collected:

12/11/91

Date Received:

12/11/91

Client Sample ID:

SS25-28

Parameter

Units

MDL

Composite

DATE ANALYZED

INORGANIC ANALYSIS

INDIVIDUAL PARAMETERS

Cadmium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	ND	12/17/91
Chromium (EPA Method 6010/200.7, ICP)	mg/kg wet	1	43	12/17/91
Lead (EPA Method 6010/200.7, ICP)	mg/kg wet	10	19	12/17/91
Nickel (EPA Method 6010/200.7, ICP)	mg/kg wet	2	55	12/17/91
Zinc (EPA Method 6010/200.7, ICP)	mg/kg wet	1	41	12/17/91

ORGANIC ANALYSIS

TPH GASOLINE/BTEX

TOTAL FUEL HYDROCARBONS, (LIGHT):

Purgeable Fuels, as Gasoline (EPA 8015)	ug/kg wet	1000	-	12/13/91
---	-----------	------	---	----------

PURGEABLE AROMATICS (BTXE BY EPA 8020):			-	12/13/91
---	--	--	---	----------

Benzene	ug/kg wet	5.0	ND	12/13/91
---------	-----------	-----	----	----------

Toluene	ug/kg wet	5.0	ND	12/13/91
---------	-----------	-----	----	----------

Ethylbenzene	ug/kg wet	5.0	25	12/13/91
--------------	-----------	-----	----	----------

Xylenes, Total	ug/kg wet	5.0	8.3	12/13/91
----------------	-----------	-----	-----	----------

TPH DIESEL, BY EPA METHOD 8015

Extractable Fuels, as Diesel	mg/kg	5.0	35 (H)	12/13/91
------------------------------	-------	-----	--------	----------

Date Extracted			12/12/91	
----------------	--	--	----------	--

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS

Chloromethane	ug/kg	10	ND	12/12/91
---------------	-------	----	----	----------

Vinyl Chloride	ug/kg	10	ND	12/12/91
----------------	-------	----	----	----------

Bromomethane	ug/kg	10	ND	12/12/91
--------------	-------	----	----	----------

Chloroethane	ug/kg	10	ND	12/12/91
--------------	-------	----	----	----------

Trichlorofluoromethane	ug/kg	5	ND	12/12/91
------------------------	-------	---	----	----------

2-Butanone (MEK)	ug/kg	50	ND	12/12/91
------------------	-------	----	----	----------

1,1-Dichloroethene	ug/kg	5	ND	12/12/91
--------------------	-------	---	----	----------

Carbon Disulfide	ug/kg	5	ND	12/12/91
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MDL Method Detection Limit

ND Not detected at or above the MDL.

(H) Hydrocarbons greater than C22 present.



REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
Page 3

December 18, 1991
PACE Project Number: 411211509

Client Reference: Exxon 7-0235

PACE Sample Number:

70 0131758

Date Collected:

12/11/91

Date Received:

12/11/91

Client Sample ID:

SS25-28

Parameter

Units

MDL

Composite DATE ANALYZED

ORGANIC ANALYSIS

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS

Acetone	ug/kg	50	ND	12/12/91
Methylene Chloride	ug/kg	5	ND	12/12/91
trans-1,2-Dichloroethene	ug/kg	5	ND	12/12/91
cis-1,2-Dichloroethene	ug/kg	5	ND	12/12/91
1,1-Dichloroethane	ug/kg	5	ND	12/12/91
Chloroform	ug/kg	5	ND	12/12/91
1,1,1-Trichloroethane	ug/kg	5	ND	12/12/91
1,2-Dichloroethane	ug/kg	5	ND	12/12/91
Carbon Tetrachloride	ug/kg	5	ND	12/12/91
Benzene	ug/kg	5	ND	12/12/91
1,2-Dichloropropane	ug/kg	5	ND	12/12/91
Trichloroethene	ug/kg	5	ND	12/12/91
Bromodichloromethane	ug/kg	5	ND	12/12/91
trans-1,3-Dichloropropene	ug/kg	5	ND	12/12/91
4-Methyl-2-pentanone (MIBK)	ug/kg	50	ND	12/12/91
Toluene	ug/kg	5	ND	12/12/91
cis-1,3-Dichloropropene	ug/kg	5	ND	12/12/91
1,1,2-Trichloroethane	ug/kg	5	ND	12/12/91
Dibromochloromethane	ug/kg	5	ND	12/12/91
2-Hexanone	ug/kg	50	ND	12/12/91
Tetrachloroethene	ug/kg	5	ND	12/12/91
Chlorobenzene	ug/kg	5	ND	12/12/91
Ethylbenzene	ug/kg	5	19	12/12/91
Bromoform	ug/kg	5	ND	12/12/91
Xylene(s) Total	ug/kg	5	8	12/12/91
Styrene	ug/kg	5	ND	12/12/91
1,1,2,2,-Tetrachloroethane	ug/kg	5	ND	12/12/91
1,3-Dichlorobenzene	ug/kg	5	ND	12/12/91

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



REPORT OF LABORATORY ANALYSIS

Mr. Joshua DeCarl
Page 4

December 18, 1991
PACE Project Number: 411211509

Client Reference: Exxon 7-0235

PACE Sample Number: 70 0131758
Date Collected: 12/11/91
Date Received: 12/11/91
Client Sample ID: SS25-28

<u>Parameter</u>	<u>Units</u>	<u>MDL</u>	<u>Composite</u>	<u>DATE ANALYZED</u>
------------------	--------------	------------	------------------	----------------------

ORGANIC ANALYSIS

VOLATILE ORGANICS, EPA METHOD 8240 GC/MS

1,4-Dichlorobenzene	ug/kg	5	ND	12/12/91
1,2-Dichlorobenzene	ug/kg	5	ND	12/12/91
1,2-Dichloroethane-d4 (Surrog. Recovery)			101%	12/12/91
Toluene-d8 (Surrogate Recovery)			104%	12/12/91
4-Bromofluorobenzene (Surrog. Recovery)			98%	12/12/91

TOTAL OIL AND GREASE (SM 5520)

Total Oil & Grease SM 5520	mg/kg wet	50	310	12/12/91
Date Extracted			12/12/91	

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

These data have been reviewed and are approved for release.

Mark A. Valentini, Ph.D.
Regional Director



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

Irvine, CA
Alton Business Park
30 Hughes St., Suite 206, 92718
(714) 380-9559

Consultant Name: EA Engineering
Address: 41 Lafayette Ln
Project Contact: J DeCine Project #: 81001-88
Phone #: 510 283 7077 Fax #:
Consultant Work Release #:

Exxon Contact: G. DeMarzo Phone #: (510) 296 8726
Site RAS #: 7-0235
Site Location: Oakland
Laboratory Work Release #:

Sampled by (please print)					SOIL			WATER			Total Oil & Grease SM 5520		For Lab, Calif 8290		Remarks
Sampler Signature	Date Sampled				TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	Organic Lead DHS Method	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	Organic Lead DHS Method	TRPH EPA 418.1	Total Oil & Grease SM 5520	For Lab, Calif 8290		
Sample Description	Collection Date/Time	Matrix	Prsv.	# of Cont.											
SS 21-2A	11/16/91	SOIL	-	4	✓									Composite 13/74.6	
SS 25-2B	↓	SOIL	-	4	✓	✓					✓	✓	✓	75.8	
JTS															

Cooler No.	Relinquished by/Affiliation	Accepted by/Affiliation	Date	Time
Cooler Seal Intact	Ed. H. H. H. H. H.	Ed. H. H. H. H. H.	12/11	1505
<input type="checkbox"/> Yes <input type="checkbox"/> No		Jina Meyers - Pace	12/11	1640
Turnaround Time (circle choice)				
24 hr. 48 hr. 72 hr. 96 hr. <input checked="" type="radio"/> 5 workday (standard)				
Shipment Method	Additional Comments:			
Shipment Date				
Distribution:	White - Original	Yellow - Exxon	Pink - Lab	Goldenrod - Consultant Field Staff

11/21/91.504

ATT

Aqua Terra Technologies
 2950 Buskirk Avenue
 Walnut Creek, CA 94596
 (415) 934-4884

STATIC ACUTE BIOASSAY
 (Hazardous Waste Test)

CLIENT: PACE Labs (pg. 1 of 2) ATTENTION: _____
 SAMPLE ID#: 10615 a-d SAMPLE DESCRIPTION: Soil TESTING DATES: 12/12/91 to 12/16/91
 CLIENT ID#: 70-012756.4 Composite of Samples a-d.

INITIAL							24-HOUR				48-HOUR				72-HOUR				96-HOUR.FINAL			
TEST CONC CTRL	Alk * mg/L	Hard * mg/L	Live	pH	DO mg/L	Temp oC	Live	pH	DO mg/L	Temp oC	Live	pH	DO mg/L	Temp oC	Live	pH	DO mg/L	Temp oC	Live	pH	DO mg/L	Temp oC
C-1	32	48	10	7.7	8.2	20	10	7.5	8.5	20	10	7.6	8.6	22	10	7.4	8.4	21	10	7.4	8.9	19
C-2	32	48	10	7.7	8.4	20	10	7.5	8.5	20	10	7.6	8.6	22	10	7.3	7.8	21	10	7.3	8.3	19

Test Species: fatheads Avg Length 34.3 mm SL Max Length 37.0 mm SL Min Length 26.0 mm SL
 Test Source: Putman Avg Wt 0.58 g Max Wt 0.81 g Min Wt 0.21 g
 Species Density 10 tank Control & Dilution Water dechlorinated tap Test Soln Vol 10 L Depth 13.2 cm Aeration bubble
 Acclimation Tank % Dead 0 Accl. Tank Water dechlorinated tap Accl. Period 1 Days Accl. Temp. 20 +/-2°C

96-hr. Final Percent Survival in Controls: 100% in Controls

Remarks: * Final Alkalinity/Hardness (mg/L): Controls = 39/50

Technician: W. P. ... Laboratory Manager: William Porter
 PAC10615.DT1 Laboratory Director: _____

Aqua Terra Technologies
 2950 Buskirk Avenue
 Walnut Creek, CA 94596
 (415) 934-4884

STATIC ACUTE BIOASSAY
 (Hazardous Waste Test)

ATT

CLIENT: PACE Labs (pg. 2 of 2) ATTENTION: Ms. Caron Sontag
 SAMPLE ID#: 10615 a-d SAMPLE DESCRIPTION: Soil TESTING DATES: 12/12/91 to 12/16/91
 CLIENT ID#: 70-012756.4 Composite of Samples a-d

INITIAL							24-HOUR				48-HOUR				72-HOUR				86-HOUR, FINAL			
TEST CONC mg/L	Alk mg/L	Hard mg/L	Live	pH	DO mg/L	Temp oC	Live	pH	DO mg/L	Temp oC	Live	pH	DO mg/L	Temp oC	Live	pH	DO mg/L	Temp oC	Live	pH	DO mg/L	Temp oC
250 A			10	7.8	7.9	20	10	7.2	8.7	20	10	7.5	8.6	22	10	7.3	7.7	21	10	7.3	8.0	19
250 B			10	7.8	8.3	20	10	7.2	8.7	20	10	7.3	8.6	22	10	7.2	7.5	21	10	7.3	8.0	19
500 A			10	7.8	8.5	20	10	7.3	8.6	20	10	7.4	8.6	22	10	7.2	8.3	21	10	7.2	7.9	19
500 B			10	7.8	8.6	20	10	7.3	8.6	20	10	7.4	8.5	22	10	7.3	8.2	21	10	7.3	8.3	19
750 A	29	36	10	7.8	8.6	20	10	7.4	8.5	20	10	7.5	8.5	22	10	7.3	8.2	21	10	7.2	8.2	19
750 B	29	36	10	7.8	8.6	20	10	7.4	8.5	20	10	7.5	8.5	22	10	7.3	8.4	21	10	7.2	8.2	19

Test Species: Fatheads Avg Length 34.3 mm SL Max Length 37.0 mm SL Min Length 26.0 mm SL
 Test Source: Putman Avg Wt 0.58 g Max Wt 0.81 g Min Wt 0.21 g
 Species Density 10 tank Control & Dilution Water dechlorinated tap Test Soln Vol 10 L Depth 13.2 cm Aeration bubble
 Acclimation Tank % Dead 0 Accl. Tank Water dechlorinated tap Accl. Period 1 Days Accl. Temp. 20 +/-2°C
 96-hr. LC50: > 750 mg/L

95% Confidence Limits: N/A
 96-hr. Final Percent Survival This Pg.: 100% in all treatments

Remarks: * Final Alkalinity, Hardness (mg/L): 750 mg/L = 35,52

Technician: *Wendy A. Montusca* Laboratory Manager: *William Sontag*
 Laboratory Director: _____



#10615ad

To: Aqua Terra Labs.

18108

CHAIN-OF-CUSTODY RECORD Analytical Request

Client: PACE, Inc.
Address: 11 Digital Dr.
Novato, CA 94949
Phone: (415) 883-6100

Report To: Caron Sontag
Bill To:
P.O. # / Billing Reference: 70-1558
Project Name / No.:

Pace Client No.
Pace Project Manager
Pace Project No. 411204.510
*Requested Due Date:

Sampled By (PRINT):
Sampler Signature: _____ Date Sampled: 12-4-91

NO. OF CONTAINERS	PRESERVATIVES			
	UNPRESERVED	H ₂ SO ₄	HNO ₃	VOA
4				

ANALYSES REQUEST
96 hr. Acute LC-50 Title 22 Bioassay (Fathead Minnows)

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H ₂ SO ₄	HNO ₃	VOA	ANALYSES REQUEST	REMARKS
1	70 012756.4		SOIL		4						* * * Client needs results ASAP. All Computed #10615ad
2											
3											
4	please composite 4										
5	tubes prior										
6	to analysis.										
7											
8											

COOLER NOS.	BAILERS	SHIPMENT METHOD	ITEM NUMBER	RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME
		OUT / DATE RETURNED / DATE	1	La Jolla PACE	Bill Porter	12/11/91	1:30 pm
						12/11/91	2:45 pm

Additional Comments: cc. Batch# 5-660
Please FAX results also to Josh DeCarl (EA Engineering) FAX # 283-3894 Call Verbals to 283-7077

APPENDIX G

Disposal Manifests for Stockpiled Soils
Samples from Stockpiled Soil

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 EPA I.D. NO. CAL000028841
 PHONE NO. 510 246-8700

CONTAINERS: No. 200036 VOLUME _____ WEIGHT 237

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
Soil with Petroleum Hydrocarbons Service Station Site Clean-up

WASTE DESCRIPTION			GENERATING PROCESS		
COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Greg Demarzo 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
Byron, California 94514
 CITY, STATE, ZIP _____
 PHONE NO. 510 634-6850
 EPA I.D. NO. CAD981692809
 SERVICE ORDER NO. 2/61
 PICK UP DATE 12/11/91

TRUCK, UNIT, I.D. NO. 13 J. Powers Jr Reg 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
Kettleman City, California 93239
 CITY, STATE, ZIP _____
 PHONE NO. 800 222-2964
 EPA I.D. NO. CAT000646117
 DISPOSAL METHOD LANDFILL OTHER _____
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 EPA I.D. NO. CAL000028841
 PHONE NO. 510, 246-8700

CONTAINERS: No. 205126 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Mary DeMazzo 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61

CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12-11-91

PHONE NO. (510) 634-6850
 TRUCK, UNIT, I.D. NO. 975 Richard Nannini Richard Nannini 12-11-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000648117

ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.

ADDRESS P. O. Box 4415

EPA ID. NO. CAL000028841

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland
Station # 7-0235

PHONE NO. 510,246-8700

CONTAINERS: No. 206030 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons

GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Greg DeMarzo 12/11/91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.

EPA ID. NO. CAD981692809

ADDRESS P. O. Box 218

SERVICE ORDER NO. 2/81

CITY, STATE, ZIP Byron, California 94514

PICK UP DATE 12-11-91

PHONE NO. 510,634-8850

TRUCK UNIT, I.D. NO. 14

JIM FERREIRA Jim Ferreira 12-11-91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.

EPA ID. NO. CAT000646117

ADDRESS 35251 Old Skyline Blvd.

DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 715911 20505 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			GENERATING PROCESS		
	PPM	%		PPM	%
1. Soil		99.9	5. _____		
2. Petroleum Hydrocarbons	<1000	<.01	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARTO Greg DeMarto 12/1/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
Byron, California 94514

CITY, STATE, ZIP _____ PICK UP DATE _____

PHONE NO. 510, 634-6850 Robert Asmer Robert Asmer 12-11-91
 TRUCK, UNIT, I.D. NO. 28, 78A TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
Kettleman City, California 93239

CITY, STATE, ZIP _____ PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY _____

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.

ADDRESS P. O. Box 4415

EPA I.D. NO.

CAL000028841

CITY, STATE, ZIP Houston, Texas 77310-4415

Site: 2225 Telegraph, Oakland

Station #7-0235

PHONE NO. 510,246-8700

CONTAINERS: No. 24631 200908 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons

Service Station Site Clean-up

COMPONENTS OF WASTE			GENERATING PROCESS		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GRFC DEMARZO Ray DeMarco 12/11/91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.

EPA I.D. NO.

CAD981692809

ADDRESS P. O. Box 218

SERVICE ORDER NO. 2/61

CITY, STATE, ZIP Byron, California 94514

PICK UP DATE _____

PHONE NO. (510) 634-6850

TRUCK, UNIT, I.D. NO. 87-871A

Ronald Howard B. [Signature] 12-11-91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.

EPA I.D. NO.

CAT000646117

ADDRESS 35251 Old Skyline Blvd.

DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964

TYPED OR PRINTED FULL NAME & SIGNATURE _____

DATE _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF	NONE

DISCREPANCY _____

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841

ADDRESS P. O. Box 4415

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 206041 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Greg DeMarzo 12/11/91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809

ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61

CITY, STATE, ZIP Byron, California 94514 PICK UP DATE _____

PHONE NO. 510, 634-6850

TRUCK, UNIT, I.D. NO. MM3 MARK MANCUSO 12-9-91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117

ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964

_____ TYPED OR PRINTED FULL NAME & SIGNATURE DATE _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 PHONE NO. 510 246-8700
 EPA I.D. NO. CAL000028841
 CONTAINERS: No. 20 336 / 20337 VOLUME 18 Yards WEIGHT _____
 TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			GENERATING PROCESS		
COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. Soil		99.9	5.		
2. Petroleum Hydrocarbons	<1000	<.01	6.		
3.			7.		
4.			8.		

 PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____
 HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 054
 THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.
GREG DEMARZO Greg Demarzo 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
 CITY, STATE, ZIP Byron, California 94514
 PHONE NO. 510 834-6850
 TRUCK UNIT, I.D. NO. J71
 EPA I.D. NO. CAD981692809
 SERVICE ORDER NO. 2/61
 PICK UP DATE 12/11/91
ROBERT R. DAVIS Robert R. Davis 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 PHONE NO. 800 222-2964
 EPA I.D. NO. CAT000646117
 DISPOSAL METHOD LANDFILL OTHER _____
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station #7-0235
 EPA I.D. NO. CAL000028841
 PHONE NO. 510, 246-8700

CONTAINERS: No. 204355 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Mary DeMazo 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
 CITY, STATE, ZIP Byron, California 94514
 EPA I.D. NO. CAD981692809
 SERVICE ORDER NO. 2/61

PHONE NO. (510) 634-6850
 TRUCK UNIT, I.D. NO. 43
Guy Reed 12-11-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 EPA I.D. NO. CAT000646117
 DISPOSAL METHOD LANDFILL OTHER _____

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph Station #7-0235 Oakland PHONE NO. 510, 246-8700

CONTAINERS: No. 204356 ① VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons Service Station Site Clean-up

COMPONENTS OF WASTE			PPM	%	GENERATING PROCESS		
1.	2.	3.	4.	5.	6.	7.	8.
<u>Soil</u>				<u>99.9</u>			
<u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>					

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO *[Signature]* 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
Byron, California 94514
 CITY, STATE, ZIP _____ PICK UP DATE _____

PHONE NO. 510, 634-6850
204356 715 Jake Wheeler *[Signature]* 12-11-91
 TRUCK, UNIT, I.D. NO. TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
Kettleman City, California 93239
 CITY, STATE, ZIP _____

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF	NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. GA4000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland
Station #7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 204357 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO *Greg Demarzo* 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
Byron, California 94514

CITY, STATE, ZIP _____ PICK UP DATE 12-11-91

PHONE NO. (510) 634-6850
 TRUCK UNIT, I.D. NO. 204357-1 *John Wheeler* 12-11-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000846117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD
Kettleman City, California 93239 LANDFILL OTHER _____

CITY, STATE, ZIP _____ PHONE NO. 800 222-2964

TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 EPA I.D. NO. CAL000028841
 PHONE NO. 510, 246-8700

CONTAINERS: No. _____ VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			PPM	%	COMPONENTS OF WASTE			PPM	%
1.	Soil			99.9	5.				
2.	Petroleum Hydrocarbons	<1000	<.01		6.				
3.					7.				
4.					8.				

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 054

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO My D. Mye 12/11/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
 CITY, STATE, ZIP Byron, California 94514
 EPA I.D. NO. CAD981692809
 SERVICE ORDER NO. 2/61
 PHONE NO. 510, 634-6850
 PICK UP DATE _____

TRUCK UNIT, I.D. NO. 31
HAROLD HAMPTON Harold Hampton 12/12/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 EPA I.D. NO. CAT000646117
 DISPOSAL METHOD LANDFILL OTHER _____
 PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

GEN	OLD/NEW	L	A	TONS	DISCREPANCY
TRANS		S	B		
C/Q		RT/CD	HWDF	NONE	

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station #7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 205124 VOLUME 18 Yards WEIGHT 18 TONS

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. Soil		99.9	5. _____		
2. Petroleum Hydrocarbons	<1000	<.01	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

MFCALLEN WELLS 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981892809

ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61

CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12-12-91

PHONE NO. (510) 634-6850

TRUCK, UNIT, I.D. NO. 21-260 AL GARCIA 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117

ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964

 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY _____

975 4671054
1UR6165

6891

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAI900028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station #7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 205126 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

WFCollins For Exxon WFCollins 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
 CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12-12-91

PHONE NO. 510, 634-6850
 TRUCK, UNIT, I.D. NO. 975 Rich Nannini Richard Nannini 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. G A L 0 0 0 0 2 8 8 4 1
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station #7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 206030 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

MF Collier W. B. Collier 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. C A D 9 8 1 6 9 2 8 0 9
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
Byron, California 94514
 CITY, STATE, ZIP _____ PICK UP DATE 12-12-91

PHONE NO. (510) 634-6850
 TRUCK UNIT, I.D. NO. 14 Jim FERREIRO Jim Jensen 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. C A T 0 0 0 8 4 6 1 1 7
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
Kettleman City, California 93239
 CITY, STATE, ZIP _____

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph. Oakland Station # 7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 206041 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Mark Mancuso
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE 12-12-91

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218
Byron, California 94514 SERVICE ORDER NO. 2/61

CITY, STATE, ZIP _____ PICK UP DATE 12-12-91

PHONE NO. 510, 634-6850
 TRUCK UNIT I.D. NO. AM3 Mark Mancuso
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE 12-12-91

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd.
Kettleman City, California 93239 DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP _____ PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF	NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.

ADDRESS P. O. Box 4415

EPA I.D. NO. QAL010100281841

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station #7-0235

PHONE NO. 510, 246-8700

CONTAINERS: No. 715414, 715415 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

McCollister TYPED OR PRINTED FULL NAME & SIGNATURE DATE 12-17-91

TRANSPORTER

NAME Dillard Trucking, Inc.

EPA I.D. NO. CAD981692809

ADDRESS P. O. Box 218

SERVICE ORDER NO. 2/61

CITY, STATE, ZIP Byron, California 94514

PICK UP DATE 12-17-91

PHONE NO. (510) 694-8850

TRUCK UNIT, I.D. NO. 78 384

Robert Hasmev TYPED OR PRINTED FULL NAME & SIGNATURE DATE 12-17-91

TSD FACILITY

NAME Chemical Waste Management, Inc.

EPA I.D. NO. GAT0000646117

ADDRESS 35251 Old Skyline Blvd.

DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF NONE	

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph. Oakland Station # 7-0235 PHONE NO. 510, 246-8700

CONTAINERS: 200336 / 200337 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

M.F. Collins Exxon 12.12.91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
 CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12/12/91

PHONE NO. 510, 634-6850
 TRUCK, UNIT, I.D. NO. J71 Robert R. Davis Robert R. Davis 12/12/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235 PHONE NO. 510 246-8700

CONTAINERS: No. 204356 (1) VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 Waste Description: Soil with Petroleum Hydrocarbons Generating Process: Service Station Site Clean-up

COMPONENTS OF WASTE			PPM	%	COMPONENTS OF WASTE			PPM	%
1.	Soil			99.9	5.				
2.	Petroleum Hydrocarbons	<1000	<.01		6.				
3.					7.				
4.					8.				

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO *[Signature]* 12/12/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
 CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12-12-91

PHONE NO. 510 634-6850
 TRUCK UNIT I.D. NO. 204356 US John Wheeler *[Signature]* 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000648117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 93239
 PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF NONE	

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 EPA I.D. NO. CAL000028841
 PHONE NO. 510, 246-8700

CONTAINERS: No. 204 367 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. Soil		99.9	5. _____		
2. Petroleum Hydrocarbons	<1000	<.01	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Greg D. Demarzo 12/12/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
Byron, California 94514
 CITY, STATE, ZIP _____
 PHONE NO. (510) 634-6850
 EPA I.D. NO. CAD981692809
 SERVICE ORDER NO. 2/61
 PICK UP DATE _____
 TRUCK UNIT, I.D. NO. 1
John A. Wheeler 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
Kettleman City, California 93239
 CITY, STATE, ZIP _____
 PHONE NO. 800 222-2964
 EPA I.D. NO. CAT000646117
 DISPOSAL METHOD LANDFILL OTHER _____
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CO	HWDF	NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 204355 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GRFF DEMARZO Greg D. Demarzo 12/12/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
Byron, California 94514

CITY, STATE, ZIP _____ PICKUP DATE 12-12-91

PHONE NO. (510) 634-6850
 TRUCK UNIT I.D. NO. 43 Greg Reed, Jr. 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
Kettleman City, California 93239

CITY, STATE, ZIP _____ PHONE NO. 800 222-2964

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 EPA I.D. NO. CAL000028841
 PHONE NO. 510, 246-8700

CONTAINERS: No. 206504 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

CESE DEMARZO - Aug. P. 10/12/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
Byron, California 94514
 CITY, STATE, ZIP _____ PICK UP DATE _____

PHONE NO. 510, 634-6850
 TRUCK UNIT, I.D. NO. G-2A Willy West 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
Kettleman City, California 93239
 CITY, STATE, ZIP _____

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.

ADDRESS P. O. Box 4415

EPA I.D. NO. CAL000028841

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland
Station #7-0235

PHONE NO. 510, 246-8700

CONTAINERS: No. 2 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Eng. R. Mays 12/12/91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.

EPA I.D. NO. CAD981692809

ADDRESS P. O. Box 218
Byron, California 94514

SERVICE ORDER NO. 2/61

CITY, STATE, ZIP _____

PICK UP DATE 12-12-91

PHONE NO. 510, 634-6850

TRUCK, UNIT. I.D. NO. 5-5A

TONY FLORES By R. Mays 12-12-91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.

EPA I.D. NO. CAT000646117

ADDRESS 35251 Old Skyline Blvd.
Kettleman City, California 93239

DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP _____

PHONE NO. 800 222-2964

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF NONE	

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77910-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 EPA I.D. NO. CAL000028841
 PHONE NO. 510, 246-8700

CONTAINERS: No. 201405 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

CORPE DEMARZO J. P. M. 12/12/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME ~~Billard Trucking, Inc.~~ Hayter Trucking EPA I.D. NO. CAL0001602800
 ADDRESS ~~P. O. Box 218~~ P.O. Box 416 SERVICE ORDER NO. 2/61
 CITY, STATE, ZIP ~~Byron California 04514~~ Taft, California 93268 PICK UP DATE 12-12-91

PHONE NO. (510) 634-6850
 TRUCK UNIT I.D. NO. J67 Rudy E. Guerrero Rudy E. J. DATE 12-12-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000648117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.

ADDRESS P. O. Box 4415

EPA I.D. NO.

CAL000028841

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235

PHONE NO. 510, 246-8700

CONTAINERS: No. _____ VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

Soil with Petroleum Hydrocarbons

Service Station Site Clean-up

WASTE DESCRIPTION			GENERATING PROCESS		
COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

C. P. G. DEMARZO
TYPED OR PRINTED FULL NAME & SIGNATURE

12/12/91
DATE

TRANSPORTER

NAME Dillard Trucking Inc.

EPA I.D. NO.

CAD981692809

ADDRESS HAYTER TRUCKING

P. O. Box 218-416

SERVICE ORDER NO. 2/61

CITY, STATE, ZIP Byron, California 94514

TAFT 93265

PICK UP DATE 12-12-91

PHONE NO. (805) 768-4364
510, 634-6850

TRUCK, UNIT, I.D. NO. 369

John Yarbrough
TYPED OR PRINTED FULL NAME & SIGNATURE

12-12-91
DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.

EPA I.D. NO.

CAT000646117

ADDRESS 35251 Old Skyline Blvd.

DISPOSAL METHOD

LANDFILL OTHER _____

CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 213 990 VOLUME 18 Yards WEIGHT 18 yds

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

ALLEN RAY DUTRA TYPED OR PRINTED FULL NAME & SIGNATURE DATE 12/16/91

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/81
Byron, California 94514
 CITY, STATE, ZIP _____ PICK UP DATE _____

PHONE NO. 510, 634-6850
 TRUCK, UNIT, I.D. NO. 73 Allen Ray Dutra TYPED OR PRINTED FULL NAME & SIGNATURE DATE 12-12-91

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
Kettleman City, California 93239
 CITY, STATE, ZIP _____

PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415 EPA I.D. NO. CAL000028841

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph Station #7-0235 Oakland
 PHONE NO. 510 246-8700

CONTAINERS: No. 203183 203184 2 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
Soil with Petroleum Hydrocarbons Service Station Site Clean-up

WASTE DESCRIPTION			GENERATING PROCESS		
COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

DAVE BARBA TYPED OR PRINTED FULL NAME & SIGNATURE 12/12/91 DATE

TRANSPORTER

NAME Dillard Trucking Inc. BARBA TRUCKING EPA I.D. NO. CAD982602009
251170015

ADDRESS P.O. Box 218 3580 AMARGON SERVICE ORDER NO. 2/61
Byron California 94514

CITY, STATE, ZIP AMASCUEVO, CA, 93422 PICK UP DATE _____

PHONE NO. 510, 634-6850 DAVE BARBA Dave Barba 12-12-91

TRUCK UNIT, I.D. NO. _____ TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117

ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964

 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY _____

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.

ADDRESS P. O. Box 4415

EPA ID. NO. CAL000028841

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station #7-0235

PHONE NO. 510, 246-8700

CONTAINERS: No. 206346 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			GENERATING PROCESS		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

ORFQ DEMARZO [Signature] 12/12/91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. DWIGHT TRUCKING

EPA ID. NO. CAD980692809

ADDRESS P. O. Box 218 34737 PATROL RD

SERVICE ORDER NO. 2/61

CITY, STATE, ZIP Byron, California 94511 BAKERFIELD CA 93308

PICK UP DATE 12-12-91

PHONE NO. (510) 634-0050 (805) 399-1825

[Signature] 12-12-91
DATE

TRUCK UNIT, I.D. NO. DD21 [Signature]
TYPED OR PRINTED FULL NAME & SIGNATURE

TSD FACILITY

NAME Chemical Waste Management, Inc.

EPA ID. NO. CAT000646117

ADDRESS 35251 Old Skyline Blvd.

DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP Kettleman City, California 93239

PHONE NO. 800 222-2964

TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 206337 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 048

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

ROBERT DEANAN 12/13/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAL0002692809
 ADDRESS P. O. Box 218 / 34733 PETROL RD SERVICE ORDER NO. 2/61
 CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12/12/91
 PHONE NO. (510) 634-6850
 TRUCK, UNIT, I.D. NO. 19 RONALD E. DEANAN 12/12/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT0000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 93239
 PHONE NO. 800 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.

ADDRESS P. O. Box 4415 EPA ID. NO. CAL000028841

CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station #7-0235 PHONE NO. 510, 246-8700

CONTAINERS: No. 205022 VOLUME 18 Yards WEIGHT 23 T

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER

HANDLING INSTRUCTIONS CLASS II Profile #SFO-K50194 WO# 048044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

ARFE DEMARZO TYPED OR PRINTED FULL NAME & SIGNATURE DATE 12/20/91

TRANSPORTER

NAME Dillard Trucking, Inc. EPA ID. NO. CAD981692809

ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61

CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12/20/91

PHONE NO. (510) 634-6850

TRUCK UNIT ID. NO. 39, 10 Mark L. Turner TYPED OR PRINTED FULL NAME & SIGNATURE DATE 12/20/91

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA ID. NO. CAT0000646117

ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER

CITY, STATE, ZIP Kettleman City, California 93239 3/13/91

PHONE NO. 800 222-2964

William Century TYPED OR PRINTED FULL NAME & SIGNATURE DATE 12-20-91

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF NONE	

975 4671054 11086165 61 6909

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415
 EPA ID. NO. CAL000028841
 PHONE NO. 510 246-8700
 *Site: 2225 Telegraph, Station #7-0235 Oakland

CONTAINERS: No. 205126 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
Soil with Petroleum Hydrocarbons Service Station Site Clean-up

WASTE DESCRIPTION			GENERATING PROCESS		
COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
<u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
2. _____			7. _____		
3. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

[Signature]
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE 12/11/91

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
 CITY, STATE, ZIP Byron, California 94514
 PHONE NO. 510, 634-6850
 EPA ID. NO. CAD981692809
 SERVICE ORDER NO. 2/61
 PICK UP DATE 12-20-91
 TRUCK, UNIT, I.D. NO. 975
Rich Nymmi Richard Warren 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 PHONE NO. 800 222-2964
 EPA ID. NO. CAT000646117
 DISPOSAL METHOD LANDFILL OTHER _____
35/B.19
[Signature] 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	

DISCREPANCY _____

11/648

6916917

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 EPA I.D. NO. CAL000028841
 PHONE NO. 510, 246-8700

CONTAINERS: No. 206037 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			PPM	%	COMPONENTS OF WASTE			PPM	%
1	Soil			99.9	5				
2	Petroleum Hydrocarbons	<1000	<.01		6				
3					7				
4					8				

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO R50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Greg D. Marzo 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
 CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12/20/91

PHONE NO. (510) 634-6850
 TRUCK UNIT, I.D. NO. 1648 Douglas Stephen Douglas Stephen 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 93239 3/13/19

PHONE NO. 800 222-2964
William Bentley 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF	NONE

DISCREPANCY

6917

11/17/93

DILLARD #93

916918

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA I.D. NO. CAL000028841
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0236 PHONE NO. 510, 246-8700

CONTAINERS: No. 206032 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE		PPM	%	COMPONENTS OF WASTE		PPM	%
1.	Soil		99.9	5.			
2.	Petroleum Hydrocarbons	<1000	<.01	6.			
3.				7.			
4.				8.			

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARCO *Greg DeMingo* 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc. EPA I.D. NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 2/61
 CITY, STATE, ZIP Byron, California 94514 PICK UP DATE 12-20-91
 PHONE NO. (510) 634-6850
 TRUCK UNIT, I.D. NO. 93-160 TEO Brossky 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA I.D. NO. CAT000646117
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 98239 3C/B-19
 PHONE NO. 800 222-2964
William Crutcher 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD		HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME **Exxon Company U.S.A.**

ADDRESS **P. O. Box 4415**

EPA ID. NO. **CAL000028841**

CITY, STATE, ZIP **Houston, Texas 77310-4415** Site: **2225 Telegraph, Oakland Station #7-0235**

PHONE NO. **510, 246-8700**

CONTAINERS: No. **206035** VOLUME **18 Yards** WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION **Soil with Petroleum Hydrocarbons** GENERATING PROCESS **Service Station Site Clean-up**

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1	Soil		99.9		
2	Petroleum Hydrocarbons	<1000	<.01		
3					
4					
5					
6					
7					
8					

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: **CLASS II** Profile #SFO K50194 W0# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARTO *Greg DeMarto* 12/20/91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME **Dillard Trucking, Inc.**

ADDRESS **P. O. Box 218**

EPA ID. NO. **CAD981692809**

CITY, STATE, ZIP **Byron, California 94514**

SERVICE ORDER NO. **2/61**

PHONE NO. **510 634-6850**

PICK UP DATE **12-20-91**

TRUCK, UNIT, I.D. NO. **86**

Kenneth R. Renner *Kenneth Renner* 12-20-91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME **Chemical Waste Management, Inc.**

ADDRESS **35251 Old Skyline Blvd.**

EPA ID. NO. **CAT000646117**

CITY, STATE, ZIP **Kettleman City, California 93239**

DISPOSAL METHOD LANDFILL OTHER _____

PHONE NO. _____

William C. Gentry *William C. Gentry* 12-20-91
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CO	HWDF NONE	

DISCREPANCY

245803-05

2MM-18898 SE
 055-18898 SE
 055-18898 SE
 6921

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland
 Station # 7-0235 PHONE NO. 510, 246-8700

EPA I.D. NO. GA40000281841

CONTAINERS: No. 206041 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			PPM	%	COMPONENTS OF WASTE			PPM	%
1	Soil			99.9	5				
2	Petroleum Hydrocarbons	<1000	<.01		6				
3					7				
4					8				

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO *Greg DeMarzo* 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
 CITY, STATE, ZIP Byron, California 94514
 PHONE NO. (510) 634-6850
 SERVICE ORDER NO. 2/61
 PICK UP DATE 12-20-91

EPA I.D. NO. CAD981892809

TRUCK UNIT I.D. NO. MM3 Mark Mancuso 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 PHONE NO. 800 222-2964
 DISPOSAL METHOD LANDFILL OTHER _____
3/3-19

EPA I.D. NO. CA1000646117

Robert Gentry 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF	NONE

DISCREPANCY

BP 81920
DT 9/13

1916922

NON-HAZARDOUS WASTE DATA FORM

NAME: Exxon Company, U.S.A.
 ADDRESS: P.O. Box 4415, Houston, Texas 77310-4415
 EPA ID. NO.: CA100000120000
 CITY, STATE, ZIP: Houston, Texas 77310-4415
 Site: 2225 Telegraph Station #7-0235
 PHONE NO.: 510,246-8700

TO BE COMPLETED BY GENERATOR

CONTAINERS: No. _____ VOLUME: 18 Yards WEIGHT: _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION: Soil with Petroleum Hydrocarbons
 GENERATING PROCESS: Service Station Site Clean-up

COMPONENTS OF WASTE	PPM	COMPONENTS OF WASTE	PPM
Soil	99.0		
Petroleum Hydrocarbons	<1000	<.01	

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO *Greg Demarzo* 12/30/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: Dillard Trucking, Inc.
 ADDRESS: P.O. Box 218, Byron, California 04514
 CITY, STATE, ZIP: TAFT CA 93267
 PHONE NO.: 510-834-6860
 EPA ID. NO.: CA100000120000
 SERVICE ORDER NO.: 2161
 PICK UP DATE: 12-30-91
 TRUCK UNIT ID. NO.: 8774572E
 CALVIN ENEAL *Calvin Eneal* 12-30-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: Chemical Waste Management, Inc.
 ADDRESS: 35251 Old Skyline Blvd., Kettleman City, California 93230
 CITY, STATE, ZIP: Kettleman City, California 93230
 PHONE NO.: 800-222-2984
 EPA ID. NO.: CA10000067461175
 DISPOSAL METHOD: LANDFILL OTHER _____
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE: *David Cray* 12-30-91

GEN. CODE: 1000	OLD/NEW: 1000	UNIT: LBS/A	TONS: _____
TRANS. CODE: 1000	UNIT: LBS/B	HWDF: NONE	DISCREPANCY: _____
C/O: 1000	UNIT: LBS/C	HWDF: NONE	DISCREPANCY: _____

NON-HAZARDOUS WASTE DATA FORM

576 6923

TO BE COMPLETED BY GENERATOR

NAME: Exxon Company U.S.A.
 ADDRESS: P.O. Box 4418
 CITY, STATE, ZIP: Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station #7-0235
 EPA ID. NO.: CA10000026841
 PHONE NO.: 510-246-8700

CONTAINERS: No. _____ VOLUME: 18 Yards WEIGHT: _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER
 WASTE DESCRIPTION: Soil with Petroleum Hydrocarbons

COMPONENTS OF WASTE	PPM	GENERATING PROCESS
<u>Soil</u>	<u>99.0</u>	<u>Service Station Site Clean-up</u>
<u>Petroleum Hydrocarbons</u>	<u><1000</u>	
	<u><.01</u>	

PROPERTIES: SOLID LIQUID SLUDGE SLURRY OTHER
 HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 W# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.
 TYPED OR PRINTED FULL NAME & SIGNATURE: GREG DEMARZO Greg Demarzo DATE: 12/20/91

TRANSPORTER

NAME: Dillard Trucking, Inc.
 ADDRESS: P.O. Box 210
 CITY, STATE, ZIP: Byron, California 94514
 PHONE NO.: 510-634-8850
 EPA ID. NO.: CA001802800
 SERVICE ORDER NO.: CA10000026841
 PICK UP DATE: 12-20-91
 TRUCK UNIT I.D. NO.: 376
 TYPED OR PRINTED FULL NAME & SIGNATURE: Charlie Jones Charlie Jones DATE: 12-20-91

TSD FACILITY

NAME: Chemical Waste Management, Inc.
 ADDRESS: 35251 Old Skyline Blvd.
 CITY, STATE, ZIP: Kettleman City, California 93239
 PHONE NO.: 800-222-2964
 EPA ID. NO.: CA10000026841
 DISPOSAL METHOD: LANDFILL OTHER
 TYPED OR PRINTED FULL NAME & SIGNATURE: Raymond Casby DATE: 12-20-91

GEN	OLD/NEW	SL	TONS
TRANS		IS	
C/O		RI/CO	HWDF NONE

DISCREPANCY

215007-11

NON-HAZARDOUS WASTE DATA FORM

369

6924

TO BE COMPLETED BY GENERATOR

NAME: Exxon Company U.S.A.
 ADDRESS: P.O. Box 4415
 CITY, STATE, ZIP: Houston, Texas 77310-4415
 Site: 2225 Telegraph, Oakland Station #7-0235
 PHONE NO: 510-246-8700
 EPA ID NO: CA L 0 0 0 0 2 8 7 4 1
 CONTAINERS: No. _____ VOLUME: 18 Yards WEIGHT: _____
 TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER
 WASTE DESCRIPTION: Soil with Petroleum Hydrocarbons
 GENERATING PROCESS: Service Station Site Clean-up

COMPONENTS OF WASTE	PPM	COMPONENTS OF WASTE	PPM
1. Soil	99.9		
2. Petroleum Hydrocarbons	<1000	<.01	
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			

 PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____
 HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 044
 The GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.
 TYPED OR PRINTED FULL NAME & SIGNATURE: GREG DEMARCO *Greg Demarco*
 DATE: 12/20/91

TRANSPORTER

NAME: HAYCO Dillard Trucking, Inc.
 ADDRESS: P.O. Box 416
 CITY, STATE, ZIP: Byron, California 94514
 PHONE NO: (805) 768-4364
 TRUCK ID NO: 369
 EPA ID NO: CA D 9 0 1 0 9 2 0 0 9
 SERVICE ORDER NO: 2/61
 PICK UP DATE: 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE: John Yarbrough *John Yarbrough*
 DATE: 12-20-91

TSD FACILITY

NAME: Chemical Waste Management, Inc.
 ADDRESS: 35251 Old Skyline Blvd.
 CITY, STATE, ZIP: Kettleman City, California 93239
 PHONE NO: 800 222-2064
 EPA ID NO: CA T 0 0 0 0 4 0 1 1 7
 DISPOSAL METHOD: LANDFILL OTHER
 TYPED OR PRINTED FULL NAME & SIGNATURE: *William County*
 DATE: 12-20-91

GEN	OLD/NEW	LWZ/A	TONS
TRANS		S/C/B	
C/O		RT/CD	HWDF NONE

DISCREPANCY

245601-12

NON-HAZARDOUS WASTE DATA FORM

6925

TO BE COMPLETED BY GENERATOR

NAME: Exxon Company U.S.A.

ADDRESS: P.O. Box 4415

CITY, STATE, ZIP: Houston, Texas 77310-4415

EPA I.D. NO.: CA L 0 0 0 0 2 0 8 4 1

Site: 2225 Telegraph Station #7-0235 Oakland

PHONE NO.: 510-246-8700

CONTAINERS: No. _____ VOLUME: 18 Yards WEIGHT: _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER

WASTE DESCRIPTION: Soil with Petroleum Hydrocarbons

GENERATING PROCESS: Service Station Site Clean-up

COMPONENTS OF WASTE	PPM	COMPONENTS OF WASTE	PPM
<u>Soil</u>	<u>99.9</u>		
<u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER

HANDLING INSTRUCTIONS: CLASS: II Profile #SFO K50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

TYPED OR PRINTED FULL NAME & SIGNATURE: GREG DEMARCO *Greg Demarco* DATE: 12/20/91

TRANSPORTER

NAME: Billard Trucking Inc

ADDRESS: P.O. Box 410

CITY, STATE, ZIP: Byron California 94514

EPA I.D. NO.: CA D 0 0 0 0 2 0 0 0

PHONE NO.: (905) 768-4366

TRUCK UNIT, I.D. NO.: 567

SERVICE ORDER NO.: 2/63

PICK UP DATE: 12-20-91

TYPED OR PRINTED FULL NAME & SIGNATURE: Rud E. A. Guereiro *Rud E. A. Guereiro* DATE: 12-20-91

TSD FACILITY

NAME: Chemical Waste Management, Inc.

ADDRESS: 35251 Old Skyline Blvd.

CITY, STATE, ZIP: Kettleman City, California 93239

EPA I.D. NO.: CA T 0 0 0 0 1 4 0 1 1 7

PHONE NO.: 800-222-2964

DISPOSAL METHOD: LANDFILL OTHER

TYPED OR PRINTED FULL NAME & SIGNATURE: William Centy *William Centy* DATE: 12-20-91

GEN	OLD/NEW	EX/LS/A	TONS
TRANS		HS/BE	
Q/O		RI/CO/MSK	HWDF NONE

DISCREPANCY: _____

NON-HAZARDOUS WASTE DATA FORM

16926

TO BE COMPLETED BY GENERATOR

NAME: Exxon Company U.S.A.
 ADDRESS: P.O. Box 4415
 CITY, STATE, ZIP: Houston, Texas 77310-4415
 Site: 2225 Telegraph, Oakland Station #7-0235
 EPA I.D. NO.: CA 1000002894
 PHONE NO.: 510-248-8700
 CONTAINERS: No. _____ VOLUME: 18-Yards WEIGHT: _____
 TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER
 WASTE DESCRIPTION: Soil with Petroleum Hydrocarbons
 GENERATING PROCESS: Service Station Site Clean-up

COMPONENTS OF WASTE	PPM	COMPONENTS OF WASTE	PPM
Soil	90.0		
Petroleum Hydrocarbons	<1000		<.01

 PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER
 HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 NO# 044
 THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS
 TYPED OR PRINTED FULL NAME & SIGNATURE: GREG DENNETTO
 DATE: 12/20/91

TRANSPORTER

NAME: Dillard Trucking, Inc.
 ADDRESS: P.O. Box 218
 CITY, STATE, ZIP: Byron, California 94514
 EPA I.D. NO.: CA 0001000009
 PHONE NO.: 805-768-4366
 TRUCK UNIT I.D. NO.: 375
 TYPED OR PRINTED FULL NAME & SIGNATURE: KEN Hostetler
 DATE: 12-20-91

TSD FACILITY

NAME: Chemical Waste Management, Inc.
 ADDRESS: 35261 Old Skyline Blvd.
 CITY, STATE, ZIP: Kettleman City, California 93230
 EPA I.D. NO.: CA 100000100177
 PHONE NO.: 800-222-2064
 TYPED OR PRINTED FULL NAME & SIGNATURE: [Signature]
 DATE: 3/18/92
 DISPOSAL METHOD: LANDFILL OTHER

GEN	OLD/NEW	CLASS	TONS
TRANS			
C/O			

DISCREPANCY

45805-08

NON-HAZARDOUS WASTE DATA FORM

176927

TO BE COMPLETED BY GENERATOR

NAME: Exxon Company U.S.A.
 ADDRESS: P.O. Box 4415
 CITY, STATE, ZIP: Houston, Texas 77310-4415
 Site: 2225 Telegraph, Oakland Station #7-0235
 EPA I.D. NO.: CAL00000288451
 PHONE NO.: 510/246-8700

VOLUME: 18 Yards

CONTAINERS: No. _____ WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER

WASTE DESCRIPTION: Soil with Petroleum Hydrocarbons
 GENERATING PROCESS: Service Station Site Clean-up

COMPONENTS OF WASTE	PPM	COMPONENTS OF WASTE	PPM
Soil	99.9		
Petroleum Hydrocarbons	<1000		<.01

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50184 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG OFMARTO *Greg Of Marto* 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: Dillard Trucking, Inc.
 ADDRESS: P.O. Box 218
 CITY, STATE, ZIP: Byron, California 94514
 PHONE NO.: 805-768-4366
 EPA I.D. NO.: CA D 000 000 000
 SERVICE ORDER NO.: 210
 PICK UP DATE: 12-20-91

TRUCK UNIT I.D. NO.: 378-374-E
 Charles L. Beck *Charles L. Beck*
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: Chemical Waste Management, Inc.
 ADDRESS: 35251 Old Skyline Blvd.
 CITY, STATE, ZIP: Kettleman City, California 93239
 PHONE NO.: 800-222-2964
 EPA I.D. NO.: CAT 00061461117
 DISPOSAL METHOD: LANDFILL OTHER
 PICK UP DATE: 3/18/92

William Country 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN. CODE	OLD/NEW	W.L. A	TONS
TRANS. CODE		S B E	
C/O		R/C/D	HWDF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME: Exxon Company - U.S.A.
 ADDRESS: P. O. Box 4415
 CITY, STATE, ZIP: Houston, Texas 77310-4415
 Site: 2225 Telegraph, Oakland Station #7-0235
 PHONE NO: 510-246-8700
 EPA I.D. NO: CAL000028841

CONTAINERS: No. _____ VOLUME: 18 Yards WEIGHT: _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER

WASTE DESCRIPTION: Soil with Petroleum Hydrocarbons
 GENERATING PROCESS: Service Station Site Clean-up

COMPONENTS OF WASTE	PPM	COMPONENTS OF WASTE	PPM
Soil	99.9		
Petroleum Hydrocarbons	<1000	<.01	

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

TYPED OR PRINTED FULL NAME & SIGNATURE: GREG DEMARZO *Greg Demarzo* DATE: 12/21/91

TRANSPORTER

NAME: Dillard Trucking, Inc.
 ADDRESS: P.O. Box 218
 CITY, STATE, ZIP: Byron, California 94514
 PHONE NO: (916) 768-4366
 EPA I.D. NO: CAD98150228000
 SERVICE ORDER NO: 2/01
 PICK UP DATE: 12-20-91

TYPED OR PRINTED FULL NAME & SIGNATURE: James Rogers James Rogers DATE: 12-20-91

TSD FACILITY

NAME: Chemical Waste Management, Inc.
 ADDRESS: 35251 Old Skyline Blvd.
 CITY, STATE, ZIP: Kettleman City, California 93239
 PHONE NO: 800-222-2964
 EPA I.D. NO: CAT0000640117
 DISPOSAL METHOD: LANDFILL OTHER

TYPED OR PRINTED FULL NAME & SIGNATURE: *William Carter* DATE: 12-20-91

GEN. TRANS. CONT.	OLD/NEW	LINE A	TONS
TRANS. CONT.		LINE B	
CO. TRANS. CONT.		LINE C	HWOF NONE

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

092

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77319-4415 Site: 2225 Telegraph Station #7-0235 Oakland
 EPA ID. NO. GA1000029841
 PHONE NO. 510, 246-8700

CONTAINERS: No _____ VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	
1. <u>Soil</u>		<u>99.0</u>	5		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6		
3. _____			7		
4. _____			8		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K3019-1 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

C. P. F. G. DEMARZO [Signature] 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Billard Trucking, Inc.
 ADDRESS P. O. Box 212
 CITY, STATE, ZIP Byron, California 94514
 PHONE NO. (510) 634 6350
 TRUCK UNIT, ID. NO. 200581
 EPA ID. NO. CAD981692809
 SERVICE ORDER NO. 2/61
 PICK UP DATE _____
[Signature] 12/24/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 PHONE NO. 800 222-2964
 EPA ID. NO. GAT000846117
 DISPOSAL METHOD LANDFILL OTHER _____
[Signature] 12-21-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

10
 21705 TO
 6932

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland
 Station # 7-0235 PHONE NO. 510, 246-8700

EPA I.D. NO. GA40000281841

CONTAINERS: No. 203397 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE		PPM	%	COMPONENTS OF WASTE		PPM	%
1. <u>Soil</u>			<u>99.9</u>	5. _____			
2. <u>Petroleum Hydrocarbons</u>		<u><1000</u>	<u><.01</u>	6. _____			
3. _____				7. _____			
4. _____				8. _____			

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

CRICK DEMARCO Aug D. Mayo 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Diillard Trucking, Inc.
MINETT + SON
 ADDRESS P. O. Box 218
Box 1609
Byron, California 94514
 CITY, STATE, ZIP Bucaram CA 93427
 PHONE NO. 510-634-6850
805-6834385
 TRUCK UNIT I.D. NO. 70
 SERVICE ORDER NO. 2/61
 PICK UP DATE 12-20-91
Peter Minett 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

EPA I.D. NO. CAD981692809

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 PHONE NO. 800 222-2964
3/8/91
Walter Gentry 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

EPA I.D. NO. GAT0000646117

DISPOSAL METHOD LANDFILL OTHER _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CO	HWDF NONE	

DISCREPANCY _____

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland
 PHONE NO. 510, 246-8700

EPA I.D. NO. CAL000028841

CONTAINERS: No. 206036 VOLUME 18 Yards WEIGHT 23T

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE		PPM	COMPONENTS OF WASTE		PPM
1. <u>Soil</u>		<u>99.9</u>	5. _____		
2. <u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
3. _____			7. _____		
4. _____			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 044 145

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Greg DeMarzo 12/30/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
Byron, California 94514
 CITY, STATE, ZIP _____
 PHONE NO. (510) 634-6850
 TRUCK UNIT, I.D. NO. #59024

EPA I.D. NO. CAD981692809

SERVICE ORDER NO. 2/61
 PICK UP DATE _____

Charles McGehee Charles McGehee 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
Kettleman City, California 93239
 CITY, STATE, ZIP _____
 PHONE NO. 800 222-2964

EPA I.D. NO. CAT000646117

DISPOSAL METHOD LANDFILL OTHER _____

W. Lynn Crutcher W. Lynn Crutcher 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	

DO-21

6934

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235
 EPA ID. NO. CAL000028841
 PHONE NO. 510, 246-8700

CONTAINERS: No. 206346 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE		PPM	COMPONENTS OF WASTE		PPM
1	Soil	99.0	5		
2	Petroleum Hydrocarbons	<1000	6		
3		<.01	7		
4			8		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K80104 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG AEMAN Greg A. Emman 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 248
 CITY, STATE, ZIP Duran, California 94514
 EPA ID. NO. CAD088800000
 PHONE NO. 510-332-0880 (865) 359-1877
 SERVICE ORDER NO. 2/61
 PICK UP DATE 12-20-91

TRUCK, UNIT, ID. NO. DO-21 CURTIS BREWSTER Curtis Brewster 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 EPA ID. NO. CAT000848117
 PHONE NO. 800 222-2064
 DISPOSAL METHOD LANDFILL OTHER _____
William Country 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	1000
TRANS		S	B	
C/O		HT/CD	HW/IF	NONE

DISCREPANCY

412 315 04

NON-HAZARDOUS WASTE DATA FORM

198 11 6935

TO BE COMPLETED BY GENERATOR

NAME: Exxon Company-U.S.A. EPA I.D. NO.: QAL00001288441
 ADDRESS: P.O. Box 4415 Site: 2225 Telegraph, Oakland
 CITY, STATE, ZIP: Houston Texas 77310-4415 Station #7-0235 PHONE NO.: 510-248-8700

CONTAINERS: No. 205/27 VOLUME: 18 Yards WEIGHT: 4500 lbs

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER

WASTE DESCRIPTION: Soil with Petroleum Hydrocarbons GENERATING PROCESS: Service Station Site Clean-up

COMPONENTS OF WASTE	PPM	5	6	7	8
Soil	99.8				
Petroleum Hydrocarbons	<1000 <.01				

PROPERTIES: GASEOUS SOLID LIQUID SLUDGE SLURRY OTHER

HANDLING INSTRUCTIONS: CLASS: II Profile #SFO K50194 NO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

GREG DEMARZO *Greg DeMazio 12/20/91*
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME: Dillard Trucking, Inc. EPA I.D. NO.: CA D 985100230192
 ADDRESS: P.O. Box 218
 CITY, STATE, ZIP: Byron, California 94514
 PHONE NO.: 510-634-6850
 TRUCK UNIT I.D. NO.: 370
 SERVICE ORDER NO.: 12/01
 PICK UP DATE:
 Walter Moughler *Walter Moughler 12/20/91*
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME: Chemical Waste Management, Inc. EPA I.D. NO.: CAT 0016481178
 ADDRESS: 35251 Old Skyline Blvd.
 CITY, STATE, ZIP: Kettleman City, California 93230
 PHONE NO.: 800-222-2964
 DISPOSAL METHOD: LANDFILL OTHER
Walter Moughler 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN. PRODUCTION	OLD/NEW	OR LKMS: A	TONS
TRANS. METHOD		OR S: B	
C/O		HT/CO	HWDF NONE

DISCREPANCY

8548258
 0555831
 05550
 8936

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A. EPA ID NO. 944000028811
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station # 7-0235 PHONE NO. 510, 236-8700

CONTAINERS: No. 204601 204800 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
 WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			PPM	%	COMPONENTS OF WASTE			PPM
1	Soil			99.9	5			
2	Petroleum Hydrocarbons		<1000	<.01	6			
3					7			
4					8			

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile # SFO K50194 ~~044~~ W0-016

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Greg D. Marzo 12/24/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Billard Trucking, Inc. EPA ID NO. CAD981692809
 ADDRESS P. O. Box 218 SERVICE ORDER NO. 261
 CITY, STATE, ZIP Byron, California 94514 PICK UP DATE _____

PHONE NO. (510) 634-6850
 TRUCK, UNIT, I.D. NO. 87-7 87A Bruce Whitten 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc. EPA ID NO. 9440000616107
 ADDRESS 35251 Old Skyline Blvd. DISPOSAL METHOD LANDFILL OTHER _____
 CITY, STATE, ZIP Kettleman City, California 98209 3/8/9

PHONE NO. 509 222-2964
 TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/D		RT/CD	HWDF NONE	

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph, Oakland Station: #7-0235
 PHONE NO. 510, 246-8700

EPA ID. NO. 944000028841

CONTAINERS: No. 205792-205793 VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons GENERATING PROCESS Service Station Site Clean-up

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
	PPM	%		PPM	%
1	Soil		5		
		99.9			
2	Petroleum Hydrocarbons	<1000	6		
		<.01			
3			7		
4			8		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50194 WO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG DEMARZO Greg DeMarzo 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 218
 CITY, STATE, ZIP Byron, California 94514
 PHONE NO. 510, 634-6850
 TRUCK UNIT I.D. NO. TK-1

EPA ID. NO. CAD981692809
 SERVICE ORDER NO. 261
 PICK UP DATE 12-20-91

R. Thomas Kinney 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
 CITY, STATE, ZIP Kettleman City, California 93239
 PHONE NO. 800 222-2964

EPA ID. NO. CA1000648117
 DISPOSAL METHOD LANDFILL OTHER _____

R. [Signature]
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CO		HWDF NONE

DISCREPANCY _____

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77010-4415 Site: 2225 Telegraph, Station #7-0235 Oakland
 EPA ID. NO. CAL000028841
 PHONE NO. 510 246-8700

CONTAINERS: No. _____ VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____
Soil with Petroleum Hydrocarbons

WASTE DESCRIPTION Service Station Site Clean-up

COMPONENTS OF WASTE			GENERATING PROCESS		
	PPM	%		PPM	%
1. <u>Soil</u>		<u>99.9</u>	5. _____		
<u>Petroleum Hydrocarbons</u>	<u><1000</u>	<u><.01</u>	6. _____		
2. _____			7. _____		
3. _____			8. _____		
4. _____					

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS II Profile #SFO K50191 KU# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

GREG NEMATO Greg Nemo 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Dillard Trucking, Inc.
 ADDRESS P. O. Box 213
4407 Wilson City
Byron, California 94514
 CITY, STATE, ZIP Byron, CA
 EPA ID. NO. CAD981892809
 SERVICE ORDER NO. 2/61
 PHONE NO. (510) 634-6850
510 522-2675
 TRUCK, UNIT, I.D. NO. 206504
 PICK UP DATE 12-20-91
Tom Allene Tom Allene 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd. i
Kettleman City, California 93239
 CITY, STATE, ZIP _____
 EPA ID. NO. CAT000646117
 DISPOSAL METHOD LANDFILL OTHER _____
 PHONE NO. 800 222-2964
3/13/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF NONE	

DISCREPANCY

NON-HAZARDOUS WASTE DATA FORM

93

TO BE COMPLETED BY GENERATOR

NAME Exxon Company U.S.A.
 ADDRESS P. O. Box 4415
 CITY, STATE, ZIP Houston, Texas 77310-4415 Site: 2225 Telegraph Station #7-0235 Oakland
 EPA ID. NO. CAL000000041
 PHONE NO. 713-219-8700

CONTAINERS: No. _____ VOLUME 18 Yards WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION Soil with Petroleum Hydrocarbons Service Station Site - Clean-up

COMPONENTS OF WASTE		PPM	COMPONENTS OF WASTE		PPM
1. <u>Soil</u>			2. _____		
		<u>99.9</u>	3. _____		
2. <u>Petroleum Hydrocarbons</u>		<u><1000</u>	4. _____		
		<u><.01</u>	5. _____		
3. _____			6. _____		
4. _____			7. _____		
			8. _____		

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: CLASS 11 Profile #SFO R50194 NO# 044

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS

CARE DEMARZO Ray D. Mayo 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER

NAME Billard Trucking, Inc.
 ADDRESS P. O. Box 219
Byron, California 94514
 CITY, STATE, ZIP Byron, CA
 EPA ID. NO. CAD900000009
 SERVICE ORDER NO. _____
 PHONE NO. 510-634-6850
 PICK UP DATE 12-20-91

TRUCK UNIT ID. NO. 206503
James T. Williams 12-20-91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME Chemical Waste Management, Inc.
 ADDRESS 35251 Old Skyline Blvd.
Redland City, California 93239
 CITY, STATE, ZIP _____
 EPA ID. NO. CAT000000117
 DISPOSAL METHOD: LANDFILL OTHER _____
 PHONE NO. 800-222-2964
30/13/91

W. Howard Carter 12/20/91
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS	
TRANS		S	B		
CO		H/CB		IRWIF NONE	DISCREPANCY