MONTGOMERY WATSON

November 19, 1997

Data and Information Management Unit
Los Angeles Regional Water Quality Control Board
101 Centre Plaza Drive
Monterey Park, CA 91754-2156

Subject: Waste Discharge Monitoring Report
Boeing Realty Corporation C-6 Facility
Los Angeles, California
Your File No. 88-57-086(97)

Dear Sir or Madam:

On behalf of Boeing Realty Corporation, Montgomery Watson is submitting this Waste Discharge Report for the disposal of waste soil at the Bradley Landfill in Sun Valley, California. Pursuant to the Preliminary Waste Discharge Report filed with your Unit on October 20, 1997, this document includes a sworn declaration and description of the waste generation and characterization activities, in addition to further documentation of disposal at the Bradley Landfill.

Please call if you have any questions or require additional information.

Sincerely,

MONTGOMERY WATSON

M. Fred Strauss

M. Fred Strauss, R.G.
Principal Hydrogeologist

cc: M. Stavale, Boeing Realty Corporation
M. Young, Integrated Environmental Services, Inc.

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WASTE DISCHARGE
MONITORING REPORT NO. 1
RWQCB File No. 88-57-086(97)

PARCEL A
BOEING REALTY CORPORATION C-6 FACILITY
LOS ANGELES, CALIFORNIA

November 19, 1997

Prepared For:

BOEING REALTY CORPORATION
4060 Lakewood Boulevard, 6th Floor
Long Beach, California 90808

Prepared By:

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DECLARATION

I declare under penalty of perjury that the foregoing is true and correct.

Executed on the 22nd day of October, 1997 at Long Beach, California.

S. Mario Stavale
Project Manager
Boeing Realty Corporation
Los Angeles, California

BOE-C6-0025667

SECTION 1.0

INTRODUCTION

In October 1996, Montgomery Watson (Montgomery) was retained by McDonnell Douglas Realty Company (MDRC), now the Boeing Realty Corporation, to assist with the redevelopment of Parcel A (the Site) of their C-6 facility located at 19503 South Normandie Avenue, Los Angeles, California, 90502. Figure 1 presents the C-6 facility. Figure 2 delineates the Site. The Site was formerly used to manufacture and store aircraft parts.

1.1 OVERVIEW

The Site consists of the northernmost quarter of the C-6 facility, encompassing approximately 50 acres. Demolition of the following buildings at the Site has occurred: Building 29, 33, 34, 36, 37, 40, 41, 43/44, 45, 57, 58, 61, 66-A, and 67. Information gathered during the data compilation and evaluation phase of this project indicated the presence of petroleum products and other chemicals of concern in the surface and subsurface.

A soil sampling and remedial excavation effort is being conducted in conjunction with the removal of foundations, slabs, and below-ground structures. The purpose of this effort is to assess soil quality and remove soil affected with petroleum hydrocarbons and other chemicals of concern in preparation for redevelopment of the Site. Soil which is determined to be affected with petroleum hydrocarbons and other chemicals is excavated, stockpiled, sampled, and characterized at the Site.

Stockpiled soil is subjected to Site-specific soil screening criteria to determine if the soil is suitable for use as backfill at the Site. Soil which fails a criterion is further characterized for off-site disposition as either hazardous or non-hazardous waste.

Approximately 5,300 cubic yards of non-hazardous soil was stockpiled at the Site for off-site disposition. In a letter from the Regional Water Quality Control Board (RWQCB) to Integrated Environmental Services, Inc. dated September 24, 1997 (RWQCB, 1997), the soil was approved by the RWQCB for use as daily cover at the Bradley Landfill in Sun Valley, California (RWQCB File No. 88-57-086(97)). The soil was accepted for this purpose by Waste Management, Inc., operators of the Bradley Landfill.

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1.2 PURPOSE AND OBJECTIVE

This report is the first in a series of waste discharge monitoring reports documenting the off-site disposition of non-hazardous soil. The purpose and objective of this report is to: (1) document the soil sampling procedures used to characterize the excavated soil, and (2) document the transportation and disposition of the soil to Bradley Landfill in compliance with the September 24, 1997 letter from the RWQCB.

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SECTION 2.0

REMEDIAL EXCAVATION STOCKPILES

Stockpiled soil described in this Waste Discharge Monitoring Report was generated from remedial excavations described below. The maximum depth of any excavation was 12 feet below grade. This section summarizes the remedial excavations and their associated tracking nomenclature.

2.1 OPEN AREA NO. 1

Open Area No. 1 is located along the eastern portion of the Site, east of former Buildings 37 and 41 and extending to the Normandie Avenue property boundary. Open Area No. 1 is so designated because of its absence of structures, except for the Building 43/44 water tanks in the northeast corner. Open Area No. 1 formerly included the Gravel Yard, which was used for storage of miscellaneous materials and parts from the manufacturing operations of the facility. Historically, a railroad spur crossed Open Area No. 1 trending from south to north.

Building 41 was formerly used as a boiler house. Water tanks formerly located at Building 43/44 in the northeast corner of Open Area No. 1 were used to store diesel fuel oil which was pumped into Building 41 through buried product pipelines. These tanks were converted from diesel storage to water tanks (part of the C-6 facility's fire suppression system) approximately 25 years ago. The abandoned product lines leading from the tanks to Building 41 were discovered during the demolition process, and remedial excavations discussed in this report were conducted to remove primarily hydrocarbon-affected soil associated with releases from these product lines. Stockpiled soil discussed in this report was excavated east of Building 37 and 41 within Open Area No. 1 as presented in Figure 3.

Remedial excavations were designated numerically beginning with the number "1". A remedial excavation continued until approximately 2,500 cubic yards of soil was excavated and stockpiled. If additional soil required removal, the additional excavation was designated by the next sequential number. Excavated soil was placed in stockpiles each consisting of approximately 250 cubic yards of soil. Stockpiles were designated alphabetically from "A" through "J" using the following nomenclature:

Open Area No. (OA#) - Remedial Excavation - No.(RE - #) Stockpile Letter
e.g., OA1-RE-4 Stockpile E

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2.2 WATER LINE

A transite water line was used as part of the fire suppression system to deliver water to numerous buildings at the Site. The transite material contained asbestos and was excavated and properly disposed off-site. During removal of the transite water line, hydrocarbon-affected soil was discovered at two locations and was excavated and stockpiled. The locations of the remedial excavations are presented in Figure 3. The remedial excavations are summarized below.

Adjacent to Building 67

Hydrocarbon-affected soil along the water line adjacent to Building 67 was excavated and placed in a stockpile consisting of approximately 250 cubic yards of soil. The stockpile was designated alphabetically using the following nomenclature:

Water Line (WL) - Remedial Excavation - No.(RE - #) Stockpile Letter
WL-RE-1 Stockpile A

Adjacent to Building 36

Hydrocarbon-affected soil along the water line at Building 36 was excavated as part of the Building 36 remedial excavation activities, segregated, and placed on the end of stockpile "C". As such, this stockpiled soil was designated using the following nomenclature:

Building Number (B#) - Remedial Excavation - No.(RE - #) Stockpile Letter
B36-RE-1 Stockpile C "carve-out"

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SECTION 3.0

WASTE CHARACTERIZATION

Analytical data from stockpile grab samples was used to characterize the waste soil. Additionally, hot spot and confirmation sampling employed at the Site was used to supplement waste characterization decisions. Detailed procedures for these sampling activities are outlined in the *Sampling and Analysis Plan for Demolition Activities at the Douglas Aircraft Company C-6 Facility* (IESI, 1997(a)) prepared by Integrated Environmental Services, Inc. and previously submitted to the RWQCB. These procedures can be summarized as follows:

3.1 STOCKPILE SAMPLING

Excavated soil was placed in stockpiles each consisting of approximately 250 cubic yards of soil. Generally, stockpile samples were collected at a frequency of approximately one sample per 250 cubic yards of soil removed. Stockpile samples were collected from the most noticeably affected soil within the stockpile. Samples were collected by using a shovel to cut vertically into the side of a stockpile at each sample location to expose "fresh" soil; samples were then collected from the exposed vertical wall and headspace VOC concentrations were measured using a photoionization detector (PID).

Soil samples were collected for analysis in pre-cleaned, stainless steel sleeves by driving the sleeve into the soil with a rubber mallet or drive sampler. The ends of the sleeves were then covered with Teflon film and secured with plastic end caps. A unique sample identification using the following nomenclature was written in indelible ink on a sample label and attached to the sleeve.

Source Area - Remedial Excavation No.(RE#) - Stockpile Chronological Number (SP#)

e.g., OA1-RE4-SP3
Open Area No. 1 - Remedial Excavation No. 4 - Stockpile Sample No .3

Sample sleeves were placed in a cooler with blue ice and transported under chain-of-custody to a State-certified laboratory for analysis.

Stockpile samples have been analyzed according to the analytical schedule presented in Table 1.

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3.2 HOT SPOT SAMPLING

Hot spot sampling was conducted at predetermined locations where former items of concern were located (e.g., product lines), and at other locations where demolition activities revealed soil which may have been affected by petroleum hydrocarbons or other chemicals of concern.

Hot spot samples were collected by first exposing "fresh" soil beneath the surface using a stainless steel utensil or similar device. A PID was used to measure headspace organic vapor concentrations in the freshly exposed soil at each location. Soil samples were collected for analysis where at least one of the following conditions existed: 1) the headspace VOC reading exceeded 5 ppm, (2) areas where staining of the soil was visible, or (3) areas where odors were noticeable.

Soil samples were collected for analysis in pre-cleaned, stainless steel sleeves by driving the sleeve into the soil with a rubber mallet or drive sampler. The ends of the sleeves were then covered with Teflon film and secured with plastic end caps. A unique sample identification using the following nomenclature was written in indelible ink on a sample label and attached to the sleeve.

Source Area - Grab Sample (GS) - Chronological Number (#) - Sample Depth (feet)

e.g., PL-GS-5-2.5'
Pipe Line - Grab Sample No. 5 - Collected at 2.5 feet

Sample sleeves were placed in a cooler with blue ice and transported under chain-of-custody to a State-certified laboratory for analysis. Hot spot samples have been analyzed according to the analytical schedule presented in Table 1.

Hot spot sample locations discussed in this report have been subsequently excavated and data collected from these samples are considered representative of the corresponding stockpile soil quality.

3.3 CONFIRMATION SAMPLING

Confirmation samples were collected along the walls and floor of each remedial excavation to confirm that the surface soil (upper 12 feet) met the Site-specific soil screening criteria. Iterations of additional soil excavation were conducted as required until confirmation sample analytical data indicated that *in situ* soil quality met the soil screening criteria, or a maximum depth of 12 feet was reached.

Confirmation soil samples were collected by first exposing "fresh" soil beneath the surface of a wall and floor of an excavation using a stainless steel utensil or similar device. Soil samples were collected for analysis in pre-cleaned, stainless steel sleeves by driving the sleeve into the soil with a rubber mallet or drive sampler. The ends of the sleeves were then covered with Teflon film and secured with plastic end caps. A unique

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sample identification using the following nomenclature was written in indelible ink on a sample label and attached to the sleeve.

Source Area - Grab Sample (GS) - Chronological Number (#) - Sample Depth (feet)

e.g., OA1-GS-42-3'
Open Area No. 1 - Grab Sample No. 42 - Collected at 3 feet

Sample sleeves were placed in a cooler with blue ice and transported under chain-of-custody to a State-certified laboratory for analysis. Confirmation samples have been analyzed according to the analytical schedule presented in Table 1; however, some confirmation sample analyses were limited to target-specific chemicals once such analytes were identified either through previous sampling activities or historical site knowledge.

Confirmation samples discussed in this report included those collected through "pot hole" excavations in the vicinity of the railroad spur within Open Area No. 1. These confirmation samples were collected to: (1) assess whether impacted soil was present, and if so, (2) to confirm the depth to clean, native soil.

Using a backhoe, soil was removed from "pot hole" excavations near the railroad spur to the depth of 4 feet where native soil was believed to occur based on PID readings, observations, and odor. Confirmation samples were collected in the soil brought to the surface in the backhoe bucket. Confirmation soil samples were collected by first exposing "fresh" soil using a stainless steel utensil or similar device. Soil samples were collected for analysis in pre-cleaned, stainless steel sleeves by driving the sleeve into the soil with a rubber mallet or drive sampler. The ends of the sleeves were then covered with Teflon film and secured with plastic end caps.

A unique sample identification using the following nomenclature was written in indelible ink on a sample label and attached to the sleeve.

Railroad Spur (RR) - Grab Sample (GS) - Chronological Number (#) - Sample Depth (feet)

e.g., RR-GS-23-4'

Sample sleeves were placed in a cooler with blue ice and transported under chain-of-custody to a State-certified laboratory for analysis. Confirmation samples have been analyzed according to the analytical schedule presented in Table 1.

Confirmation sample locations discussed in this report have been subsequently excavated and data collected from these samples are considered representative of the corresponding stockpile soil quality.

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3.4 EVALUATION PROCESS

Based on the analytical data, each stockpile of soil was subjected to the Site-specific soil screening criteria presented in Figure 4. Stockpiled soil which passed all criteria was used as backfill at the Site.

Stockpiled soil which failed a Site-specific soil screening criterion was further subjected to the following waste classification procedure:

- Stockpiled soil was characterized as RCRA-listed hazardous waste if the origin of detected analytes could be determined and an analyte(s) appeared on a list of RCRA hazardous wastes per CCR Title 22. Stockpiled soil was characterized as RCRA-characteristic hazardous waste if the soil exhibited a RCRA hazardous characteristic per CCR Title 22.

- Stockpiled soils were classified as non-RCRA hazardous waste if representative soil samples contained any metal in total concentration equal to or greater than its respective TTLC per CCR Title 22. Representative soil samples were analyzed for soluble metal concentration using the Waste Extraction Test (WET) if the total concentration of any metal was equal to or greater than 10 times its respective STLC but less than its TTLC per CCR Title 22. Stockpiled soil was classified as non-RCRA hazardous waste if representative soil samples contained any metal in soluble concentration using the WET equal to or greater than its respective STLC per CCR Title 22. Additionally, representative soil samples which were analyzed using the WET were also analyzed for soluble metal concentrations using the Toxic Characteristic Leaching Procedure (TCLP). Stockpiled soil was classified as a RCRA characteristic hazardous waste if the soluble concentration of any metal was equal to or greater than the toxicity characteristic (TC).

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SECTION 4.0

WASTE DISCHARGE RECORDS

Based on the analytical data, approximately 5,300 cubic yards of soil (field volume estimate) in 22 separate stockpiles failed at least one Site-specific soil screening criterion; however, this soil was further characterized as non-hazardous waste suitable for use as landfill daily cover. Documentation regarding the characterization of these stockpiles is presented in Soil Stockpile Reports (Montgomery Watson, 1997(j,k)). This non-hazardous soil contained in the following stockpiles was transported to Bradley Landfill for use as daily cover:

Remedial Excavation	Stockpile Designation	Approx. Volume
OA1-RE-1	Stockpile A	250 cu yds
OA1-RE-1	Stockpile B	250 cu yds
OA1-RE-1	Stockpile G	250 cu yds
OA1-RE-1	Stockpile I	250 cu yds
OA1-RE-1	Stockpile J	250 cu yds
OA1-RE-2	Stockpile A1/A2	250 cu yds
OA1-RE-2	Stockpile C	250 cu yds
OA1-RE-2	Stockpile D	250 cu yds
OA1-RE-2	Stockpile F	250 cu yds
OA1-RE-2	Stockpile H	250 cu yds
OA1-RE-2	Stockpile I	250 cu yds
OA1-RE-2	Stockpile J	250 cu yds
OA1-RE-3	Stockpile B	250 cu yds
OA1-RE-3	Stockpile C	250 cu yds
OA1-RE-3	Stockpile E	250 cu yds
OA1-RE-4	Stockpile A	250 cu yds
OA1-RE-6	Stockpile J	250 cu yds
OA1-RE-8	Stockpile I	250 cu yds
OA1-RE-9	Stockpile A	250 cu yds
OA1-RE-9	Stockpile B	250 cu yds
WL-RE-1*	Stockpile A	250 cu yds
B36-RE-1*	Stockpile C "carve-out"	50 cu yds

* Documentation regarding the characterization of these stockpiles in a Soil Stockpile Report was in preparation at the time this Waste Discharge Report was published.

The subject soil in its entirety was transported from the C-6 Facility to Bradley Landfill for use as daily cover in compliance with the RWQCB's September 24, 1997 letter (RWQCB, 1997). Analytical data summaries for these stockpiles are presented in Appendix A. Laboratory analytical reports are presented in Appendix B.

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The soil was transported by truck from October 7 to October 10, 1997 over 201 truck loads. Documentation of this soil disposition is presented on stockpile soils disposal records presented in Appendix C.

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SECTION 5.0

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Montgomery Watson, Soil Stockpile Report, Parcel A, Report No. 5, Boeing Realty Corporation C-6 Facility, Los Angeles, California, 1997(k).

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Figures

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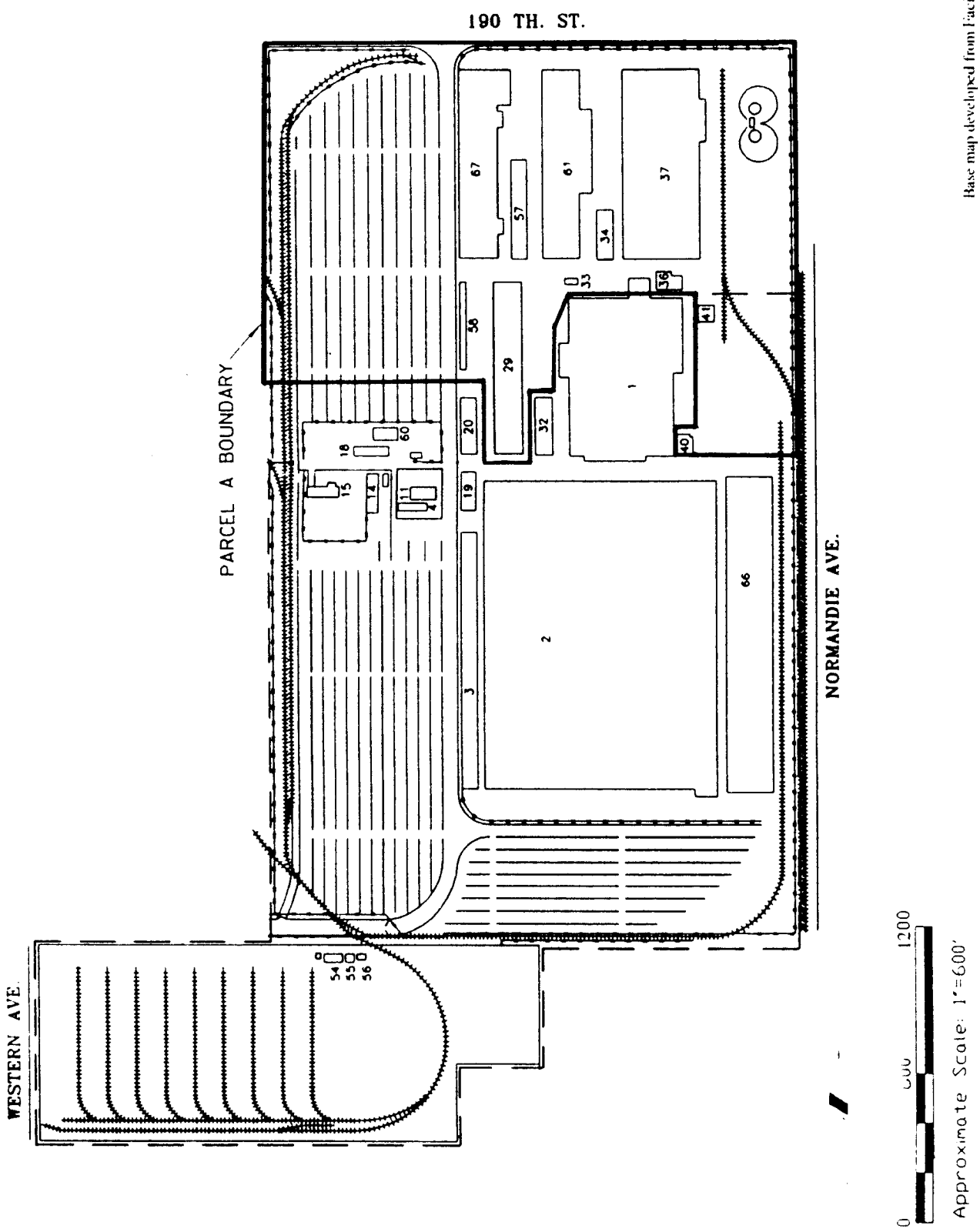
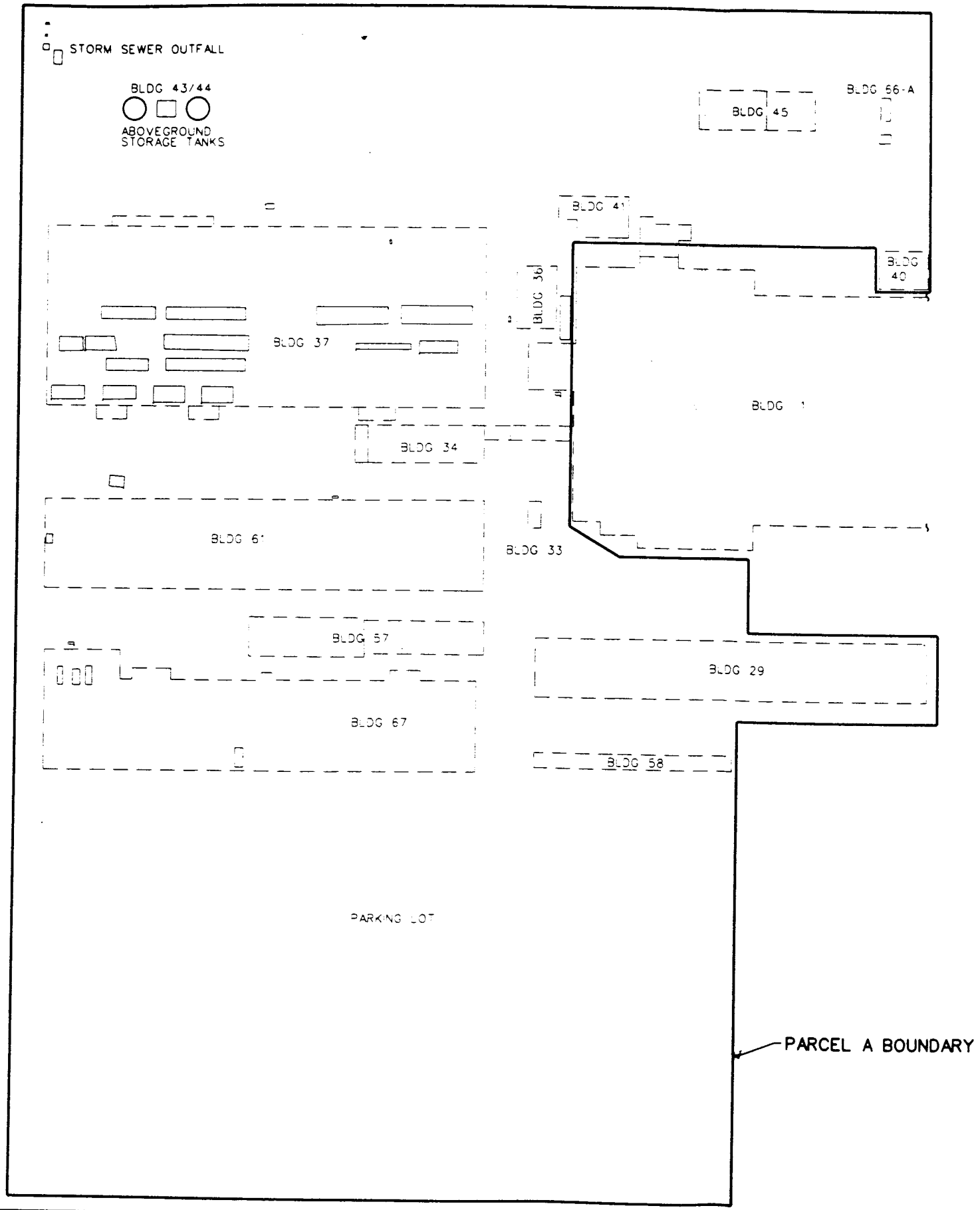


Base map developed from Facility Layout and Subject Property Map by Kennedy/Jenks Consultants, May 1996.

MONTGOMERY WATSON	C-6 FACILITY MAP	FIG. 1



0 40 80 120 160 200
(IN FEET)

BASE MAP DEVELOPED FROM TAIT & ASSOCIATES INC. SURVEY DRAWING DATED 10/22/96.

REV	DATE	BY	DESCRIPTION

SCALE: AS SHOWN

DESIGNED
DRAWN N. CHRAKIAN
CHECKED S. REINERS

SUBMITTED
PROJECT ENGINEER R. C. E. NO. DATE
RECOMMENDED
MONTGOMERY WATSON R. C. E. NO. DATE

MONTGOMERY WATSON
Pasadena, California

APPROVED DATE
APPROVED DATE

BOEING REALTY CORPORATION
PARCEL A
SITE MAP

SHEET FIG. 2 OF • SHEETS

JOB No. FILE No.

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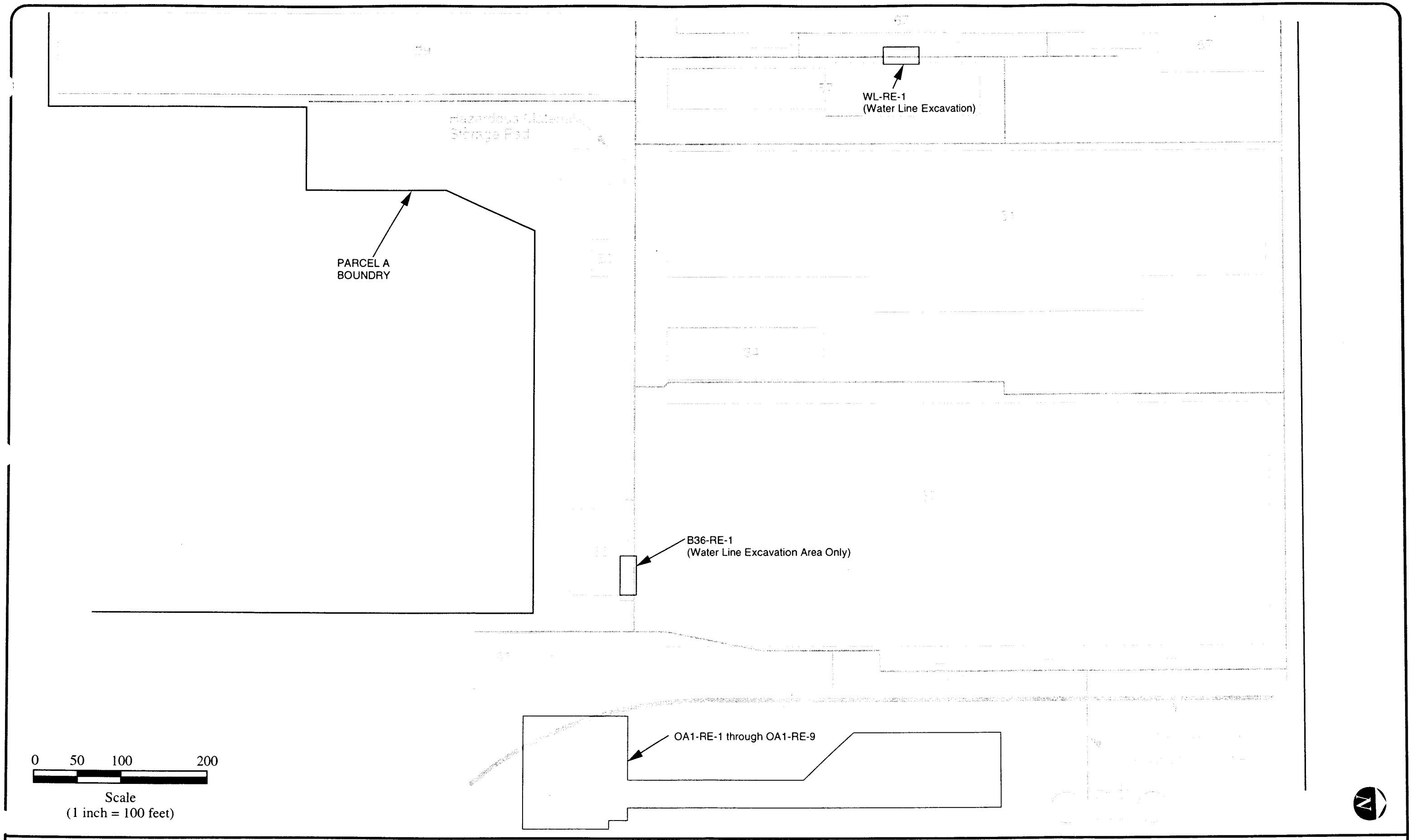
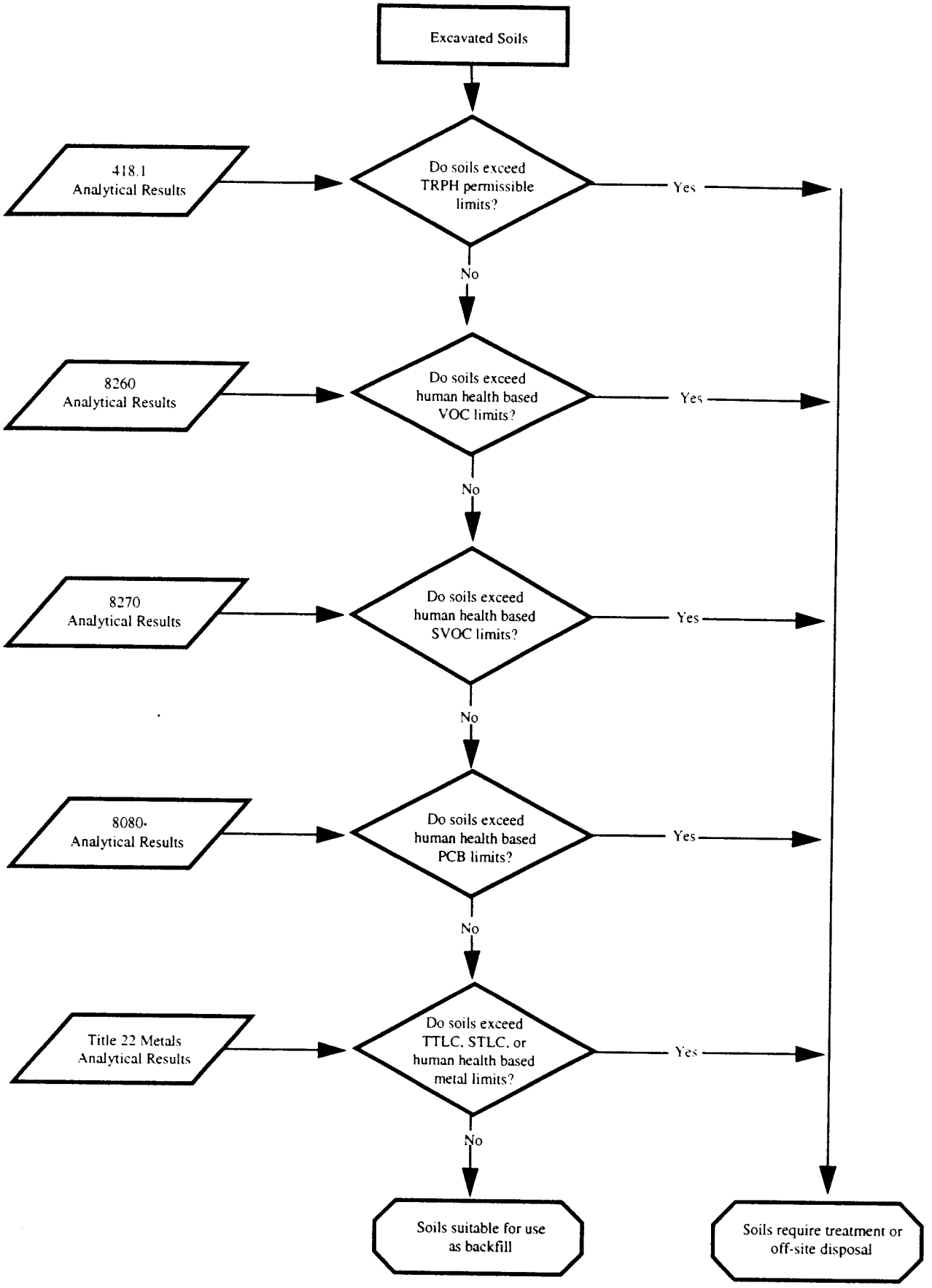


BOEING REALTY CORPORATION
C-6 FACILITY

Remedial Excavation Locations

FIGURE 3

FIGURE 4
Soil Screening Evaluation Process



Tables

MONTGOMERY WATSON

TABLE 1

Summary of Soil Sample Analytical Methods

Sample Type	EPA Method	Analyte
Hot Spot Sample	418.1	TRPH (a)
	6000/7000	Metals
	8260	VOCs
	8270	SVOCs
	8080	PCBs
	8015M	Fuel Characterization
Stockpile Sample	418.1	TRPH (a)
	6000/7000	Metals
	8260	VOCs
	8270	SVOCs
	8080	PCBs (b)
Confirmation Sample	418.1	TRPH (a)
	6000/7000	Metals
	8260	VOCs (c)
	8270	SVOCs (c)
	8080	PCBs (d)
	8015M	Fuel Characterization (e)

Notes:
TRPH Total Recoverable Petroleum Hydrocarbons
VOCs Volatile Organic Compounds
SVOCs Semi-volatile Organic Compounds.
PCBs Polychlorinated Biphenyls
(a) Samples exhibiting TRPH concentration greater than 10,000 mg/kg were submitted for carbon chain analysis.
(b) One sample per remedial excavation.
(c) The number of confirmation samples analyzed for VOCs and SVOCs is approximately equal to the number of stockpile samples analyzed for VOCs and SVOCs. Confirmation samples are selected for analysis of VOCs and SVOCs based on highest TRPH concentration, and location of evenly spaced confirmation sample locations.
(d) Generally, one sample per each remedial excavation, or following the removal of each 2500 cubic yards of soil, whichever is less.
(e) Confirmation samples were selectively analyzed for fuel characterization.

Appendix A

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Analytical Data Summary
Remedial Excavation OA1-RE-1 Stockpile A

Analyte	EPA Method	Sample Number and Collection Date: OA1-RE1-SP1 7/15/97	Regulatory Levels: TTLC (mg/kg)	Regulatory Levels: STLC (mg/L)
TRPH (mg/kg)	418.1	2,100		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	100	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	80 (2)(3)	2,500	5
Cobalt	6010	7.4	8,000	80
Copper	6010	12	2,500	25
Lead (total)	6010	190 (4)(5)	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	11	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	33	2,400	24
Zinc	6010	44	5,000	250
VOCs (1) (mg/kg)				
1,3,5-Trimethylbenzene	8260	0.130		
1,2,4-Trimethylbenzene	8260	0.160		
n-Butylbenzene	8260	0.031		
Naphthalene	8260	0.100		
SVOCs (1) (mg/kg)				
Acenaphthene	8270	2.900		
Anthracene	8270	1.700		
Benzo (a) Anthracene	8270	72.000		
Benzo (b) Fluoranthene	8270	76.000		
Benzo (k) Fluoranthene	8270	33.000		
Benzo (a) Pyrene	8270	40.000		
Benzo (g,h,i) Perylene	8270	28.000		
Chrysene	8270	200.000		
Dibenz (a,h) Anthracene	8270	9.700		
Fluoranthene	8270	180.000		
Fluorene	8270	11.000		
Indeno (1,2,3-cd)Pyrene	8270	19.000		
2-Methylnaphthalene	8270	85.000		
Naphthalene	8270	18.000		
Phenanthrene	8270	95.000		
Pyrene	8270	220.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected
(2) Waste Extraction Test performed on this sample. Result was 0.27 mg/L.
(3) TCLP analysis performed on this sample. Result was <0.1 mg/L.
(4) Waste Extraction Test performed on this sample. Result was <1.0 mg/L.
(5) TCLP analysis performed on this sample. Result was <1.0 mg/L.

Analytical Data Summary
Remedial Excavation OA1-RE-1 Stockpile B

Analyte	EPA Method	Sample Number and Collection Date OA1-RE1-SP2 7/15/97	Regulatory Levels TTLC (mg/kg)	Regulatory Levels STLC (mg/L)
TRPH (mg/kg)	418.1	1,000		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	110	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	87 (2)(3)	2,500	5
Cobalt	6010	7.3	8,000	80
Copper	6010	14	2,500	25
Lead (total)	6010	220 (4)(5)	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	12	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	34	2,400	24
Zinc	6010	60	5,000	250
VOCs (1) (mg/kg)				
1,3,5-Trimethylbenzene	8260	0.044		
1,2,4-Trimethylbenzene	8260	0.110		
n-Butylbenzene	8260	0.040		
Naphthalene	8260	1.000		
SVOCs (1) (mg/kg)				
Acenaphthene	8270	0.620		
Anthracene	8270	1.800		
Benzo (a) Anthracene	8270	5.100		
Benzo (b) Fluoranthene	8270	6.200		
Benzo (k) Fluoranthene	8270	2.200		
Benzo (a) Pyrene	8270	3.700		
Benzo (g,h,i) Perylene	8270	3.000		
Chrysene	8270	9.900		
Dibenz (a,h) Anthracene	8270	1.000		
Fluoranthene	8270	9.900		
Fluorene	8270	1.700		
Indeno (1,2,3-cd)Pyrene	8270	1.900		
2-Methylnaphthalene	8270	8.600		
Naphthalene	8270	1.000		
Phenanthrene	8270	12.000		
Pyrene	8270	20.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected
(2) Waste Extraction Test performed on this sample. Result was 1.8 mg/L.
(3) TCLP analysis performed on this sample. Result was 0.13 mg/L.
(4) Waste Extraction Test performed on this sample. Result was 4.5 mg/L.
(5) TCLP analysis performed on this sample. Result was <1.0 mg/L.

Analytical Data Summary
Remedial Excavation OA1-RE-1 Stockpile G

Analyte	EPA Method	Sample Number and Collection Date OA1-RE1-SP7 7/15/97	Regulatory Levels TTLC (mg/kg)	Regulatory Levels STLC (mg/L)
TRPH (mg/kg)	418.1	3,100		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	110	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	110 (2)(3)	2,500	5
Cobalt	6010	7.0	8,000	80
Copper	6010	20	2,500	25
Lead (total)	6010	14	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	13	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	36	2,400	24
Zinc	6010	65	5,000	250
VOCs (1) (mg/kg)				
Ethylbenzene	8260	1.700		
Total Xylenes	8260	13.000		
n-Propylbenzene	8260	0.920		
1,3,5-Trimethylbenzene	8260	9.600		
1,2,4-Trimethylbenzene	8260	23.000		
n-Butylbenzene	8260	1.100		
Naphthalene	8260	64.000		
SVOCs (1) (mg/kg)				
Acenaphthene	8270	3.500		
Anthracene	8270	7.500		
Benzo (a) Anthracene	8270	14.000		
Benzo (b) Fluoranthene	8270	12.000		
Benzo (g,h,i) Perylene	8270	10.000		
Chrysene	8270	31.000		
Fluoranthene	8270	18.000		
Fluorene	8270	10.000		
2-Methylnaphthalene	8270	160.000		
Naphthalene	8270	41.000		
Phenanthrene	8270	59.000		
Pyrene	8270	55.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected
(2) Waste Extraction Test performed on this sample. Result was 0.56 mg/L.
(3) TCLP analysis performed on this sample. Result was <0.1 mg/L.

Analytical Data Summary
Remedial Excavation OA1-RE-1 Stockpile I

Analyte	EPA Method	Sample Number and Collection Date OA1-RE1-SP9 7/16/97	Regulatory Levels TTLC (mg/kg)	Regulatory Levels STLC (mg/L)
TRPH (mg/kg)	418.1	700		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	110	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	31	2,500	5
Cobalt	6010	8.3	8,000	80
Copper	6010	12	2,500	25
Lead (total)	6010	<1.0	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	13	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	36	2,400	24
Zinc	6010	45	5,000	250
VOCs (1) (mg/kg)				
n-Propylbenzene	8260	0.063		
1,2,4-Trimethylbenzene	8260	0.110		
n-Butylbenzene	8260	0.110		
Naphthalene	8260	4.300		
SVOCs (1) (mg/kg)				
Acenaphthene	8270	0.890		
Anthracene	8270	1.900		
Benzo (a) Anthracene	8270	2.800		
Benzo (b) Fluoranthene	8270	2.100		
Benzo (k) Fluoranthene	8270	0.790		
Benzo (a) Pyrene	8270	2.800		
Benzo (g,h,i) Perylene	8270	2.000		
Chrysene	8270	3.700		
Fluoranthene	8270	2.500		
Fluorene	8270	1.600		
Indeno (1,2,3-cd)Pyrene	8270	0.980		
2-Methylnaphthalene	8270	31.000		
Naphthalene	8270	6.800		
Phenanthrene	8270	14.000		
Pyrene	8270	13.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-1 Stockpile J

Analyte	EPA Method	Sample Number and Collection Date: OA1-RE1-SP10 7/16/97	Sample Number and Collection Date: PL-GS-1-2.5' 6/3/97	Regulatory Levels: TTLC (mg/kg)	Regulatory Levels: STLC (mg/L)
TRPH (mg/kg)	418.1	13,000	16,000		
TPHd (mg/kg)	8015M	--	38,000		
TPHg (mg/kg)	8015M	--	100		
Title 22 Metals (mg/kg)					
Antimony	6010	<5.0	<5.0	500	15
Arsenic	6010	<1.0	<1.0	500	5
Barium	6010	95	96	10,000	100
Beryllium	6010	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	1.4	100	1
Chromium (VI)	7196	<0.5	<0.5	500	5
Chromium (total)	6010	38	250 (2)	2,500	5
Cobalt	6010	6.6	6.0	8,000	80
Copper	6010	11	28	2,500	25
Lead (total)	6010	21	290 (3)	1,000	5
Mercury	7471	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	3,500	350
Nickel	6010	11	15	2,000	20
Selenium	6010	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	700	7
Vanadium	6010	28	28	2,400	24
Zinc	6010	41	94	5,000	250
VOCs (1) (mg/kg)					
Ethylbenzene	8260	<0.0025	0.270		
Total Xylenes	8260	<0.0025	0.140		
Isopropylbenzene	8260	<0.0025	0.100		
n-Propylbenzene	8260	<0.0025	0.190		
1,3,5-Trimethylbenzene	8260	0.110	0.210		
1,2,4-Trimethylbenzene	8260	<0.0025	0.350		
sec-Butylbenzene	8260	<0.0025	0.130		
Naphthalene	8260	0.860	1.300		
SVOCs (1) (mg/kg)					
Acenaphthene	8270	4.300	2.100		
Anthracene	8270	11.000	5.600		
Benzo (a) Anthracene	8270	26.000	15.000		
Benzo (b) Fluoranthene	8270	28.000	23.000		
Benzo (k) Fluoranthene	8270	12.000	7.200		
Benzo (a) Pyrene	8270	22.000	13.000		
Benzo (g,h,i) Perylene	8270	14.000	10.000		
Chrysene	8270	48.000	30.000		
Fluoranthene	8270	53.000	30.000		
Fluorene	8270	13.000	5.600		
Indeno (1,2,3-cd)Pyrene	8270	6.800	6.300		
2-Methylnaphthalene	8270	160.000	8.200		
Naphthalene	8270	41.000	1.400		
Phenanthrene	8270	80.000	36.000		
Pyrene	8270	120.000	72.000		
Carbon Chain Range (mg/kg)					
Up to and including C12	8015m	480	1,500		
C13-C22	8015m	7,600	31,000		
C23 and higher	8015m	2,100	7,900		
PCBs (mg/kg)	8080	ND	ND		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected
(2) Waste Extraction Test performed on this sample. Result was 4.5 mg/L.
(3) Waste Extraction Test performed on this sample. Result was 1.8 mg/L.
TPHd = Total Petroleum Hydrocarbons as diesel
TPHg = Total Petroleum Hydrocarbons as gasoline

Analytical Data Summary
Remedial Excavation OA1-RE-2 Stockpile A1/A2

Analyte	EPA Method	Sample Number and Collection Date: OA1-RE2-SP1A 7/16/97	OA1-RE2-SP1B 7/16/97	Regulatory Levels: TTLC (mg/kg)	STLC (mg/L)
TRPH (mg/kg)	418.1	8,300	83		
Title 22 Metals (mg/kg)					
Antimony	6010	<5.0	<5.0	500	15
Arsenic	6010	<1.0	<1.0	500	5
Barium	6010	81	110	10,000	100
Beryllium	6010	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	<0.1	100	1
Chromium (VI)	7196	<0.5	<0.5	500	5
Chromium (total)	6010	43	29	2,500	5
Cobalt	6010	5.9	8.1	8,000	80
Copper	6010	9.6	11	2,500	25
Lead (total)	6010	4.2	5.0	1,000	5
Mercury	7471	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	3,500	350
Nickel	6010	8.6	14	2,000	20
Selenium	6010	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	700	7
Vanadium	6010	25	27	2,400	24
Zinc	6010	29	48	5,000	250
VOCs (1) (mg/kg)					
Ethylbenzene	8260	2.500	<0.0025		
Total Xylenes	8260	4.200	<0.0025		
n-Propylbenzene	8260	1.600	<0.0025		
1,3,5-Trimethylbenzene	8260	0.580	<0.0025		
1,2,4-Trimethylbenzene	8260	36.000	<0.0025		
n-Butylbenzene	8260	2.700	<0.0025		
Naphthalene	8260	110.000	0.017		
SVOCs (1) (mg/kg)					
Acenaphthene	8270	6.200	<0.100		
Anthracene	8270	16.000	0.160		
Benzo (a) Anthracene	8270	43.000	0.790		
Benzo (b) Fluoranthene	8270	55.000	1.200		
Benzo (k) Fluoranthene	8270	19.000	<0.250		
Benzo (a) Pyrene	8270	40.000	0.570		
Benzo (g,h,i) Perylene	8270	26.000	0.420		
Chrysene	8270	64.000	2.100		
Dibenz (a,h) Anthracene	8270	6.200	<0.100		
Fluoranthene	8270	95.000	1.700		
Fluorene	8270	19.000	<0.100		
Indeno (1,2,3-cd)Pyrene	8270	15.000	0.300		
2-Methylnaphthalene	8270	300.000	0.430		
Naphthalene	8270	87.000	<0.100		
Phenanthrene	8270	130.000	0.970		
Pyrene	8270	200.000	2.200		
Carbon Chain Range (mg/kg)	8015m	--	--		
PCBs (mg/kg)	8080	--	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-2 Stockpile C

Analyte	EPA Method	Sample Number and Collection Date OA1-RE2-SP3 7/16/97	Regulatory Levels TTLC (mg/kg)	 STLC (mg/L)
TRPH (mg/kg)	418.1	240		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	77	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	21	2,500	5
Cobalt	6010	6.1	8,000	80
Copper	6010	9.5	2,500	25
Lead (total)	6010	<1.0	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	7.5	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	25	2,400	24
Zinc	6010	28	5,000	250
VOCs (1) (mg/kg)				
1,3,5-Trimethylbenzene	8260	0.026		
1,2,4-Trimethylbenzene	8260	0.054		
n-Butylbenzene	8260	0.0083		
Naphthalene	8260	0.260		
SVOCs (1) (mg/kg)				
Anthracene	8270	16.000		
Benzo (a) Anthracene	8270	62.000		
Benzo (b) Fluoranthene	8270	64.000		
Benzo (k) Fluoranthene	8270	25.000		
Benzo (a) Pyrene	8270	32.000		
Benzo (g,h,i) Perylene	8270	18.000		
Chrysene	8270	63.000		
Dibenz (a,h) Anthracene	8270	5.800		
Dibenzofuran	8270	4.100		
Fluoranthene	8270	180.000		
Fluorene	8270	12.000		
Indeno (1,2,3-cd)Pyrene	8270	15.000		
2-Methylnaphthalene	8270	5.000		
Phenanthrene	8270	120.000		
Pyrene	8270	170.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-2 Stockpile D

Analyte	EPA Method	Sample Number and Collection Date OA1-RE2-SP4 7/17/97	Regulatory Levels TTLC (mg/kg)	 STLC (mg/L)
TRPH (mg/kg)	418.1	14,000		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	110	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	1.8	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	27	2,500	5
Cobalt	6010	6.7	8,000	80
Copper	6010	17	2,500	25
Lead (total)	6010	30	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	22	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	41	2,400	24
Zinc	6010	64	5,000	250
VOCs (1) (mg/kg)				
Total Xylenes	8260	0.170		
1,3,5-Trimethylbenzene	8260	0.210		
1,2,4-Trimethylbenzene	8260	0.490		
Naphthalene	8260	2.200		
SVOCs (1) (mg/kg)				
Acenaphthene	8270	6.200		
Anthracene	8270	17.000		
Benzo (a) Anthracene	8270	79.000		
Benzo (b) Fluoranthene	8270	110.000		
Benzo (k) Fluoranthene	8270	33.000		
Benzo (a) Pyrene	8270	57.000		
Benzo (g,h,i) Perylene	8270	44.000		
Chrysene	8270	190.000		
Dibenz (a,h) Anthracene	8270	12.000		
Fluoranthene	8270	140.000		
Fluorene	8270	17.000		
Indeno (1,2,3-cd)Pyrene	8270	30.000		
2-Methylnaphthalene	8270	180.000		
Naphthalene	8270	42.000		
Phenanthrene	8270	110.000		
Pyrene	8270	260.000		
Carbon Chain Range (mg/kg)				
Up to and including C12	8015m	870		
C13-C22	8015m	15,000		
C23 and higher	8015m	5,500		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-2 Stockpile F

Analyte	EPA Method	Sample Number and Collection Date OA1-RE2-SP6 7/17/97	Regulatory Levels TTLC (mg/kg)	Regulatory Levels STLC (mg/L)
TRPH (mg/kg)	418.1	2,300		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	90	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	1.3	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	29	2,500	5
Cobalt	6010	7.2	8,000	80
Copper	6010	13	2,500	25
Lead (total)	6010	9.7	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	16	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	42	2,400	24
Zinc	6010	40	5,000	250
VOCs (1) (mg/kg)				
Ethylbenzene	8260	0.390		
Total Xylenes	8260	1.500		
n-Propylbenzene	8260	0.220		
1,3,5-Trimethylbenzene	8260	2.000		
1,2,4-Trimethylbenzene	8260	6.200		
n-Butylbenzene	8260	0.340		
Naphthalene	8260	17.000		
SVOCs (1) (mg/kg)				
Anthracene	8270	270.000		
Benzo (a) Anthracene	8270	1,300.000		
Benzo (b) Fluoranthene	8270	1,900.000		
Benzo (k) Fluoranthene	8270	430.000		
Benzo (a) Pyrene	8270	760.000		
Benzo (g,h,i) Perylene	8270	470.000		
Chrysene	8270	1,500.000		
Dibenz (a,h) Anthracene	8270	160.000		
Fluoranthene	8270	4,000.000		
Fluorene	8270	110.000		
Indeno (1,2,3-cd)Pyrene	8270	470.000		
Phenanthrene	8270	1,800.000		
Pyrene	8270	3,600.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-2 Stockpile H

Analyte	EPA Method	Sample Number and Collection Date: OA1-RE2-SP8 7/17/97	Sample Number and Collection Date: RR-GS-37-4' 6/5/97	Regulatory Levels: TTLC (mg/kg)	Regulatory Levels: STLC (mg/L)
TRPH (mg/kg)	418.1	4,600	<8.0		
TPHd (mg/kg)	8015M	--	<8.0		
TPHg (mg/kg)	8015M	--	<5.0		
Title 22 Metals (mg/kg)					
Antimony	6010	<5.0	<5.0	500	15
Arsenic	6010	<1.0	<1.0	500	5
Barium	6010	91	99	10,000	100
Beryllium	6010	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	<0.1	100	1
Chromium (VI)	7196	<0.5	<0.5	500	5
Chromium (total)	6010	49	25	2,500	5
Cobalt	6010	6.7	6.8	8,000	80
Copper	6010	12	9.5	2,500	25
Lead (total)	6010	27	<1.0	1,000	5
Mercury	7471	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	3,500	350
Nickel	6010	13	10	2,000	20
Selenium	6010	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	700	7
Vanadium	6010	30	28	2,400	24
Zinc	6010	110	32	5,000	250
VOCs (1) (mg/kg)					
Total Xylenes	8260	0.150	<0.0025		
1,3,5-Trimethylbenzene	8260	0.330	<0.0025		
1,2,4-Trimethylbenzene	8260	0.970	<0.0025		
n-Butylbenzene	8260	0.120	<0.0025		
Naphthalene	8260	5.500	<0.0025		
SVOCs (1) (mg/kg)					
Acenaphthene	8270	1.100	<0.100		
Anthracene	8270	3.000	<0.100		
Benzo (a) Anthracene	8270	8.300	<0.100		
Benzo (b) Fluoranthene	8270	14.000	<0.250		
Benzo (k) Fluoranthene	8270	4.000	<0.250		
Benzo (a) Pyrene	8270	7.900	<0.250		
Benzo (g,h,i) Perylene	8270	6.000	<0.250		
Chrysene	8270	15.000	<0.100		
Dibenz (a,h) Anthracene	8270	1.300	<0.100		
Fluoranthene	8270	16.000	<0.100		
Fluorene	8270	3.400	<0.100		
Indeno (1,2,3-cd)Pyrene	8270	3.900	<0.250		
2-Methylnaphthalene	8270	40.000	<0.100		
Naphthalene	8270	9.800	<0.100		
Phenanthrene	8270	21.000	<0.100		
Pyrene	8270	34.000	<0.100		
Carbon Chain Range (mg/kg)	8015m	--	ND		
PCBs (mg/kg)	8080	--	ND		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected
TPHd = Total Petroleum Hydrocarbons as diesel
TPHg = Total Petroleum Hydrocarbons as gasoline

Analytical Data Summary
Remedial Excavation OA1-RE-2 Stockpile I

Analyte	EPA Method	Sample Number and Collection Date OA1-RE2-SP9 7/18/97	Regulatory Level TTLC (mg/kg)	 STLC (mg/L)
TRPH (mg/kg)	418.1	1,300		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	100	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	37	2,500	5
Cobalt	6010	7.6	8,000	80
Copper	6010	16	2,500	25
Lead (total)	6010	34	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	14	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	35	2,400	24
Zinc	6010	35	5,000	250
VOCs (1) (mg/kg)				
1,2,4-Trimethylbenzene	8260	0.0039		
Naphthalene	8260	0.023		
SVOCs (1) (mg/kg)				
Anthracene	8270	3.000		
Benzo (a) Anthracene	8270	20.000		
Benzo (b) Fluoranthene	8270	39.000		
Benzo (k) Fluoranthene	8270	11.000		
Benzo (a) Pyrene	8270	17.000		
Benzo (g,h,i) Perylene	8270	18.000		
Chrysene	8270	46.000		
Dibenz (a,h) Anthracene	8270	4.700		
Fluoranthene	8270	46.000		
Indeno (1,2,3-cd)Pyrene	8270	15.000		
Phenanthrene	8270	12.000		
Pyrene	8270	57.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-2 Stockpile J

Analyte	EPA Method	Sample Number and Collection Date OA1-RE2-SP10 7/18/97	Regulatory Levels TTLC (mg/kg)	 STLC (mg/L)
TRPH (mg/kg)	418.1	420		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	100	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	25	2,500	5
Cobalt	6010	7.1	8,000	80
Copper	6010	11	2,500	25
Lead (total)	6010	<1.0	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	11	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	32	2,400	24
Zinc	6010	40	5,000	250
VOCs (1) (mg/kg)				
Total Xylenes	8260	0.0052		
1,3,5-Trimethylbenzene	8260	0.0085		
1,2,4-Trimethylbenzene	8260	0.029		
Naphthalene	8260	0.110		
SVOCs (1) (mg/kg)				
Anthracene	8270	0.940		
Benzo (a) Anthracene	8270	5.500		
Benzo (b) Fluoranthene	8270	8.800		
Benzo (k) Fluoranthene	8270	2.000		
Benzo (a) Pyrene	8270	3.600		
Benzo (g,h,i) Perylene	8270	4.000		
Chrysene	8270	13.000		
Dibenz (a,h) Anthracene	8270	1.100		
Fluoranthene	8270	13.000		
Fluorene	8270	0.230		
Indeno (1,2,3-cd)Pyrene	8270	3.400		
2-Methylnaphthalene	8270	3.000		
Naphthalene	8270	0.770		
Phenanthrene	8270	3.900		
Pyrene	8270	12.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-3 Stockpile B

Analyte	EPA Method	Sample Number and Collection Date OA1-RE3-SP2 7/18/97	Regulatory Levels TTLC (mg/kg)	 STLC (mg/L)
TRPH (mg/kg)	418.1	1,500		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	120	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	28	2,500	5
Cobalt	6010	7.8	8,000	80
Copper	6010	12	2,500	25
Lead (total)	6010	<1.0	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	12	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	34	2,400	24
Zinc	6010	40	5,000	250
VOCs (1) (mg/kg)				
Ethylbenzene	8260	0.300		
n-Propylbenzene	8260	0.310		
1,3,5-Trimethylbenzene	8260	1.500		
1,2,4-Trimethylbenzene	8260	2.500		
n-Butylbenzene	8260	0.420		
Naphthalene	8260	20.000		
SVOCs (1) (mg/kg)				
Acenaphthene	8270	1.400		
Anthracene	8270	3.200		
Benzo (a) Anthracene	8270	6.300		
Benzo (b) Fluoranthene	8270	7.600		
Benzo (k) Fluoranthene	8270	1.700		
Benzo (a) Pyrene	8270	5.100		
Benzo (g,h,i) Perylene	8270	3.700		
Chrysene	8270	9.500		
Fluoranthene	8270	11.000		
Fluorene	8270	3.400		
Indeno (1,2,3-cd)Pyrene	8270	2.300		
2-Methylnaphthalene	8270	45.000		
Naphthalene	8270	14.000		
Phenanthrene	8270	20.000		
Pyrene	8270	18.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-3 Stockpile C

Analyte	EPA Method	Sample Number and Collection Date OA1-RE3-SP3 7/18/97	Regulatory Levels TTLC (mg/kg)	 STLC (mg/L)
TRPH (mg/kg)	418.1	1,700		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	110	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	25	2,500	5
Cobalt	6010	7.3	8,000	80
Copper	6010	12	2,500	25
Lead (total)	6010	<1.0	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	11	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	34	2,400	24
Zinc	6010	40	5,000	250
VOCs (1) (mg/kg)				
Ethylbenzene	8260	0.130		
1,3,5-Trimethylbenzene	8260	0.590		
1,2,4-Trimethylbenzene	8260	1.000		
n-Butylbenzene	8260	0.260		
Naphthalene	8260	14.000		
SVOCs (1) (mg/kg)				
Acenaphthene	8270	1.200		
Anthracene	8270	2.600		
Benzo (a) Anthracene	8270	4.000		
Benzo (b) Fluoranthene	8270	4.000		
Benzo (k) Fluoranthene	8270	1.400		
Benzo (a) Pyrene	8270	3.900		
Benzo (g,h,i) Perylene	8270	3.000		
Chrysene	8270	6.800		
Fluoranthene	8270	5.100		
Fluorene	8270	2.800		
Indeno (1,2,3-cd)Pyrene	8270	1.300		
2-Methylnaphthalene	8270	52.000		
Naphthalene	8270	14.000		
Phenanthrene	8270	16.000		
Pyrene	8270	20.000		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	ND		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-3 Stockpile E

Analyte	EPA Method	Sample Number and Collection Date OA1-RE3-SP5 7/21/97	Regulatory Levels TTLC (mg/kg)	 STLC (mg/L)
TRPH (mg/kg)	418.1	47		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	110	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	43	2,500	5
Cobalt	6010	7.7	8,000	80
Copper	6010	14	2,500	25
Lead (total)	6010	5.0	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	11	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	28	2,400	24
Zinc	6010	79	5,000	250
VOCs (mg/kg)	8260	ND		
SVOCs (1) (mg/kg)				
Anthracene	8270	0.660		
Benzo (a) Anthracene	8270	2.200		
Benzo (b) Fluoranthene	8270	2.700		
Benzo (k) Fluoranthene	8270	0.830		
Benzo (a) Pyrene	8270	1.300		
Benzo (g,h,i) Perylene	8270	0.780		
Chrysene	8270	3.200		
Dibenz (a,h) Anthracene	8270	0.220		
bis (2-Ethylhexyl)Phthalate	8270	0.110		
Fluoranthene	8270	8.400		
Fluorene	8270	0.330		
Indeno (1,2,3-cd)Pyrene	8270	0.630		
Phenanthrene	8270	4.300		
Pyrene	8270	7.500		
Carbon Chain Range (mg/kg)	8015m	--		
PCBs (mg/kg)	8080	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-4 Stockpile A

Analyte	EPA Method	Sample Number and Collection Date: OA1-RE4-SP1 7/22/97	Sample Number and Collection Date: PL-GS-3-3' 6/3/97	Regulatory Levels: TTLC (mg/kg)	Regulatory Levels: STLC (mg/L)
TRPH (mg/kg)	418.1	1,300	18,000		
TPHd (mg/kg)	8015M	--	28,000		
TPHg (mg/kg)	8015M	--	47		
Title 22 Metals (mg/kg)					
Antimony	6010	<5.0	<5.0	500	15
Arsenic	6010	<1.0	<1.0	500	5
Barium	6010	110	100	10,000	100
Beryllium	6010	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	<0.1	100	1
Chromium (VI)	7196	<0.5	<0.5	500	5
Chromium (total)	6010	**160** (2)(3)	**120** (4)	2,500	5
Cobalt	6010	7.1	6.0	8,000	80
Copper	6010	36	28	2,500	25
Lead (total)	6010	41	<1.0	1,000	5
Mercury	7471	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	3,500	350
Nickel	6010	15	10	2,000	20
Selenium	6010	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	700	7
Vanadium	6010	33	24	2,400	24
Zinc	6010	280	60	5,000	250
VOCs (1) (mg/kg)					
Total Xylenes	8260	0.054	<0.100		
1,3,5-Trimethylbenzene	8260	0.053	0.240		
1,2,4-Trimethylbenzene	8260	0.170	0.640		
sec-Butylbenzene	8260	0.028	0.200		
p-Isopropyltoluene	8260		0.190		
n-Butylbenzene	8260	0.039	<0.100		
Naphthalene	8260	0.430	3.800		
SVOCs (1) (mg/kg)					
Benzo (a) Anthracene	8270	0.130	1.600		
Chrysene	8270	0.200	2.600		
bis (2-Ethylhexyl)Phthalate	8270	1.400	<1.000		
Butylbenzylphthalate	8270	0.190	<1.000		
Fluoranthene	8270	0.190	<1.000		
Fluorene	8270	0.280	3.700		
2-Methylnaphthalene	8270	1.900	8.900		
Naphthalene	8270	0.390	1.000		
Phenanthrene	8270	0.990	11.000		
Pyrene	8270	0.400	5.600		
Carbon Chain Range (mg/kg)					
Up to and including C12	8015m	--	2,000		
C13-C22	8015m	--	23,000		
C23 and higher	8015m	--	3,100		
PCBs (1) (mg/kg)					
PCB-1260	8080	0.035	ND		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs, SVOCs, and PCBs not listed were not detected
(2) Waste Extraction Test performed on this sample. Result was 2.2 mg/L.
(3) TCLP analysis performed on this sample. Result was <0.1 mg/L.
(4) Waste Extraction Test performed on this sample. Result was 2.8 mg/L.

Analytical Data Summary
Remedial Excavation OA1-RE-6 Stockpile J

Analyte	EPA Method	Sample Number and Collection Date: OA1-RE6-SP3 7/29/97	Sample Number and Collection Date: PL-GS-9-3.5' 7/2/97	Regulatory Levels: TTLC (mg/kg)	Regulatory Levels: STLC (mg/L)
TRPH (mg/kg)	418.1	4,700	16,000		
TPHd (mg/kg)	8015M	--	15,000		
TPHg (mg/kg)	8015M	--	250		
Title 22 Metals (mg/kg)					
Antimony	6010	<5.0	<5.0	500	15
Arsenic	6010	<1.0	<1.0	500	5
Barium	6010	98	110	10,000	100
Beryllium	6010	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	<0.1	100	1
Chromium (VI)	7196	<0.5	<0.5	500	5
Chromium (total)	6010	38	32	2,500	5
Cobalt	6010	7.2	7.0	8,000	80
Copper	6010	24	20	2,500	25
Lead (total)	6010	<1.0	<1.0	1,000	5
Mercury	7471	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	3,500	350
Nickel	6010	12	14	2,000	20
Selenium	6010	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	700	7
Vanadium	6010	31	37	2,400	24
Zinc	6010	110	81	5,000	250
VOCs (1) (mg/kg)					
Ethylbenzene	8260	0.180	<0.100		
Trichloroethene	8260	0.085	<0.100		
Total Xylenes	8260	0.420	<0.100		
Isopropylbenzene	8260	0.230	0.100		
n-Propylbenzene	8260	0.370	<0.100		
1,3,5-Trimethylbenzene	8260	0.470	0.370		
1,2,4-Trimethylbenzene	8260	2.500	0.210		
sec-Butylbenzene	8260	0.350	0.410		
p-Isopropyltoluene	8260	0.470	0.570		
n-Butylbenzene	8260	0.460	0.280		
Naphthalene	8260	2.600	1.100		
SVOCs (1) (mg/kg)					
Acenaphthene	8270	<0.400	1.000		
Anthracene	8270	0.800	<0.800		
Benzo (a) Anthracene	8270	<0.400	1.000		
Chrysene	8270	<0.400	1.600		
Fluoranthene	8270	0.570	1.300		
Fluorene	8270	2.100	1.300		
2-Methylnaphthalene	8270	10.000	7.200		
Naphthalene	8270	3.700	1.500		
Phenanthrene	8270	5.300	6.000		
Pyrene	8270	0.620	1.900		
Carbon Chain Range (mg/kg)					
Up to and including C12	8015m	--	1,200		
C13-C22	8015m	--	12,000		
C23 and higher	8015m	--	3,100		
PCBs (mg/kg)	8080	--	ND		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
– = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected
TPHd = Total Petroleum Hydrocarbons as diesel
TPHg = Total Petroleum Hydrocarbons as gasoline

Analytical Data Summary
Remedial Excavation OA1-RE-8 Stockpile I

Analyte	EPA Method	Sample Number and Collection Date: OA1-RE8-SP5 8/4/97	Sample Number and Collection Date: OA1-GS-12-5' 7/22/97	Regulatory Levels: TTLC (mg/kg)	Regulatory Levels: STLC (mg/L)
TRPH (mg/kg)	418.1	400	9,800		
Title 22 Metals (mg/kg)					
Antimony	6010	<5.0	<5.0	500	15
Arsenic	6010	<1.0	<1.0	500	5
Barium	6010	100	120	10,000	100
Beryllium	6010	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	<0.1	100	1
Chromium (VI)	7196	<0.5	<0.5	500	5
Chromium (total)	6010	24	29	2,500	5
Cobalt	6010	7.2	9.0	8,000	80
Copper	6010	9.0	12	2,500	25
Lead (total)	6010	<1.0	<1.0	1,000	5
Mercury	7471	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	3,500	350
Nickel	6010	9.9	14	2,000	20
Selenium	6010	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	700	7
Vanadium	6010	26	37	2,400	24
Zinc	6010	46	40	5,000	250
VOCs (1) (mg/kg)					
Ethylbenzene	8260	<0.050	2.500		
n-Propylbenzene	8260	<0.050	1.700		
1,3,5-Trimethylbenzene	8260	<0.050	11.000		
1,2,4-Trimethylbenzene	8260	<0.050	36.000		
p-Isopropyltoluene	8260	0.069	<1.000		
n-Butylbenzene	8260	<0.050	2.600		
Naphthalene	8260	0.500	120.000		
SVOCs (1) (mg/kg)					
Acenaphthene	8270	0.240	<1.000		
Anthracene	8270	0.270	4.900		
Benzo (a) Anthracene	8270	0.670	6.600		
Benzo (g,h,i) Perylene	8270	<0.500	3.900		
Benzo (a) Pyrene	8270	0.730	5.800		
Chrysene	8270	1.100	10.000		
Fluoranthene	8270	0.670	8.700		
Fluorene	8270	0.600	7.500		
2-Methylnaphthalene	8270	8.000	130.000		
Naphthalene	8270	1.900	37.000		
Phenanthrene	8270	2.700	40.000		
Pyrene	8270	2.200	28.000		
Carbon Chain Range (mg/kg)	8015m	--	--		
PCBs (mg/kg)	8080	--	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-9 Stockpile A

Analyte	EPA Method	Sample Number and Collection Date: OA1-RE9-SP1 8/5/97	OA1-GS-13-9' 7/22/97	Regulatory Levels: TTLC (mg/kg)	STLC (mg/L)
TRPH (mg/kg)	418.1	290	5,400		
Title 22 Metals (mg/kg)					
Antimony	6010	<5.0	<5.0	500	15
Arsenic	6010	<1.0	<1.0	500	5
Barium	6010	93	100	10,000	100
Beryllium	6010	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	<0.1	100	1
Chromium (VI)	7196	<0.5	<0.5	500	5
Chromium (total)	6010	23	28	2,500	5
Cobalt	6010	6.9	7.2	8,000	80
Copper	6010	8.5	9.9	2,500	25
Lead (total)	6010	<1.0	<1.0	1,000	5
Mercury	7471	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	3,500	350
Nickel	6010	9.8	13	2,000	20
Selenium	6010	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	700	7
Vanadium	6010	24	36	2,400	24
Zinc	6010	42	44	5,000	250
VOCs (1) (mg/kg)					
Ethylbenzene	8260	<0.050	1.700		
Total Xylenes	8260	0.150	4.800		
n-Propylbenzene	8260	<0.050	1.500		
1,3,5-Trimethylbenzene	8260	0.330	5.900		
1,2,4-Trimethylbenzene	8260	0.970	22.000		
n-Butylbenzene	8260	0.064	2.600		
Naphthalene	8260	2.700	97.000		
SVOCs (1) (mg/kg)					
Acenaphthene	8270	0.600	<2.000		
Anthracene	8270	1.100	6.200		
Benzo (a) Anthracene	8270	4.500	9.200		
Benzo (b) Fluoranthene	8270	5.100	<5.000		
Benzo (k) Fluoranthene	8270	3.100	<5.000		
Benzo (g,h,i) Perylene	8270	3.800	<5.000		
Benzo (a) Pyrene	8270	6.000	7.800		
Chrysene	8270	5.800	14.000		
Fluoranthene	8270	6.600	11.000		
Fluorene	8270	1.800	8.400		
Indeno (1,2,3-cd)Pyrene	8270	3.200	<5.000		
2-Methylnaphthalene	8270	17.000	160.000		
Naphthalene	8270	3.900	46.000		
Phenanthrene	8270	8.900	50.000		
Pyrene	8270	10.000	44.000		
Carbon Chain Range (mg/kg)	8015m	--	--		
PCBs (mg/kg)	8080	--	--		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation OA1-RE-9 Stockpile B

Analyte	EPA Method	Sample Number and Collection Date			Regulatory Limits	
		OA1-RE9-SP2 8/5/97	OA1-GS-6-3' 7/22/97	RR-GS-31-4' 6/4/97	TTLC (mg/kg)	STLC (mg/L)
TRPH (mg/kg)	418.1	1,100	13	86		
Title 22 Metals (mg/kg)						
Antimony	6010	<5.0	<5.0	<5.0	500	15
Arsenic	6010	<1.0	<1.0	<1.0	500	5
Barium	6010	110	86	140	10,000	100
Beryllium	6010	<0.1	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	<0.1	<0.1	100	1
Chromium (VI)	7196	<0.5	<0.5	<0.5	500	5
Chromium (total)	6010	22	22	36	2,500	5
Cobalt	6010	9.0	6.4	8.4	8,000	80
Copper	6010	12	9.3	12	2,500	25
Lead (total)	6010	<1.0	<1.0	<1.0	1,000	5
Mercury	7471	<0.01	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	<0.5	3,500	350
Nickel	6010	12	8.3	13	2,000	20
Selenium	6010	<1.0	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	<5.0	700	7
Vanadium	6010	27	28	41	2,400	24
Zinc	6010	40	30	46	5,000	250
VOCs (1) (mg/kg)						
Ethylbenzene	8260	0.210	<0.0025	--		
Total Xylenes	8260	0.430	<0.0025	--		
n-Propylbenzene	8260	0.220	<0.0025	--		
1,3,5-Trimethylbenzene	8260	1.300	<0.0025	--		
1,2,4-Trimethylbenzene	8260	4.200	<0.0025	--		
n-Butylbenzene	8260	0.390	<0.0025	--		
Naphthalene	8260	16.000	<0.0025	--		
SVOCs (1) (mg/kg)						
Acenaphthene	8270	0.940	<0.800	--		
Anthracene	8270	1.200	<0.800	--		
Benzo (a) Anthracene	8270	1.900	27.000	--		
Benzo (b) Fluoranthene	8270	<1.000	46.000	--		
Benzo (k) Fluoranthene	8270	<1.000	9.400	--		
Benzo (g,h,i) Perylene	8270	<1.000	11.000	--		
Benzo (a) Pyrene	8270	2.200	16.000	--		
Chrysene	8270	3.600	29.000	--		
Dibenz (a,h) Anthracene	8270	<0.400	3.400	--		
Fluoranthene	8270	0.890	41.000	--		
Fluorene	8270	2.700	<0.800	--		
Indeno (1,2,3-cd)Pyrene	8270	<1.000	11.000	--		
2-Methylnaphthalene	8270	38.000	<0.800	--		
Naphthalene	8270	10.000	<0.800	--		
Phenanthrene	8270	12.000	<0.800	--		
Pyrene	8270	8.200	48.000	--		
Carbon Chain Range (mg/kg)	8015m	--	--	--		
PCBs (mg/kg)	8080	--	--	ND		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration

(1) VOCs and SVOCs not listed were not detected

Analytical Data Summary
Remedial Excavation WL-RE-1 Stockpile A

Analyte	EPA Method	Sample Number and Collection Date: WL-RE1-SP1 8/13/97	WL-GS-1-2' 6/11/97	Regulatory Levels: TTLC (mg/kg)	STLC (mg/L)
TRPH (mg/kg)	418.1	520	3,000		
TPHd (mg/kg)	8015M	--	1,700		
TPHg (mg/kg)	8015M	--	280		
Title 22 Metals (mg/kg)					
Antimony	6010	<5.0	<5.0	500	15
Arsenic	6010	**53** (2)(3)	<1.0	500	5
Barium	6010	100	120	10,000	100
Beryllium	6010	<0.1	<0.1	75	0.75
Cadmium	6010	<0.1	<0.1	100	1
Chromium (VI)	7196	<0.5	<0.5	500	5
Chromium (total)	6010	25	31	2,500	5
Cobalt	6010	7.6	7.8	8,000	80
Copper	6010	11	13	2,500	25
Lead (total)	6010	<1.0	<1.0	1,000	5
Mercury	7471	<0.01	<0.01	20	0.2
Molybdenum	6010	<0.5	<0.5	3,500	350
Nickel	6010	11	12	2,000	20
Selenium	6010	<1.0	<1.0	100	1
Silver	6010	<0.1	<0.1	500	5
Thallium	6010	<5.0	<5.0	700	7
Vanadium	6010	31	36	2,400	24
Zinc	6010	40	44	5,000	250
VOCs (1) (mg/kg)					
Total Xylenes	8260	0.0039	0.770		
1,3,5-Trimethylbenzene	8260	0.011	1.500		
1,2,4-Trimethylbenzene	8260	<0.0025	1.000		
sec-Butylbenzene	8260	<0.0025	0.860		
p-Isopropyltoluene	8260	0.0098	1.400		
Naphthalene	8260	0.0056	<0.0025		
SVOCs (1) (mg/kg)					
2-Methylnaphthalene	8270	<0.100	0.220		
Pyrene	8270	<0.100	0.120		
Carbon Chain Range (mg/kg)					
Up to and including C12	8015m	--	450		
C13-C22	8015m	--	1,200		
C23 and higher	8015m	--	77		
PCBs (mg/kg)	8080	--	ND		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
TPHd = Total Petroleum Hydrocarbons as diesel
TPHg = Total Petroleum Hydrocarbons as gasoline

PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
(1) VOCs and SVOCs not listed were not detected
(2) Waste Extraction Test performed on this sample. Result was 1.6 mg/L.
(3) TCLP analysis performed on this sample. Result was <1.0 mg/L.

Analytical Data Summary
Remedial Excavation B36-RE-1 Stockpile C "Carve-out"

Analyte	EPA Method	Sample Number and Collection Date WL-GS-5-4' 6/23/97	Regulatory Levels TTLC (mg/kg)	Regulatory Levels STLC (mg/L)
TRPH (mg/kg)	418.1	260		
TPHd (mg/kg)	8015M	<8.0		
TPHg (mg/kg)	8015M	66		
Title 22 Metals (mg/kg)				
Antimony	6010	<5.0	500	15
Arsenic	6010	<1.0	500	5
Barium	6010	92	10,000	100
Beryllium	6010	<0.1	75	0.75
Cadmium	6010	<0.1	100	1
Chromium (VI)	7196	<0.5	500	5
Chromium (total)	6010	25	2,500	5
Cobalt	6010	6.9	8,000	80
Copper	6010	22	2,500	25
Lead (total)	6010	<1.0	1,000	5
Mercury	7471	<0.01	20	0.2
Molybdenum	6010	<0.5	3,500	350
Nickel	6010	12	2,000	20
Selenium	6010	<1.0	100	1
Silver	6010	<0.1	500	5
Thallium	6010	<5.0	700	7
Vanadium	6010	27	2,400	24
Zinc	6010	40	5,000	250
VOCs (mg/kg)	8260	ND		
SVOCs (1) (mg/kg)				
Benzo (a) Anthracene	8270	1.000		
Benzo (b) Fluoranthene	8270	1.400		
Benzo (k) Fluoranthene	8270	0.570		
Benzo (g,h,i) Perylene	8270	0.960		
Benzo (a) Pyrene	8270	1.300		
Chrysene	8270	1.200		
Dibenz (a,h) Anthracene	8270	0.250		
Fluoranthene	8270	1.500		
Indeno(1,2,3-cd)Pyrene	8270	0.890		
Phenanthrene	8270	0.390		
Pyrene	8270	1.200		
Carbon Chain Range (mg/kg)				
Up to and including C12	8015m	11		
C13-C22	8015m	27		
C23 and higher	8015m	28		
PCBs (mg/kg)	8080	ND		

mg/kg = milligrams per kilogram
mg/L = milligrams per liter
-- = not analyzed
ND = not detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
TRPH = Total Recoverable Petroleum Hydrocarbons
TPHd = Total Petroleum Hydrocarbons as diesel
TPHg = Total Petroleum Hydrocarbons as gasoline

PCBs = Polychlorinated biphenyls
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
(1) SVOCs not listed were not detected

Appendix B

MONTGOMERY WATSON

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

ontgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Analysis Method: 418.1

Sample Description: Soil

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-04-97
Reported: 06-04-97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Sample Result (mg/kg)*
97060085	PL-GS-1-2.5'	16,000
97060087	PL-GS-3-3'	18,000
Detection Limit:		8.0

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

-k Noorani
oratory Director

ORANGE COAST ANALYTICAL, INC.
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Avenue
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-04/06-97
Reported: 06-04/13-97

DIESEL ANALYSIS (EPA 8015m)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/kg)*
97060085	PL-GS-1-2.5'	38,000
97060087	PL-GS-3-3'	28,000
Detection Limit:		8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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..ontgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Avenue
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-04/09-97
Reported: 06-04/13-97

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (mg/kg) (ppm)*
97060085	PL-GS-1-2.5'	100
97060087	PL-GS-3-3'	47
Detection Limit:		5.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C14. Analytes reported as N.D. were not present above the stated limit of detection.

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Laboratory Director

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, PL-GS-1-2.5'

Laboratory Sample Number: 97060085
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-04-97
Reported: 06-04-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	96	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	1.4	<---
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	250	<---
Cobalt	6010	80	8000	0.5	6.0	<---
Copper	6010	25	2500	0.1	28	<---
Lead	6010	5.0	1000	1.0	290	<---
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	15	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	28	<---
Zinc	6010	250	5000	0.1	94	<---

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, PL-GS-3-3'

Laboratory Sample Number: 97060087
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-04-97
Reported: 06-04-97

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	100	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	120	<---
Cobalt	6010	80	8000	0.5	6.0	<---
Copper	6010	25	2500	0.1	28	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	10	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	24	<---
Zinc	6010	250	5000	0.1	60	<---

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, PL-GS-1-2.5'
Laboratory Sample Number: 97060085
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-04-97
Reported: 06-04-97

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULT (ug/kg)***	
Benzene	71-43-2	50	N.D.	
Bromodichloromethane	75-27-4	50	N.D.	
Bromoform	75-25-2	50	N.D.	
Bromomethane	74-83-9	50	N.D.	
Carbon Disulfide	75-15-0	100	N.D.	
Carbon tetrachloride	56-23-5	50	N.D.	
Chlorobenzene	108-90-7	50	N.D.	
Chlorodibromomethane	124-48-1	50	N.D.	
Chloroethane	75-00-3	50	N.D.	
2-Chloroethyl vinyl ether	110-75-8	100	N.D.	
Chloroform	67-66-3	50	N.D.	
Chloromethane	74-87-3	50	N.D.	
1,1-Dichloroethane	75-35-3	50	N.D.	
1,2-Dichloroethane	107-06-2	50	N.D.	
1,1-Dichloroethene	75-35-4	50	N.D.	
Trans 1,2-Dichloroethene	156-60-5	50	N.D.	
1,2-Dichloropropane	78-87-5	50	N.D.	
cis-1,3-Dichloropropene	10061-01-5	50	N.D.	
trans-1,3-Dichloropropene	10061-02-6	50	N.D.	
Ethylbenzene	100-41-4	50	270	<---
Methylene chloride	75-09-2	100	N.D.	
Styrene	100-42-5	50	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.	
Tetrachloroethene	127-18-4	50	N.D.	
Toluene	108-88-3	50	N.D.	
1,1,1-Trichloroethane	71-55-6	50	N.D.	
1,1,2-Trichloroethane	79-00-5	50	N.D.	
Trichloroethene	79-01-6	50	N.D.	
Trichlorofluoromethane	75-69-4	100	N.D.	
Vinyl acetate	108-05-4	100	N.D.	
Vinyl chloride	75-01-4	50	N.D.	
Total Xylenes	1330-20-7	50	140	<---
Dichlorofluoromethane	75-71-8	50	N.D.	
cis-1-2,-Dichloroethane	156-59-4	50	N.D.	
2,2-Dichloropropane	590-20-7	50	N.D.	
Bromochloromethane	74-97-5	50	N.D.	
1,1-Dichloropropene	563-58-6	50	N.D.	
1,2-Dichloropropane	78-87-5	50	N.D.	
Dibromomethane	74-95-3	50	N.D.	
trans-1,3-Dichloropropane	10061-02-6	50	N.D.	
1,1,2-Trichloroethane	79-00-5	50	N.D.	
1,2-Dibromoethane	106-93-4	50	N.D.	

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Sample Description: Soil, PL-GS-1-2.5'

Laboratory Sample Number: 97060085

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION LIMIT (ug/kg)	SAMPLE RESULT (ug/kg)	
1,3-Dichloropropane	142-28-9	50	N.D.	
Dibromochloromethane	124-48-1	50	N.D.	
Isopropylbenzene	98-82-8	50	100	<---
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.	
1,2,3-Trichloropropane	96-18-4	50	N.D.	
Bromobenzene	108-86-1	50	N.D.	
n-Propylbenzene	103-65-1	50	190	<---
2-Chlorotoluene	95-49-8	50	N.D.	
1,3,5-Trimethylbenzene	108-67-8	50	210	<---
4-Chlorotoluene	106-43-4	50	N.D.	
tert-Butylbenzene	98-06-6	50	N.D.	
1,2,4-Trimethylbenzene	95-63-6	50	350	<---
sec-Butylbenzene	135-98-8	50	130	<---
4-Isopropyltoluene	99-87-6	50	N.D.	
1,3-Dichlorobenzene	541-73-1	50	N.D.	
1,4-Dichlorobenzene	106-46-7	50	N.D.	
n-Butylbenzene	104-51-8	50	N.D.	
1,2-Dichlorobenzene	95-50-1	50	N.D.	
1-2-Dibromo-2-CPA	96-12-8	100	N.D.	
1,2,4-Trichlorobenzene	120-82-1	50	N.D.	
Hexachlorobutadiene	87-68-3	50	N.D.	
Naphthalene	91-20-3	50	1300	<---
1,2,3-Trichlorobenzene	87-61-6	50	N.D.	

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

Surrogate Recoveries	*%*
Dibromofluoromethane	*95*
Toluene-d8	*97*
4-Bromofluorobenbzene	*100*

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, PL-GS-3-3'
Laboratory Sample Number: 97060087
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-04-97
Reported: 06-04-97

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULT (ug/kg)***
Benzene	71-43-2	100	N.D.
Bromodichloromethane	75-27-4	100	N.D.
Bromoform	75-25-2	100	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	200	N.D.
Carbon tetrachloride	56-23-5	100	N.D.
Chlorobenzene	108-90-7	100	N.D.
Chlorodibromomethane	124-48-1	100	N.D.
Chloroethane	75-00-3	100	N.D.
2-Chloroethyl vinyl ether	110-75-8	200	N.D.
Chloroform	67-66-3	100	N.D.
Chloromethane	74-87-3	100	N.D.
1,1-Dichloroethane	75-35-3	100	N.D.
1,2-Dichloroethane	107-06-2	100	N.D.
1,1-Dichloroethene	75-35-4	100	N.D.
Trans 1,2-Dichloroethene	156-60-5	100	N.D.
1,2-Dichloropropane	78-87-5	100	N.D.
cis-1,3-Dichloropropene	10061-01-5	100	N.D.
trans-1,3-Dichloropropene	10061-02-6	100	N.D.
Ethylbenzene	100-41-4	100	N.D.
Methylene chloride	75-09-2	200	N.D.
Styrene	100-42-5	100	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.
Tetrachloroethene	127-18-4	100	N.D.
Toluene	108-88-3	100	N.D.
1,1,1-Trichloroethane	71-55-6	100	N.D.
1,1,2-Trichloroethane	79-00-5	100	N.D.
Trichloroethene	79-01-6	100	N.D.
Trichlorofluoromethane	75-69-4	200	N.D.
Vinyl acetate	108-05-4	200	N.D.
Vinyl chloride	75-01-4	100	N.D.
Total Xylenes	1330-20-7	100	N.D.
Dichlorofluoromethane	75-71-8	100	N.D.
cis-1-2,-Dichloroethane	156-59-4	100	N.D.
2,2-Dichloropropane	590-20-7	100	N.D.
Bromochloromethane	74-97-5	100	N.D.
1,1-Dichloropropene	563-58-6	100	N.D.
1,2-Dichloropropane	78-87-5	100	N.D.
Dibromomethane	74-95-3	100	N.D.
trans-1,3-Dichloropropane	10061-02-6	100	N.D.
1,1,2-Trichloroethane	79-00-5	100	N.D.
1,2-Dibromoethane	106-93-4	100	N.D.

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Sample Description: Soil, PL-GS-3-3'

Laboratory Sample Number: 97060087

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION LIMIT (ug/kg)	SAMPLE RESULT (ug/kg)	
1,3-Dichloropropane	142-28-9	100	N.D.	
Dibromochloromethane	124-48-1	100	N.D.	
Isopropylbenzene	98-82-8	100	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.	
1,2,3-Trichloropropane	96-18-4	100	N.D.	
Bromobenzene	108-86-1	100	N.D.	
n-Propylbenzene	103-65-1	100	N.D.	
2-Chlorotoluene	95-49-8	100	N.D.	
1,3,5-Trimethylbenzene	108-67-8	100	240	<---
4-Chlorotoluene	106-43-4	100	N.D.	
tert-Butylbenzene	98-06-6	100	N.D.	
1,2,4-Trimethylbenzene	95-63-6	100	640	<---
sec-Butylbenzene	135-98-8	100	200	<---
4-Isopropyltoluene	99-87-6	100	190	<---
1,3-Dichlorobenzene	541-73-1	100	N.D.	
1,4-Dichlorobenzene	106-46-7	100	N.D.	
n-Butylbenzene	104-51-8	100	N.D.	
1,2-Dichlorobenzene	95-50-1	100	N.D.	
1-2-Dibromo-2-CPA	96-12-8	200	N.D.	
1,2,4-Trichlorobenzene	120-82-1	100	N.D.	
Hexachlorobutadiene	87-68-3	100	N.D.	
Naphthalene	91-20-3	100	3800	<---
1,2,3-Trichlorobenzene	87-61-6	100	N.D.	

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

Surrogate Recoveries	*%*
Dibromofluoromethane	*97*
Toluene-d8	*97*
4-Bromofluorobenbzene	*96*

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-13-97

Sample Description: Soil, PL-GS-1-2.5'
Laboratory Sample #: 97060085
Laboratory Reference #: MWI 9144

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Acenaphthene	83-32-9	1000	2,100 <---
Acenaphthylene	208-96-8	1000	N.D.
Aniline	62-53-3	1000	N.D.
Anthracene	120-12-7	1000	5,600 <---
Benzidine	92-87-5	5000	N.D.
Benzoic Acid	65-85-0	2500	N.D.
Benzo(a)anthracene	56-55-3	1000	15,000 <---
Benzo(b)fluoranthene	205-99-2	2500	23,000 <---
Benzo(k)fluoranthene	207-08-9	2500	7,200 <---
Benzo(g,h,i)perylene	191-24-2	2500	10,000 <---
Benzo(a)pyrene	50-32-8	2500	13,000 <--
Benzyl alcohol	100-51-6	1000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	1000	N.D.
Bis(2-chloroethyl)ether	111-44-4	1000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	1000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	1000	N.D.
4-Bromophenyl phenyl ether	101-55-3	1000	N.D.
Butyl benzyl phthalate	85-68-7	1000	N.D.
4-Chloroaniline	106-47-8	1000	N.D.
2-Chloronaphthalene	91-58-7	1000	N.D.
4-Chloro-3-methylphenol	59-50-7	1000	N.D.
2-Chlorophenol	95-57-8	1000	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	1000	N.D.
Chrysene	218-0109	1000	30,000 <---
Dibenz(a,h)anthracene	53-70-3	1000	N.D.
Dibenzofuran	132-64-9	1000	N.D.
Di-n-butyl phthalate	84-74-2	2500	N.D.
1,3-Dichlorobenzene	541-73-1	1000	N.D.
1,4-Dichlorobenzene	106-46-7	1000	N.D.
1,2-Dichlorobenzene	95-50-1	1000	N.D.
3,3'-Dichlorobenzidine	91-94-1	1000	N.D.
2,4-Dichlorophenol	120-83-2	1000	N.D.
Diethyl phthalate	84-66-2	1000	N.D.
2,4-Dimethylphenol	105-67-9	1000	N.D.
Dimethyl phthalate	131-11-3	1000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	1000	N.D.
2,4-Dinitrophenol	51-28-5	1000	N.D.

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SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270) (continued)

Sample Description: Soil, PL-GS-1-2.5'
Laboratory Sample #: 97060085

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
2,4-Dinitrotoluene	121-14-2	2500	N.D.
2,6-Dinitrotoluene	606-20-2	2500	N.D.
Di-n-octyl phthalate	117-84-0	2500	N.D.
Fluoranthene	206-44-0	1000	30,000 <---
Fluorene	86-73-7	1000	5,600 <---
Hexachlorobenzene	118-74-1	1000	N.D.
Hexachlorobutadiene	87-68-3	1000	N.D.
Hexachlorocyclopentadiene	77-47-4	1000	N.D.
Hexachloroethane	67-72-1	1000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	2500	6,300 <---
Isophorone	78-59-1	1000	N.D.
2-Methylnaphthalene	91-57-6	1000	8,200 <---
2-Methylphenol	95-48-7	1000	N.D.
4-Methylphenol	106-44-5	1000	N.D.
Naphthalene	91-20-3	1000	1,400 <---
2-Nitroaniline	88-74-4	2500	N.D.
3-Nitroaniline	99-09-2	2500	N.D.
4-Nitroaniline	100-01-6	2500	N.D.
Nitrobenzene	98-95-3	1000	N.D.
2-Nitrophenol	88-75-5	1000	N.D.
4-Nitrophenol	100-02-7	1000	N.D.
N-Nitrosodiphenylamine	86-30-6	1000	N.D.
N-Nitroso-di-n-propylamine	621-64-7	1000	N.D.
N-Nitrosodimethylamine	62-75-9	1000	N.D.
Pentachlorophenol	87-86-5	2500	N.D.
Phenanthrene	85-01-8	1000	36,000 <---
Phenol	108-95-2	1000	N.D.
Pyrene	129-00-0	1000	72,000 <---
1,2,4-Trichlorobenzene	120-82-1	1000	N.D.
2,4,5-Trichlorophenol	95-95-4	1000	N.D.
2,4,6-Trichlorophenol	88-06-2	1000	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-13-97

Sample Description: Soil, PL-GS-3-3'
Laboratory Sample #: 97060087
Laboratory Reference #: MWI 9144

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Acenaphthene	83-32-9	1000	N.D.
Acenaphthylene	208-96-8	1000	N.D.
Aniline	62-53-3	1000	N.D.
Anthracene	120-12-7	1000	N.D.
Benzidine	92-87-5	5000	N.D.
Benzoic Acid	65-85-0	2500	N.D.
Benzo(a)anthracene	56-55-3	1000	1,600 <---
Benzo(b)fluoranthene	205-99-2	2500	N.D.
Benzo(k)fluoranthene	207-08-9	2500	N.D.
Benzo(g,h,i)perylene	191-24-2	2500	N.D.
Benzo(a)pyrene	50-32-8	2500	N.D.
Benzyl alcohol	100-51-6	1000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	1000	N.D.
Bis(2-chloroethyl)ether	111-44-4	1000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	1000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	1000	N.D.
4-Bromophenyl phenyl ether	101-55-3	1000	N.D.
Butyl benzyl phthalate	85-68-7	1000	N.D.
4-Chloroaniline	106-47-8	1000	N.D.
2-Chloronaphthalene	91-58-7	1000	N.D.
4-Chloro-3-methylphenol	59-50-7	1000	N.D.
2-Chlorophenol	95-57-8	1000	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	1000	N.D.
Chrysene	218-0109	1000	2,600 <---
Dibenz(a,h)anthracene	53-70-3	1000	N.D.
Dibenzofuran	132-64-9	1000	N.D.
Di-n-butyl phthalate	84-74-2	2500	N.D.
1,3-Dichlorobenzene	541-73-1	1000	N.D.
1,4-Dichlorobenzene	106-46-7	1000	N.D.
1,2-Dichlorobenzene	95-50-1	1000	N.D.
3,3'-Dichlorobenzidine	91-94-1	1000	N.D.
2,4-Dichlorophenol	120-83-2	1000	N.D.
Diethyl phthalate	84-66-2	1000	N.D.
2,4-Dimethylphenol	105-67-9	1000	N.D.
Dimethyl phthalate	131-11-3	1000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	1000	N.D.
2,4-Dinitrophenol	51-28-5	1000	N.D.

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SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270) (continued)

Sample Description: Soil, PL-GS-3-3'
Laboratory Sample #: 97060087

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
2,4-Dinitrotoluene	121-14-2	2500	N.D.
2,6-Dinitrotoluene	606-20-2	2500	N.D.
Di-n-octyl phthalate	117-84-0	2500	N.D.
Fluoranthene	206-44-0	1000	N.D.
Fluorene	86-73-7	1000	3,700 <---
Hexachlorobenzene	118-74-1	1000	N.D.
Hexachlorobutadiene	87-68-3	1000	N.D.
Hexachlorocyclopentadiene	77-47-4	1000	N.D.
Hexachloroethane	67-72-1	1000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	2500	N.D.
Isophorone	78-59-1	1000	N.D.
2-Methylnaphthalene	91-57-6	1000	8,900 <---
2-Methylphenol	95-48-7	1000	N.D.
4-Methylphenol	106-44-5	1000	N.D.
Naphthalene	91-20-3	1000	1,000 <---
2-Nitroaniline	88-74-4	2500	N.D.
3-Nitroaniline	99-09-2	2500	N.D.
4-Nitroaniline	100-01-6	2500	N.D.
Nitrobenzene	98-95-3	1000	N.D.
2-Nitrophenol	88-75-5	1000	N.D.
4-Nitrophenol	100-02-7	1000	N.D.
N-Nitrosodiphenylamine	86-30-6	1000	N.D.
N-Nitroso-di-n-propylamine	621-64-7	1000	N.D.
N-Nitrosodimethylamine	62-75-9	1000	N.D.
Pentachlorophenol	87-86-5	2500	N.D.
Phenanthrene	85-01-8	1000	11,000 <---
Phenol	108-95-2	1000	N.D.
Pyrene	129-00-0	1000	5,600 <---
1,2,4-Trichlorobenzene	120-82-1	1000	N.D.
2,4,5-Trichlorophenol	95-95-4	1000	N.D.
2,4,6-Trichlorophenol	88-06-2	1000	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, PL-GS-1-2.5'
Laboratory Sample #: 97060085
Laboratory Reference #: MWI 9144

Sampled: 06/03/97
Recevied: 06/03/97
Analyzed: 06/04/97
Reported: 06/04/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	1,500
C 13-22	31,000
C 23 & Higher	7,900

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, PL-GS-3-3'
Laboratory Sample #: 97060087
Laboratory Reference #: MWI 9144

Sampled: 06/03/97
Recevied: 06/03/97
Analyzed: 06/04/97
Reported: 06/04/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	2,000
C 13-22	23,000
C 23 & Higher	3,100

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, PL-GS-1-2.5'

Laboratory Sample Number: 97060085
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-12-97

PCB'S (EPA 8080)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, PL-GS-3-3'

Laboratory Sample Number: 97060087
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-12-97

PCB'S (EPA 8080)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-11-97
Reported: 06-12-97

STLC CHROMIUM (TITLE 22/EPA 6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (mg/l)*
97060085	PL-GS-1-2.5'	4.5
Detection Limit:		0.1

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-11-97
Reported: 06-12-97

STLC LEAD (TITLE 22/EPA 6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (mg/l)*
97060085	PL-GS-1-2.5'	1.8
Detection Limit:		1.0

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

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-11-97
Reported: 06-12-97

STLC CHROMIUM (TITLE 22/EPA 6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (mg/l)*
97060087	PL-GS-3-3'	2.8
Detection Limit:		0.1

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-09-97
Reported: 06-13-97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Sample Result (mg/l)*
97060088	Equip Blank	N.D.
97060089	Rinsate Blank	N.D.
Detection Limit:		0.5

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Avenue
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-13-97

DIESEL ANALYSIS (EPA 8015m)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/l)*
97060088	Equip Blank	N.D.
97060089	Rinsate Blank	N.D.

Detection Limit: 0.5

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Avenue
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method:

Sample Description: Water

Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-06-97
Reported: 06-13-97

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (ug/l) (ppb)*
97060088	Equip Blank	N.D.
97060089	Rinsate Blank	N.D.
Detection Limit:		50

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C14. Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Laboratory Sample Number: 97060088
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-04-97
Reported: 06-13-97

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium (Total)	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Laboratory Sample Number: 97060089
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-04-97
Reported: 06-13-97

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium (Total)	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060088
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-06-97
Reported: 06-13-97

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/l)***	***SAMPLE RESULT (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethane	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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Sample Description: Water, Equip Blank

Laboratory Sample Number: 97060088

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/l)*	*SAMPLE RESULT (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Dibromochloromethane	124-48-1	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-2-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

ORANGE COAST ANALYTICAL

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Laboratory Director

Surrogate Recoveries	*%*
Dibromofluoromethane	*101*
Toluene-d8	*101*
4-Bromofluorobenzene	*101*

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060089
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-06-97
Reported: 06-13-97

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/l)*	*SAMPLE RESULT (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethane	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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Sample Description: Water, Rinsate Blank

Laboratory Sample Number: 97060089

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION LIMIT (ug/l)	SAMPLE RESULT (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Dibromochloromethane	124-48-1	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-2-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

Surrogate Recoveries	*%*
Dibromofluoromethane	*99*
Toluene-d8	*98*
4-Bromofluorobenzene	*100*

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97060090
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-06-97
Reported: 06-13-97

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/l)*	*SAMPLE RESULT (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethane	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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Sample Description: Water, Trip Blank

Laboratory Sample Number: 97060090

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/l)*	*SAMPLE RESULT (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Dibromochloromethane	124-48-1	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-2-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

Surrogate Recoveries	*%*
Dibromofluoromethane	*103*
Toluene-d8	*98*
4-Bromofluorobenzene	*100*

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060088
Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-06-97
Reported: 06-13-97

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/l*	*SAMPLE RESULTS ug/l*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzidine	92-87-5	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo(a)anthracene	56-55-3	5.0	N.D.
Benzo(b)fluoranthene	205-99-2	25	N.D.
Benzo(k)fluoranthene	207-08-9	25	N.D.
Benzo(g,h,i)perylene	191-24-2	25	N.D.
Benzo(a)pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060088

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/l*	*SAMPLE RESULTS ug/l*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
[illegible]ethylphenol	106-44-5	5.0	N.D.
[illegible]phthalene	91-20-3	50	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	5.0	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060089
Laboratory Reference #: MWI 9144

Sampled : 06-03-97
Received: 06-03-97
Analyzed: 06-06-97
Reported: 06-13-97

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/l*	*SAMPLE RESULTS ug/l*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzidine	92-87-5	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo(a)anthracene	56-55-3	5.0	N.D.
Benzo(b)fluoranthene	205-99-2	25	N.D.
Benzo(k)fluoranthene	207-08-9	25	N.D.
Benzo(g,h,i)perylene	191-24-2	25	N.D.
Benzo(a)pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060089

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/l*	*SAMPLE RESULTS ug/l*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
[illegible]ethylphenol	106-44-5	5.0	N.D.
[illegible]phthalene	91-20-3	50	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	5.0	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Laboratory Sample Number: 97060088
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-13-97

ORGANOCHLORINE PESTICIDES (EPA 8080)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
delta-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Laboratory Sample Number: 97060089
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-13-97

ORGANOCHLORINE PESTICIDES (EPA 8080)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
delta-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Laboratory Sample Number: 97060088
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-13-97

PCB'S (EPA 8080)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Laboratory Sample Number: 97060089
Laboratory Reference #: MWI 9144

Sampled: 06-03-97
Received: 06-03-97
Analyzed: 06-10-97
Reported: 06-13-97

PCB'S (EPA 8080)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/05/97
Laboratory Sample No : 97060006
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	240	210	96	84	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	17	16	85	80	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals (EPA 6010)

Date of Analysis : 06/11/97
Laboratory Sample No : 97060014
Laboratory Reference No : MWI 9144

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Chromium	0.28	1.00	1.25	1.22	97	94	2
Lead	0.0	10.0	8.7	8.8	87	88	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 06/06/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	56	55	56	55	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 06/04/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	106	111	106	111	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/06/97
Laboratory Sample No : 97060020
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	19	100	95	5
1,1-Dichloroethene	0.0	20	20	19	100	95	5
Trichloroethene	0.0	20	19	18	95	90	5
Toluene	0.0	20	21	19	105	95	10
Chlorobenzene	0.0	20	19	19	95	95	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/04/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	52	104	104	0
1,1-Dichloroethene	0.0	50	53	56	106	112	6
Trichloroethene	0.0	50	56	57	112	114	2
Toluene	0.0	50	50	51	100	102	2
Chlorobenzene	0.0	50	50	51	100	102	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/09/97
Laboratory Sample No : 97060010
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	48	47	96	94	2
1,1-Dichloroethene	0.0	50	44	42	88	84	5
Trichloroethene	0.0	50	45	46	90	92	2
Toluene	0.0	50	48	48	96	96	0
Chlorobenzene	0.0	50	48	47	96	94	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/04/97
Laboratory Sample No : 97060005
Laboratory Reference No : MWI 9144

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	100	99	95	99	95	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9144

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.1	2.0	84	80	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 06/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.6	2.9	72	58	22

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/06/97
Laboratory Sample No : 97060018
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	280	250	112	100	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/04/97
Laboratory Sample No : 97060023
Laboratory Reference No : MWI 9144

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	40	33	80	66	19

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/09/97
Laboratory Sample No : 97060127
Laboratory Reference No : MWI 9144

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	60	50	120	100	18

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/06/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9144

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	33	34	66	68	3
n-Nitroso-di-n-propylamine	0.0	50	44	41	88	82	7
1,2,4-Trichlorobenzene	0.0	50	33	34	66	68	3
Acenaphthene	0.0	50	41	43	82	86	5
Pyrene	0.0	50	39	40	78	80	3
Pentachlorophenol	0.0	100	69	73	69	73	6
4-Chloro-3-Methylphenol	0.0	100	52	54	52	54	4
2-Chlorophenol	0.0	100	75	74	75	74	1
Phenol	0.0	100	26	25	26	25	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/05/97
Laboratory Sample No : 97060080
Laboratory Reference No : MWI 9144

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	43	44	86	88	2
n-Nitroso-di-n-propylamine	0.0	50	43	41	86	82	5
1,2,4-Trichlorobenzene	0.0	50	42	42	84	84	0
Acenaphthene	0.0	50	45	45	90	90	0
Pyrene	0.0	50	41	43	82	86	5
Pentachlorophenol	0.0	100	81	80	81	80	1
4-Chloro-3-Methylphenol	0.0	100	71	70	71	70	1
2-Chlorophenol	0.0	100	83	84	83	84	1
Phenol	0.0	100	75	76	75	76	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/10/97
Laboratory Sample No : 97060253
Laboratory Reference No : MWI 9144

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	44	41	88	82	7
n-Nitroso-di-n-propylamine	0.0	50	44	41	88	82	7
1,2,4-Trichlorobenzene	0.0	50	42	39	84	78	7
Acenaphthene	0.0	50	45	42	90	84	7
Pyrene	0.0	50	43	41	86	82	5
Pentachlorophenol	0.0	100	76	69	76	69	10
4-Chloro-3-Methylphenol	0.0	100	67	63	67	63	6
2-Chlorophenol	0.0	100	84	80	84	80	5
Phenol	0.0	100	76	72	76	72	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/04/97
Laboratory Sample No : 97050559
Laboratory Reference No : MWI 9144

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.80	3.20	93	107	13
Arsenic	0.00	1.00	1.04	1.09	104	109	5
Barium	0.021	0.100	0.121	0.115	100	94	5
Beryllium	0.00	0.100	0.103	0.098	103	98	5
Cadmium	0.00	0.100	0.119	0.112	119	112	6
Chromium (VI)	0.00	0.50	0.51	0.48	102	96	6
Chromium (Total)	0.00	0.100	0.097	0.085	97	85	13
Cobalt	0.00	0.100	0.116	0.105	116	105	10
Copper	0.073	0.100	0.168	0.171	95	98	2
Lead	0.00	1.00	1.19	1.19	119	119	0
Mercury	0.000	0.020	0.021	0.020	105	100	5
Molybdenum	0.00	1.00	1.13	1.08	113	108	5
Nickel	0.00	0.50	0.50	0.51	100	102	2
Selenium	0.00	1.00	1.06	1.20	106	120	12
Silver *	0.00	0.50	0.36	0.35	72	70	3
Thallium	0.00	3.00	2.30	2.40	77	80	4
Vanadium	0.16	0.50	0.62	0.64	92	96	3
Zinc	0.039	0.100	0.129	0.137	90	98	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

Matrix interference *

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/04/97
Laboratory Sample No : 97060087
Laboratory Reference No : MWI 9144

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	28.0	31.0	93	103	10
Arsenic	0.0	10.0	9.4	8.9	94	89	5
Barium	9.6	10.0	19.0	19.0	94	94	0
Beryllium	0.00	1.00	0.98	0.92	98	92	6
Cadmium	0.00	1.00	1.01	1.06	101	106	5
Chromium (Total)	12.0	5.0	16.0	16.0	80	80	0
Chromium (VI)	0.00	1.00	0.84	0.85	84	85	1
Cobalt	0.60	1.00	1.60	1.45	100	85	10
Copper	2.80	1.00	3.70	3.60	90	80	3
Lead	0.0	10.0	10.7	10.1	107	101	6
Mercury	0.000	0.020	0.018	0.021	90	105	15
Molybdenum	0.0	10.0	10.0	10.2	100	102	2
Nickel	1.00	5.00	6.40	6.20	108	104	3
Selenium	0.0	10.0	11.3	11.7	113	117	3
Silver	0.0	5.0	4.3	4.0	86	80	7
Thallium	0.0	30.0	24.0	28.0	80	93	15
Vanadium	2.4	5.0	7.3	7.1	98	94	3
Zinc	6.0	5.0	10.0	10.3	80	86	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Laboratory Director

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 06/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9144

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	1.00	0.90	100	90	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Tustin, CA 92680
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Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

24 hr TAT on Soil TRPH; Rush 24 hr TAT as noted below; Standard [illegible]
REQUIRED TAT: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	Mc Donnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	Bldg. 37 Area
		ADDRESS:	19503 S. Normandie Ave. Los Angeles, CA
PHONE:	818-568-6582 FAX: 818-796-5941	SAMPLED BY:	AWN/IV/NLM

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	VOCs 8260	SVOCs 8270	Carbon Chain	Metals (Title 22)	8015 gas	8015 diesel	PCBs 8080	Pesticides 8080	REMARKS/PRECAUTIONS
RR-GS-13-4'	2	6/3/97	0747	SOIL	2"x6" SS sleeve	ICE	X	X	X	X	X	X	X	X		
RR-GS-13-9'	2		0756				X	X	X	X	X	X	X	X		
RR-GS-14-8'	2		0817				X	X	X	X	X			X		
RR-GS-15-8'	2		0838				X	X	X	X	X			X		
RR-GS-16-4'	2		0855				X	X	X	X	X			X		
RR-GS-16-7'	2		0900				X	X	X	X	X			X		
RR-GS-17-6'	2		0915				X	X	X	X	X			X		
RR-GS-18-8'	2		0938				X	X	X	X	X			X		
PL-GS-1-2.5'	2		1610				X	X		X	X	X	X			Rush 24 hr TAT
PL-GS-2-2.5'	2		1620				X	X		X	X	X	X			Rush 24 hr TAT
PL-GS-3-3'	2		1630				X	X		X	X	X	X			Rush 24 hr TAT
Equipment Blank	8		1638	Water	5 amber 1 poly 2 VOAs	none HNO3 HCl	X	X	X	X	X			X	X	
Rinsate Blank	8		1645				X	X	X	X	X			X	X	
Trip Blank	2		—		2 VOAs	HCl		X								

Total No. of Samples: 14

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Adam W. Vanes	6/3/97 1735		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[signature]	6/3/97 17:35

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
Intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6508
Fax: 818 796 5941

Date: 6/5/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please perform the California Waste Extraction Test (WET) on the following samples only for the indicated constituents on standard turn-around time:

PL-GS-1-2.5' for Chromium (total) and Lead (total)
PL-GS-3-3' for Chromium (total)

Please delete the carbon chain analysis, and add TPHd (8015M) and TPHg (8015M) for the following samples on standard turn-around time:

Equipment Blank (collected 6/3/97)
Rinsate Blank (collected 6/3/97)

Additionally, please add TPHg (8015M) for the following samples on standard turn-around time:

Equipment Blank (collected 6/2/97)
Rinsate Blank (collected 6/2/97)

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

FAX

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6508
Fax: 818 796 5941

Date: 6/9/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please run the following samples for SVOCs (8270) and PCBs (8080) on RUSH turn-around time:

PL-GS-1-2.5'
PL-GS-2-2.5'
PL-GS-3-3'

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

TOTAL P.01

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 06/04/97
Sample Description: Soil
Recevied: 06/04/97
Analyzed: 06/05/97
Laboratory Reference #: MWI 9149
Reported: 06/17/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97060113	RR-GS-31-4'	86

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, RR-GS-31-4'

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/09/97
Reported: 06/17/97

Laboratory Sample Number: 97060113
Laboratory Reference #: MWI 9149

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	140
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	36
Cobalt	6010	80	8000	0.5	8.4
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	13
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	41
Zinc	6010	250	5000	0.1	46

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, RR-GS-31-4'

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/06/97
Reported: 06/17/97

Laboratory Sample Number: 97060113
Laboratory Reference #: MWI 9149

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9149

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/09/97
Reported: 06/17/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97060115	Equip Blank	N.D.
97060116	Rinsate Blank	N.D.

Detection Limit:	0.5

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9149

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/l)*
97060115	Equip Blank	N.D.
97060116	Rinsate Blank	N.D.

Detection Limit:	0.5

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

ORANGE COAST ANALYTICAL

Mark Noorani

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9149

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/06/97
Reported: 06/17/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (ug/l) (ppb)*
97060115	Equip Blank	N.D.
97060116	Rinsate Blank	N.D.

Detection Limit:	50

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

Laboratory Sample Number: 97060115
Laboratory Reference #: MWI 9149

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

Laboratory Sample Number: 97060116
Laboratory Reference #: MWI 9149

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060115
Laboratory Reference #: MWI 9149

Sampled: 06/04/97
Received: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060115

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	97
Toluene-d8	105
4-Bromofluorobenzene	98

ORANGE COAST ANALYTICAL, INC.
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060116
Laboratory Reference #: MWI 9149

Sampled: 06/04/97
Received: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060116

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	98
Toluene-d8	103
4-Bromofluorobenzene	100

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97060117
Laboratory Reference #: MWI 9149

Sampled: 06/04/97
Received: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97060117

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	97
Toluene-d8	104
4-Bromofluorobenzene	99

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060115
Laboratory Reference #: MWI 9149

Sampled: 06/04/97
Received: 06/04/97
Analyzed: 06/06/97
Reported: 06/17/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060115

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 06/04/97
Received: 06/04/97
Analyzed: 06/06/97
Reported: 06/17/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060116
Laboratory Reference #: MWI 9149

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060116

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Orange Coast Analytical

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

Laboratory Sample Number: 97060115
Laboratory Reference #: MWI 9149

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

Laboratory Sample Number: 97060116
Laboratory Reference #: MWI 9149

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

Laboratory Sample Number: 97060115
Laboratory Reference #: MWI 9149

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/04/97
Recevied: 06/04/97
Analyzed: 06/10/97
Reported: 06/17/97

Laboratory Sample Number: 97060116
Laboratory Reference #: MWI 9149

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9149

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.6	2.9	72	58	22

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/12/97
Laboratory Sample No : 97060101
Laboratory Reference No : MWI 9149

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	87	90	87	90	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/09/97
Laboratory Sample No : 97060208
Laboratory Reference No : MWI 9149

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	35.0	32.0	117	107	9
Arsenic	0.0	10.0	9.0	8.0	90	80	12
Barium	11.0	10.0	23.0	23.0	120	120	0
Beryllium	0.00	1.00	1.03	1.01	103	101	2
Cadmium	0.00	1.00	1.05	0.98	105	98	7
Chromium (Total)	3.5	5.0	8.6	8.7	102	104	1
Chromium (VI)	0.00	1.00	1.01	1.06	101	106	5
Cobalt	0.82	1.00	1.90	1.93	108	111	2
Copper	3.70	1.00	4.51	4.66	81	96	3
Lead	0.0	10.0	8.5	9.4	85	94	10
Mercury	0.000	0.020	0.020	0.020	100	100	0
Molybdenum	0.0	10.0	10.2	10.5	102	105	3
Nickel	1.50	5.00	6.80	6.50	106	100	5
Selenium	0.0	10.0	10.2	9.8	102	98	4
Silver	0.0	5.0	4.1	4.1	82	82	0
Thallium	0.0	30.0	27.0	27.0	90	90	0
Vanadium	3.0	5.0	8.2	7.7	104	94	6
Zinc	6.2	5.0	11.5	11.4	106	104	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/9/97
Laboratory Sample No : 97060114
Laboratory Reference No : MWI 9149

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	31.0	30.0	103	100	3
Arsenic *	0.0	10.0	4.1	4.9	41	49	18
Barium	13.0	10.0	24.0	24.0	110	110	0
Beryllium	0.00	1.00	0.98	0.96	98	96	2
Cadmium	0.00	1.00	1.03	0.92	103	92	11
Chromium (Total)	3.1	5.0	8.1	7.7	100	92	5
Chromium (VI)	0.00	1.00	0.91	0.85	91	85	7
Cobalt	0.74	1.00	1.70	1.81	96	107	6
Copper	0.92	1.00	1.83	1.87	91	95	2
Lead	0.0	10.0	8.1	8.2	81	82	1
Mercury	0.000	0.020	0.021	0.020	105	100	5
Molybdenum	0.0	10.0	10.4	9.8	104	98	6
Nickel	1.30	5.00	6.40	5.90	102	92	8
Selenium	0.0	10.0	11.5	10.6	115	106	8
Silver	0.0	5.0	4.0	4.0	80	80	0
Thallium	0.0	30.0	24.0	24.0	80	80	0
Vanadium	3.5	5.0	8.8	8.2	106	94	7
Zinc	4.1	5.0	9.0	9.5	98	108	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

Matrix interference *

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/10/97
Laboratory Sample No : 97060115
Laboratory Reference No : MWI 9149

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.00	3.00	100	100	0
Arsenic	0.00	1.00	1.00	0.85	100	85	16
Barium	0.000	0.100	0.099	0.094	99	94	5
Beryllium	0.00	0.100	0.098	0.100	98	100	2
Cadmium	0.00	0.100	0.088	0.085	88	85	3
Chromium (VI)	0.00	0.50	0.42	0.42	84	84	0
Chromium (Total)	0.00	0.100	0.082	0.097	82	97	17
Cobalt	0.00	0.100	0.100	0.089	100	89	12
Copper	0.000	0.100	0.099	0.100	99	100	1
Lead	0.00	1.00	0.83	0.88	83	88	6
Mercury	0.000	0.020	0.023	0.020	115	100	14
Molybdenum	0.00	1.00	1.04	0.95	104	95	9
Nickel	0.00	0.50	0.43	0.44	86	88	2
Selenium	0.00	1.00	1.20	1.10	120	110	9
Silver	0.00	0.50	0.42	0.39	84	78	7
Thallium	0.00	3.00	3.00	3.00	100	100	0
Vanadium	0.00	0.50	0.45	0.43	90	86	5
Zinc	0.000	0.100	0.083	0.081	83	81	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/10/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9149

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	47	49	94	98	4
1,1-Dichloroethene	0.0	50	42	45	84	90	7
Trichloroethene	0.0	50	45	46	90	92	2
Toluene	0.0	50	48	50	96	100	4
Chlorobenzene	0.0	50	47	49	94	98	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/10/97
Laboratory Sample No : 97060117
Laboratory Reference No : MWI 9149

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	18	90	90	0
1,1-Dichloroethene	0.0	20	14	14	70	70	0
Trichloroethene	0.0	20	17	17	85	85	0
Toluene	0.0	20	18	18	90	90	0
Chlorobenzene	0.0	20	17	17	85	85	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 06/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9149

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	1.00	0.90	100	90	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/06/97
Laboratory Sample No : 97060099
Laboratory Reference No : MWI 9149

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	190	230	76	92	19

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/06/97
Laboratory Sample No : 97060105
Laboratory Reference No : MWI 9149

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	250	220	100	88	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9149

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	17	16	85	80	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/06/97
Laboratory Sample No : 97060018
Laboratory Reference No : MWI 9149

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	280	250	112	100	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/05/97
Laboratory Sample No : 97050525
Laboratory Reference No : MWI 9149

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	54	48	108	96	12

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

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Laboratory Director

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9149

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.1	2.0	84	80	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/05/97
Laboratory Sample No : 97060082
Laboratory Reference No : MWI 9149

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	101	108	101	108	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/09/97
Laboratory Sample No : 97060203
Laboratory Reference No : MWI 9149

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	42	84	84	0
n-Nitroso-di-n-propylamine	0.0	50	45	55	90	110	20
1,2,4-Trichlorobenzene	0.0	50	39	39	78	78	0
Acenaphthene	0.0	50	43	44	86	88	2
Pyrene	0.0	50	42	44	84	88	5
Pentachlorophenol	0.0	100	72	75	72	75	4
4-Chloro-3-Methylphenol	0.0	100	62	65	62	65	5
2-Chlorophenol	0.0	100	78	80	78	80	3
Phenol	0.0	100	69	74	69	74	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/06/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9149

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	33	34	66	68	3
n-Nitroso-di-n-propylamine	0.0	50	44	41	88	82	7
1,2,4-Trichlorobenzene	0.0	50	33	34	66	68	3
Acenaphthene	0.0	50	41	43	82	86	5
Pyrene	0.0	50	39	40	78	80	3
Pentachlorophenol	0.0	100	69	73	69	73	6
4-Chloro-3-Methylphenol	0.0	100	52	54	52	54	4
2-Chlorophenol	0.0	100	75	74	75	74	1
Phenol	0.0	100	26	25	26	25	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 2

REQUIRED TAT: 24 hr TAT on Soil TRPH only; Standard TAT otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	McDonnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	12060035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	Bldg. 37 Area
		ADDRESS:	19503 S. Normandie Los Angeles, CA
PHONE:	(818) 568-6582	FAX: (818) 796-5991	SAMPLED BY: AWN/IV/NM

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	Title 22 Metals	VOCs 8260	SVOCs 8270	TRPH 418.1	Diesel 8015	PCBs 8080	Pesticides 8080	Carbon Chain Gasoline 8015	REMARKS/PRECAUTIONS
RR-GS-19-4'	2	6/4/97	1041	SOIL	2"x6" ss sleeve	ICE	X			X		X			
RR-GS-20-4'			1053				X			X		X			
RR-GS-21-4'			1118				X			X		X			
RR-GS-22-1.5'			1126				X	X	X	X	X	X	X	X	
RR-GS-22-4'			1130				X			X		X			
RR-GS-23-4'			1143				X			X		X			
RR-GS-24-1.5'			1152				X	X	X	X	X	X	X	X	
RR-GS-24-4'			1246				X			X		X			
RR-GS-25-4'			1258				X			X		X			
RR-GS-26-1.5'			1307				X			X		X			
RR-GS-26-6'			1323				X			X		X			
RR-GS-27-4'			1336				X			X		X			
RR-GS-28-4'			1353				X			X		X			
RR-GS-29-4'			1409				X			X		X			

Total No. of Samples: 21

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivon Vargas	6/4/97 - 1730		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[signature]	6/4/97 17:30

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible fo[illegible]posal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0025812

ORANGE COAST ANALYTICAL, INC.
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Analysis Request and Chain of Custody Record

Lab Job No:
Page 2 of 2

REQUIRED TAT: 24 hr TAT on Soil TRPH only; Standard TAT otherwise

CUSTOMER INFORMATION

COMPANY: Montgomery Watson
SEND REPORT TO: Fred Strauss
ADDRESS: 250 N. Madison Ave. Pasadena, CA 91101
PHONE: 818-568-6582 FAX: 818-796-5941

PROJECT INFORMATION

PROJECT NAME: McDonnell Douglas
NUMBER: 1206035.01090010
LOCATION: Bldg. 37 Area
ADDRESS: 19503 S. Normandie Ave. Los Angeles, CA
SAMPLED BY: AWN/IVI

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	Title 22 Metals	VOCs 8260	SVOCs 8270	TRPH 418.1	Diesel 8015	PCBs 8080	Pesticides 8080	Carbon Chain Gasoline 8015	REMARKS/PRECAUTIONS
RR-GS-30-4'	2	6/4/97	1428	SOIL	2"x6" SS Sleeve	ICE	X			X		X			
RR-GS-31-4'			1443				X			X		X			
RR-GS-32-4'			1500				X			X		X			
Equipment Blank			1630	Water	Amber 1 poly 2 vials	None HNO3 HCl	X	X	X	X	X	X	X	X	
Rinsate Blank			1645				X	X	X	X	X	X	X	X	
Trip Blank			—			HCl		X							

Total No. of Samples: 21

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Tyson Vargas	6/4/97 1730.		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 6/4/97 17:30

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0025813

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/06/97
Reported: 06/06/97

Sample Description: Soil

Laboratory Reference #: MWI 9166

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97060203	RR-GS-37-4'	N.D.

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/11/97
Reported: 06/17/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/kg)*
97060203	RR-GS-37-4'	N.D.
Detection Limit:		8.0

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/06/97
Reported: 06/17/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (mg/kg) (ppm)*
97060203	RR-GS-37-4'	N.D.

Detection Limit:	5.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, RR-GS-37-4'

Sampled: 06/05/97
Recevied: 06/05/09
Analyzed: 06/09/97
Reported: 06/17/97

Laboratory Sample Number: 97060203
Laboratory Reference #: MWI 9166

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	99
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	25
Cobalt	6010	80	8000	0.5	6.8
Copper	6010	25	2500	0.1	9.5
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	10
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	28
Zinc	6010	250	5000	0.1	32

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, RR-GS-37-4'
Laboratory Sample Number: 97060203
Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Received: 06/05/97
Analyzed: 06/11/97
Reported: 06/17/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	2.5	N.D.
Bromodichloromethane	75-27-4	2.5	N.D.
Bromoform	75-25-2	2.5	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	N.D.
Carbon tetrachloride	56-23-5	2.5	N.D.
Chlorobenzene	108-90-7	2.5	N.D.
Chlorodibromomethane	124-48-1	2.5	N.D.
Chloroethane	75-00-3	2.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
Chloromethane	74-87-3	2.5	N.D.
1,1-Dichloroethane	75-35-3	2.5	N.D.
1,2-Dichloroethene	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.
1,2-Dichloropropene	78-87-5	2.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.
Ethylbenzene	100-41-4	2.5	N.D.
Methylene chloride	75-09-2	5.0	N.D.
Styrene	100-42-5	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
Tetrachloroethane	127-18-4	2.5	N.D.
Toluene	108-88-3	2.5	N.D.
1,1,1-Trichloroethane	71-55-6	2.5	N.D.
1,1,2-Trichloroethane	79-22-5	2.5	N.D.
Trichloroethene	79-01-6	2.5	N.D.
Trichlorofluoromethane	75-69-4	5.0	N.D.
Vinyl acetate	108-05-4	5.0	N.D.
Vinyl chloride	75-01-4	2.5	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorofluoromethane	75-71-8	2.5	N.D.
cis-1-2,-Dichloroethane	156-59-4	2.5	N.D.
2,2-Dichloropropane	590-20-7	2.5	N.D.
Bromochloromethane	74-97-5	2.5	N.D.
1,1-Dichloropropene	563-58-6	2.5	N.D.
1,2-Dichloropropene	78-87-5	2.5	N.D.
Dibromomethane	74-95-3	2.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	2.5	N.D.
1,1,2-Trichloroethane	79-00-5	2.5	N.D.
1,2-Dibromoethane	106-93-4	2.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, RR-GS-37-4'
Laboratory Sample #: 97060203

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
1,3-Dichloropropane	142-28-9	2.5	N.D.
Dibromochloromethane	124-48-1	2.5	N.D.
Isopropylbenzene	98-82-8	2.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	2.5	N.D.
1,2,3-Trichloropropane	96-18-4	2.5	N.D.
Bromobenzene	108-86-1	2.5	N.D.
n-Propylbenzene	103-65-1	2.5	N.D.
2-Chlorotoluene	95-49-8	2.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	2.5	N.D.
4-Chlorotoluene	106-4-4	2.5	N.D.
tert-Butylbenzene	98-06-6	2.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	2.5	N.D.
sec-Butylbenzene	135-98-8	2.5	N.D.
4-Isopropyltoluene	99-87-6	2.5	N.D.
1,3-Dichlorobenzene	541-73-1	2.5	N.D.
1,4-Dichlorobenzene	106-46-7	2.5	N.D.
n-Butylbenzene	104-51-8	2.5	N.D.
1,2-Dichlorobenzene	95-50-1	2.5	N.D.
1-2-Dibromo-2-CPA	96-12-8	5.0	N.D.
1,2,3-Trichlorobenzene	120-82-1	2.5	N.D.
Hexachlorobutadiene	87-68-3	2.5	N.D.
Naphthalene	91-20-3	2.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	102
4-Bromofluorobenzene	98

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, RR-GS-37-4'
Laboratory Sample Number: 97060203
Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Received: 06/05/97
Analyzed: 06/09/97
Reported: 06/17/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzidine	92-87-5	500	N.D.
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i)perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	N.D.
Dibenz(a,h)anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, RR-GS-37-4'
Laboratory Sample #: 97060203

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, RR-GS-37-4'

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/06/97
Reported: 06/17/97

Laboratory Sample Number: 97060203
Laboratory Reference #: MWI 9166

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, RR-GS-37-4'
Laboratory Sample #: 97060203
Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/11/97
Reported: 06/17/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	N.D.
C 13-22	N.D.
C 23 & Higher	N.D.

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/09/97
Reported: 06/17/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97060209	Equip Blank	N.D.
97060210	Rinsate Blank	N.D.

Detection Limit:	0.5

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/11/97
Reported: 06/17/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/l)*
97060209	Equip Blank	N.D.
97060210	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/06/97
Reported: 06/17/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (ug/l) (ppb)*
97060209	Equip Blank	N.D.
97060210	Rinsate Blank	N.D.

Detection Limit:	50

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/05/97
Recevied: 06/06/97
Analyzed: 06/10/97
Reported: 06/17/97

Laboratory Sample Number: 97060209
Laboratory Reference #: MWI 9166

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/05/97
Recevied: 06/06/97
Analyzed: 06/10/97
Reported: 06/17/97

Laboratory Sample Number: 97060210
Laboratory Reference #: MWI 9166

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060209
Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Received: 06/05/97
Analyzed: 06/11/97
Reported: 06/17/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060209

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	94
Toluene-d8	102
4-Bromofluorobenzene	96

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060210
Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Received: 06/05/97
Analyzed: 06/11/97
Reported: 06/17/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060210

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	102
4-Bromofluorobenzene	95

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97060211
Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Received: 06/05/97
Analyzed: 06/11/97
Reported: 06/17/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97060211

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	103
4-Bromofluorobenzene	98

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060209
Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Received: 06/05/97
Analyzed: 06/06/97
Reported: 06/17/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060209

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Orange Coast Analytical

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Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060210
Laboratory Reference #: MWI 9166

Sampled: 06/05/97
Received: 06/05/97
Analyzed: 06/06/97
Reported: 06/17/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060210

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/12/97
Reported: 06/17/97

Laboratory Sample Number: 97060209
Laboratory Reference #: MWI 9166

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/12/97
Reported: 06/17/97

Laboratory Sample Number: 97060210
Laboratory Reference #: MWI 9166

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/12/97
Reported: 06/17/97

Laboratory Sample Number: 97060209
Laboratory Reference #: MWI 9166

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/05/97
Recevied: 06/05/97
Analyzed: 06/12/97
Reported: 06/17/97

Laboratory Sample Number: 97060210
Laboratory Reference #: MWI 9166

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/12/97
Laboratory Sample No : 97060101
Laboratory Reference No : MWI 9166

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	87	90	87	90	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9166

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.6	2.9	72	58	22

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/06/97
Laboratory Sample No : 97060203
Laboratory Reference No : MWI 9166

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	90	94	90	94	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9166

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.1	2.0	84	80	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/10/97
Laboratory Sample No : 97060115
Laboratory Reference No : MWI 9166

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.00	3.00	100	100	0
Arsenic	0.00	1.00	1.00	0.85	100	85	16
Barium	0.000	0.100	0.099	0.094	99	94	5
Beryllium	0.00	0.100	0.098	0.100	98	100	2
Cadmium	0.00	0.100	0.088	0.085	88	85	3
Chromium (VI)	0.00	0.50	0.42	0.42	84	84	0
Chromium (Total)	0.00	0.100	0.082	0.097	82	97	17
Cobalt	0.00	0.100	0.100	0.089	100	89	12
Copper	0.000	0.100	0.099	0.100	99	100	1
Lead	0.00	1.00	0.83	0.88	83	88	6
Mercury	0.000	0.020	0.023	0.020	115	100	14
Molybdenum	0.00	1.00	1.04	0.95	104	95	9
Nickel	0.00	0.50	0.43	0.44	86	88	2
Selenium	0.00	1.00	1.20	1.10	120	110	9
Silver	0.00	0.50	0.42	0.39	84	78	7
Thallium	0.00	3.00	3.00	3.00	100	100	0
Vanadium	0.00	0.50	0.45	0.43	90	86	5
Zinc	0.000	0.100	0.083	0.081	83	81	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/09/97
Laboratory Sample No : 97060208
Laboratory Reference No : MWI 9166

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	35.0	32.0	117	107	9
Arsenic	0.0	10.0	9.0	8.0	90	80	12
Barium	11.0	10.0	23.0	23.0	120	120	0
Beryllium	0.00	1.00	1.03	1.01	103	101	2
Cadmium	0.00	1.00	1.05	0.98	105	98	7
Chromium (Total)	3.5	5.0	8.6	8.7	102	104	1
Chromium (VI)	0.00	1.00	1.01	1.06	101	106	5
Cobalt	0.82	1.00	1.90	1.93	108	111	2
Copper	3.70	1.00	4.51	4.66	81	96	3
Lead	0.0	10.0	8.5	9.4	85	94	10
Mercury	0.000	0.020	0.020	0.020	100	100	0
Molybdenum	0.0	10.0	10.2	10.5	102	105	3
Nickel	1.50	5.00	6.80	6.50	106	100	5
Selenium	0.0	10.0	10.2	9.8	102	98	4
Silver	0.0	5.0	4.1	4.1	82	82	0
Thallium	0.0	30.0	27.0	27.0	90	90	0
Vanadium	3.0	5.0	8.2	7.7	104	94	6
Zinc	6.2	5.0	11.5	11.4	106	104	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/11/97
Laboratory Sample No : 97060200
Laboratory Reference No : MWI 9166

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	53	44	106	88	19
1,1-Dichloroethene	0.0	50	56	45	112	90	22
Trichloroethene	0.0	50	49	42	98	84	15
Toluene	0.0	50	52	43	104	86	19
Chlorobenzene	0.0	50	48	41	96	82	16

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/12/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9166

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	11	14	55	70	24

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/06/97
Laboratory Sample No : 97060105
Laboratory Reference No : MWI 9166

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	250	220	100	88	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/11/97
Laboratory Sample No : 97060211
Laboratory Reference No : MWI 9166

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	21	21	105	105	0
1,1-Dichloroethene	0.0	20	21	21	105	105	0
Trichloroethene	0.0	20	19	20	95	100	5
Toluene	0.0	20	20	22	100	110	10
Chlorobenzene	0.0	20	19	20	95	100	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/09/97
Laboratory Sample No : 97060200
Laboratory Reference No : MWI 9166

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	54	62	108	124	14

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/06/97
Laboratory Sample No : 97060018
Laboratory Reference No : MWI 9166

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	280	250	112	100	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 06/12/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9166

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	0.65	0.80	65	80	21

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/06/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9166

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	33	34	66	68	3
n-Nitroso-di-n-propylamine	0.0	50	44	41	88	82	7
1,2,4-Trichlorobenzene	0.0	50	33	34	66	68	3
Acenaphthene	0.0	50	41	43	82	86	5
Pyrene	0.0	50	39	40	78	80	3
Pentachlorophenol	0.0	100	69	73	69	73	6
4-Chloro-3-Methylphenol	0.0	100	52	54	52	54	4
2-Chlorophenol	0.0	100	75	74	75	74	1
Phenol	0.0	100	26	25	26	25	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/09/97
Laboratory Sample No : 97060203
Laboratory Reference No : MWI 9166

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	42	84	84	0
n-Nitroso-di-n-propylamine	0.0	50	45	55	90	110	20
1,2,4-Trichlorobenzene	0.0	50	39	39	78	78	0
Acenaphthene	0.0	50	43	44	86	88	2
Pyrene	0.0	50	42	44	84	88	5
Pentachlorophenol	0.0	100	72	75	72	75	4
4-Chloro-3-Methylphenol	0.0	100	62	65	62	65	5
2-Chlorophenol	0.0	100	78	80	78	80	3
Phenol	0.0	100	69	74	69	74	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No: ____
Page 1 of 1

REQUIRED TAT: 24 hr TAT on Soil TRPH [illegible] Standard TAT Otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	McDonnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	Bldg. 37 Area
		ADDRESS:	19503 S. Normandie Ave Los Angeles, CA
PHONE:	818-568-6582 FAX: 818-796-5941	SAMPLED BY:	IV/NLM

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	Title 22 Metals	VOCs 8260	SVOCs 8270	TRPH 418.1	Diesel 8015	PCBs 8080	Pesticides 8080	Carbon Chain	Gasoline 8015	REMARKS/PRECAUTIONS
RR-GS-33-4'	2	6/5/97	0747	SOIL	2"x6" ss sleeve	ICE	X			X		X				
RR-GS-34-4'			0801				X	X	X	X	X	X		X	X	
RR-GS-35-4'			0813				X			X		X				
RR-GS-36-4'			0823				X			X		X				
RR-GS-37-4'			1031				X	X	X	X	X	X		X	X	
B37-GS-178C-3'			1130				X									
B37-GS-178D-3'			1140				X									
B37-GS-178E-3'			1250				X									
B37-GS-178F-3'			1305				X									
B37-GS-178G-3'			1315				X									
Equipment Blank	9		1415	Water	6 amber 1 Vials	None HNO3 HCl	X	X	X	X	X	X	X		X	
Rinsate Blank	9		1430				X	X	X	X	X	X	X		X	
Trip Blank	2		—		2 VOAs	HCl		X								

Total No. of Samples: 13

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	6/5/97 1600		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[signature]	6/5/97 16:00

Reporting Format: (check)
NORMAL ____ S.D. HMMD ____
RWQCB ____ OTHER ____

Sample Integrity: (check)
Intact ____ on ice ____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

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Iontgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Analysis Method: 418.1

Sample Description: Soil

Laboratory Reference #: MWI 9190

Sampled : 06-11-97
Received: 06-11-97
Analyzed: 06-12-97
Reported: 06-13-97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Sample Result (mg/kg)*
97060326	WL-GS-1-2'	3,000
Detection Limit:		8.0

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/12/97
Reported: 06/12/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/kg)*
97060326	WL-GS-1-2'	1,700

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/12/97
Reported: 06/20/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (mg/kg) (ppm)*
97060326	WL-GS-1-2'	280

Detection Limit:	5.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-1-2'

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/13/97
Reported: 06/20/97

Laboratory Sample Number: 97060326
Laboratory Reference #: MWI 9190

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	120
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	31
Cobalt	6010	80	8000	0.5	7.8
Copper	6010	25	2500	0.1	13
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	36
Zinc	6010	250	5000	0.1	44

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, WL-GS-1-2'
Laboratory Sample Number: 97060326
Laboratory Reference #: MWI 9190

Sampled: 06-11-97
Received: 06-11-97
Analyzed: 06-12-97
Reported: 06-13-97

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULT (ug/kg)***	
Benzene	71-43-2	2.5	N.D.	
Bromodichloromethane	75-27-4	2.5	N.D.	
Bromoform	75-25-2	2.5	N.D.	
Bromomethane	74-83-9	2.5	N.D.	
Carbon Disulfide	75-15-0	5.0	N.D.	
Carbon tetrachloride	56-23-5	2.5	N.D.	
Chlorobenzene	108-90-7	2.5	N.D.	
Chlorodibromomethane	124-48-1	2.5	N.D.	
Chloroethane	75-00-3	2.5	N.D.	
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.	
Chloroform	67-66-3	2.5	N.D.	
Chloromethane	74-87-3	2.5	N.D.	
1,1-Dichloroethane	75-35-3	2.5	N.D.	
1,2-Dichloroethane	107-06-2	2.5	N.D.	
1,1-Dichloroethene	75-35-4	2.5	N.D.	
trans 1,2-Dichloroethene	156-60-5	2.5	N.D.	
1,2-Dichloropropane	78-87-5	2.5	N.D.	
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.	
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.	
Ethylbenzene	100-41-4	2.5	N.D.	
Methylene chloride	75-09-2	5.0	N.D.	
Styrene	100-42-5	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
Tetrachloroethene	127-18-4	2.5	N.D.	
Toluene	108-88-3	2.5	N.D.	
1,1,1-Trichloroethane	71-55-6	2.5	N.D.	
1,1,2-Trichloroethane	79-00-5	2.5	N.D.	
Trichloroethene	79-01-6	2.5	N.D.	
Trichlorofluoromethane	75-69-4	5.0	N.D.	
Vinyl acetate	108-05-4	5.0	N.D.	
Vinyl chloride	75-01-4	2.5	N.D.	
Total Xylenes	1330-20-7	2.5	770	<---
Dichlorofluoromethane	75-71-8	2.5	N.D.	
cis-1,2-Dichloroethene	156-59-4	2.5	N.D.	
2,2-Dichloropropane	590-20-7	2.5	N.D.	
Bromochloromethane	74-97-5	2.5	N.D.	
1,1-Dichloropropene	563-58-6	2.5	N.D.	
1,2-Dichloropropane	78-87-5	2.5	N.D.	
Dibromomethane	74-95-3	2.5	N.D.	
trans-1,3-Dichloropropane	10061-02-6	2.5	N.D.	
1,1,2-Trichloroethane	79-00-5	2.5	N.D.	
1,2-Dibromoethane	106-93-4	2.5	N.D.	

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Sample Description: Soil, WL-GS-1-2'

Laboratory Sample Number: 97060326

Volatile Organics by GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION LIMIT (ug/kg)	SAMPLE RESULT (ug/kg)
1,3-Dichloropropane	142-28-9	2.5	N.D.
Dibromochloromethane	124-48-1	2.5	N.D.
Isopropylbenzene	98-82-8	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
1,2,3-Trichloropropane	96-18-4	2.5	N.D.
Bromobenzene	108-86-1	2.5	N.D.
n-Propylbenzene	103-65-1	2.5	N.D.
2-Chlorotoluene	95-49-8	2.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	2.5	1,500 <---
4-Chlorotoluene	106-43-4	2.5	N.D.
tert-Butylbenzene	98-06-6	2.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	2.5	1,000 <---
sec-Butylbenzene	135-98-8	2.5	860 <---
4-Isopropyltoluene	99-87-6	2.5	1,400 <---
1,3-Dichlorobenzene	541-73-1	2.5	N.D.
1,4-Dichlorobenzene	106-46-7	2.5	N.D.
n-Butylbenzene	104-51-8	2.5	N.D.
1,2-Dichlorobenzene	95-50-1	2.5	N.D.
1-2-Dibromo-2-CPA	96-12-8	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.
Hexachlorobutadiene	87-68-3	2.5	N.D.
Naphthalene	91-20-3	2.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

Surrogate Recoveries	*%*
Dibromofluoromethane	*90*
Toluene-d8	*104*
4-Bromofluorobenbzene	*100*

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tgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, WL-GS-1-2'
Laboratory Sample #: 97060326
Laboratory Reference #: MWI 9190

Sampled : 06-11-97
Received: 06-11-97
Analyzed: 06-12-97
Reported: 06-13-97

SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzidine	92-87-5	500	N.D.
Benzoic Acid	65-85-0	250	N.D.
Benzo(a)anthracene	56-55-3	100	N.D.
Benzo(b)fluoranthene	205-99-2	250	N.D.
Benzo(k)fluoranthene	207-08-9	250	N.D.
B[illegible]zo(g,h,i)perylene	191-24-2	250	N.D.
[illegible]zo(a)pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-0109	100	N.D.
Dibenz(a,h)anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3'-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4[illegible]-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,[illegible]-Dinitrophenol	51-28-5	100	N.D.

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SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270) (continued)

Sample Description: Soil, WL-GS-1-2'
Laboratory Sample #: 97060326

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	220 <---
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-n-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	120 <---
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, WL-GS-1-2'
Laboratory Sample #: 97060326
Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/12/97
Reported: 06/12/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	450
C 13-22	1,200
C 23 & Higher	77

Detection Limit:	8.0

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

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Client Project ID: McDonnell Douglas
Client Project #: 1206035-01090010

Sample Description: Soil, WL-GS-1-2'

Laboratory Sample Number: 97060326
Laboratory Reference #: MWI 9190

Sampled: 06-11-97
Received: 06-11-97
Analyzed: 06-12-97
Reported: 06-13-97

PCB'S (EPA 8080)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 06/11/97
Sample Description: Water
Recevied: 06/11/97
Analyzed: 06/13/97
Laboratory Reference #: MWI 9190
Reported: 06/20/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	***Client Sample Number***	***Extractable Hydrocarbons mg/l (ppm)***
97060327	Equip Blank	N.D.
97060328	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 6/16-17/1997
Reported: 06/20/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/l)*
97060327	Equip Blank	N.D.
97060328	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/12/97
Reported: 06/20/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (ug/l) (ppb)*
97060327	Equip Blank	N.D.
97060328	Rinsate Blank	N.D.

Detection Limit:	50

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/17/97
Reported: 06/20/97

Laboratory Sample Number: 97060327
Laboratory Reference #: MWI 9190

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/17/97
Reported: 06/20/97

Laboratory Sample Number: 97060328
Laboratory Reference #: MWI 9190

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060327
Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Received: 06/11/97
Analyzed: 06/19/97
Reported: 06/20/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060327

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	102
4-Bromofluorobenzene	102

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060328
Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Received: 06/11/97
Analyzed: 06/19/97
Reported: 06/20/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060328

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	102
4-Bromofluorobenzene	100

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97060329
Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Received: 06/11/97
Analyzed: 06/19/97
Reported: 06/20/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97060329

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	104
4-Bromofluorobenzene	102

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060327
Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Received: 06/11/97
Analyzed: 06/16/97
Reported: 06/20/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060327

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Orange Coast Analytical

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060328
Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Received: 06/11/97
Analyzed: 06/16/97
Reported: 06/20/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060328

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Orange Coast Analytical

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/16/97
Reported: 06/20/97

Laboratory Sample Number: 97060327
Laboratory Reference #: MWI 9190

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

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PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

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Recevied: 06/11/97
Analyzed: 06/16/97
Reported: 06/20/97

Laboratory Sample Number: 97060327
Laboratory Reference #: MWI 9190

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/16/97
Reported: 06/20/97

Laboratory Sample Number: 97060328
Laboratory Reference #: MWI 9190

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/11/97
Laboratory Sample No : 97060140
Laboratory Reference No : MWI 9190

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	91	88	91	88	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/13/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9190

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.0	1.8	80	72	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/13/97
Laboratory Sample No : 97060326
Laboratory Reference No : MWI 9190

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	26.0	30.0	87	100	14
Arsenic	0.0	10.0	8.5	9.9	85	99	15
Barium	12.0	10.0	22.0	23.0	100	110	4
Beryllium	0.00	1.00	1.04	1.03	104	103	1
Cadmium	0.00	1.00	0.98	1.04	98	104	6
Chromium (Total)	3.1	5.0	8.2	8.0	102	98	2
Chromium (VI)	0.00	1.00	0.86	0.82	86	82	5
Cobalt	0.78	1.00	1.72	1.70	94	92	1
Copper	1.30	1.00	2.30	2.27	100	97	1
Lead	0.0	10.0	10.0	10.8	100	108	8
Mercury	0.000	0.020	0.021	0.022	105	110	5
Molybdenum	0.0	10.0	10.2	11.0	102	110	8
Nickel	1.20	5.00	5.60	5.50	88	86	2
Selenium	0.0	10.0	10.0	10.8	100	108	8
Silver	0.0	5.0	4.1	4.2	82	84	2
Thallium	0.0	30.0	29.0	33.0	97	110	13
Vanadium	3.6	5.0	8.2	8.5	92	98	4
Zinc	4.4	5.0	8.6	9.0	84	92	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/17/97
Laboratory Sample No : 97060326
Laboratory Reference No : MWI 9190

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.10	3.30	103	110	6
Arsenic	0.00	1.00	1.06	1.11	106	111	5
Barium	0.000	0.100	0.110	0.109	110	109	1
Beryllium	0.00	0.100	0.098	0.102	98	102	4
Cadmium	0.00	0.100	0.118	0.120	118	120	2
Chromium (VI)	0.00	0.50	0.48	0.44	96	88	9
Chromium (Total)	0.00	0.100	0.094	0.102	94	102	8
Cobalt	0.00	0.100	0.114	0.120	114	120	5
Copper	0.000	0.100	0.098	0.102	98	102	4
Lead	0.00	1.00	1.16	1.15	116	115	1
Mercury	0.000	0.020	0.021	0.022	105	110	5
Molybdenum	0.00	1.00	1.01	0.98	101	98	3
Nickel	0.00	0.50	0.58	0.59	116	118	2
Selenium	0.00	1.00	0.90	0.80	90	80	12
Silver	0.00	0.50	0.44	0.45	88	90	2
Thallium	0.00	3.00	3.50	3.30	117	110	6
Vanadium	0.00	0.50	0.49	0.51	98	102	4
Zinc	0.000	0.100	0.105	0.110	105	110	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/12/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9190

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	51	58	102	116	13
1,1-Dichloroethene	0.0	50	49	55	98	110	12
Trichloroethene	0.0	50	47	53	94	106	12
Toluene	0.0	50	50	57	100	114	13
Chlorobenzene	0.0	50	49	53	98	106	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/19/97
Laboratory Sample No : 97060329
Laboratory Reference No : MWI 9190

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	22	22	110	110	0
1,1-Dichloroethene	0.0	20	22	24	110	120	9
Trichloroethene	0.0	20	20	21	100	105	5
Toluene	0.0	20	22	23	110	115	4
Chlorobenzene	0.0	20	19	20	95	100	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/12/97
Laboratory Sample No : 97060323
Laboratory Reference No : MWI 9190

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	50	52	100	104	4
n-Nitroso-di-n-propylamine	0.0	50	67	57	134	114	16
1,2,4-Trichlorobenzene	0.0	50	45	48	90	96	6
Acenaphthene	0.0	50	51	54	102	108	6
Pyrene	0.0	50	48	52	96	104	8
Pentachlorophenol	0.0	100	76	76	76	76	0
4-Chloro-3-Methylphenol	0.0	100	69	70	69	70	1
2-Chlorophenol	0.0	100	88	90	88	90	2
Phenol	0.0	100	81	81	81	81	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9190

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	38	39	76	78	3
n-Nitroso-di-n-propylamine	0.0	50	49	54	98	108	10
1,2,4-Trichlorobenzene	0.0	50	42	42	84	84	0
Acenaphthene	0.0	50	52	52	104	104	0
Pyrene	0.0	50	51	52	102	104	2
Pentachlorophenol	0.0	100	86	85	86	85	1
4-Chloro-3-Methylphenol	0.0	100	72	71	72	71	1
2-Chlorophenol	0.0	100	82	79	82	79	4
Phenol	0.0	100	30	30	30	30	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/12/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9190

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	250	220	100	88	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/12/97
Laboratory Sample No :OCA 200
Laboratory Reference No : MWI 9190

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	46	42	92	84	9

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 06/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9190

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	1.10	0.97	110	97	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/12/97
Laboratory Sample No : 97060251
Laboratory Reference No : MWI 9190

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	230	220	92	88	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9190

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	16	15	80	75	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9190

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	4.3	3.5	86	70	21

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/12/97
Laboratory Sample No : 97060101
Laboratory Reference No : MWI 9190

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	87	90	87	90	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain Custody Record

Lab Job No: ____
Page ____ of 1

[redacted]

COMPANY: Montgomery Watson	PROJECT NAME: McDonnell Douglas
SEND REPORT TO: Fred Strauss	NUMBER: 1206035.01090010
ADDRESS: 250 N. Madison Ave. Pasadena, CA 91101	LOCATION: C-6 Facility - Bldg. 37 Area
	ADDRESS: 19503 S. Normandie Ave. Los Angeles, CA
PHONE: (818) 568-6582 FAX: (818) 796-5941	SAMPLED BY: AWN/IV

							TRPH 418.1	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080	Carbon Chain	Title 22 Metals	8015 gas	8015 diesel	REMARKS/PRECAUTIONS
B37-GS-165C-3'	2	6/11/97	0935	SOIL	2"x6" SS sleeve	ICE			X							ASAP TAT
B37-GS-165D-3'	2		0947						X							ASAP TAT
B37-GS-165E-3'	2		1002						X							ASAP TAT
B37-GS-165F-3'	2		1015						X							ASAP TAT
B37-GS-165G-3'	2		1030						X							ASAP TAT
WL-GS-1-2'	2		1045				X	X	X	X	NO	X	X	X	X	Rush TAT (24hr)
Equipment Blank	8 (5 amber 1 Poly 2 VOAs)		1500	Water	5 amber 1 Poly 3 VOAs	None HNO3 HCl	X	X	X	X	X	NO	X	X	X	
Rinsate Blank	8 (5 amber 1 Poly 3 VOAs)		1445				X	X	X	X	X		X	X	X	
Trip Blank	2		—		2 VOAs	HCl		X								

Total No. of Samples: 9

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Adam W. Vonis	6/11/97 1525		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[signature]	6/11/97 15:25

Reporting Format: (check)
NORMAL ____ S.D. HMMD ____
RWQCB ____ OTHER ____

Sample Integrity: (check)
Intact ____ on ice ____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 06/23/97
Sample Description: Soil
Recevied: 06/23/97
Analyzed: 06/24/97
Laboratory Reference #: MWI 9256
Reported: 06/24/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97060640	WL-GS-5-4'	260

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/kg)*
97060640	WL-GS-5-4'	N.D.

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (mg/kg) (ppm)*
97060640	WL-GS-5-4'	66

Detection Limit:	5.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	92
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	25
Cobalt	6010	80	8000	0.5	6.9
Copper	6010	25	2500	0.1	22
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	27
Zinc	6010	250	5000	0.1	40

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-35-3	50	N.D.
1,2-Dichloroethene	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropene	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethane	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-22-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	N.D.
Dichlorofluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethane	156-59-4	50	N.D.
2,2-Dichloropropane	590-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
1,2-Dichloropropene	78-87-5	50	N.D.
Dibromomethane	74-95-3	50	N.D.
trans-1,3-Dichloropropane	10061-02-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97060640

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
1,3-Dichloropropane	142-28-9	50	N.D.
Dibromochloromethane	124-48-1	50	N.D.
Isopropylbenzene	98-82-8	50	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	50	N.D.
1,2,3-Trichloropropane	96-18-4	50	N.D.
Bromobenzene	108-86-1	50	N.D.
n-Propylbenzene	103-65-1	50	N.D.
2-Chlorotoluene	95-49-8	50	N.D.
1,3,5-Trimethylbenzene	108-67-8	50	N.D.
4-Chlorotoluene	106-4-4	50	N.D.
tert-Butylbenzene	98-06-6	50	N.D.
1,2,4-Trimethylbenzene	95-63-6	50	N.D.
sec-Butylbenzene	135-98-8	50	N.D.
4-Isopropyltoluene	99-87-6	50	N.D.
1,3-Dichlorobenzene	541-73-1	50	N.D.
1,4-Dichlorobenzene	106-46-7	50	N.D.
n-Butylbenzene	104-51-8	50	N.D.
1,2-Dichlorobenzene	95-50-1	50	N.D.
1-2-Dibromo-2-CPA	96-12-8	100	N.D.
1,2,3-Trichlorobenzene	120-82-1	50	N.D.
Hexachlorobutadiene	87-68-3	50	N.D.
Naphthalene	91-20-3	50	N.D.
1,2,3-Trichlorobenzene	87-61-6	50	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	89
Toluene-d8	102
4-Bromofluorobenzene	92

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzidine	92-87-5	500	N.D.
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	1,000
Benzo (b) fluoranthene	205-99-2	250	1,400
Benzo (k) fluoranthene	207-08-9	250	570
Benzo (g,h,i)perylene	191-24-2	250	960
Benzo (a) pyrene	50-32-8	250	1,300
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	1,200
Dibenz(a,h)anthracene	53-70-3	100	250
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97C60640

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
Fluoranthene	206-44-0	100	1,500
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	890
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	390
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	1,200
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97060640
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	11
C 13-22	27
C 23 & Higher	28
Total	66

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/25/97
Reported: 07/02/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/25/97
Reported: 07/02/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/l)*
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	0.5

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (ug/l) (ppb)*
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	50

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060642

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	99
4-Bromofluorobenzene	102

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060643

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	97
Toluene-d8	101
4-Bromofluorobenzene	98

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97060644
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97060644

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	100
4-Bromofluorobenzene	103

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060642

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

ORANGE COAST ANALYTICAL, INC.
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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060643

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/02/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, RinsateBlank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/02/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/01/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/01/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 06/26/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	0.95	110	95	15

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/26/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	17	100	85	16

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060433
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	150	140	60	56	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.0	3.9	60	78	26

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	82	70	82	70	16

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/24/97
Laboratory Sample No : 97060636
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	28.0	28.0	93	93	0
Arsenic	0.0	10.0	9.2	9.8	92	98	6
Barium	10.0	10.0	18.0	18.0	80	80	0
Beryllium	0.00	1.00	0.97	0.96	97	96	1
Cadmium	0.00	1.00	0.97	0.98	97	98	1
Chromium (Total)	2.2	5.0	6.8	6.9	92	94	1
Chromium (VI)	0.00	1.00	0.83	0.80	83	80	4
Cobalt	0.84	1.00	1.64	1.73	80	89	5
Copper	1.20	1.00	2.00	2.04	80	84	2
Lead	0.0	10.0	8.7	8.2	87	82	6
Mercury	0.000	0.020	0.018	0.018	90	90	0
Molybdenum	0.0	10.0	9.1	9.3	91	93	2
Nickel	1.00	5.00	5.50	5.60	90	92	2
Selenium	0.0	10.0	8.5	9.3	85	93	9
Silver	0.0	5.0	3.8	4.0	76	80	5
Thallium	0.0	30.0	26.0	26.0	87	87	0
Vanadium	2.7	5.0	7.0	7.2	86	90	3
Zinc	3.1	5.0	7.3	7.6	84	90	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/24/97
Laboratory Sample No : 97060538
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.50	2.50	83	83	0
Arsenic	0.00	1.00	0.83	0.80	83	80	4
Barium	0.000	0.100	0.097	0.097	97	97	0
Beryllium	0.00	0.100	0.103	0.095	103	95	8
Cadmium	0.00	0.100	0.105	0.112	105	112	6
Chromium (VI)	0.00	0.50	0.44	0.40	88	80	10
Chromium (Total)	0.00	0.100	0.105	0.117	105	117	11
Cobalt	0.00	0.100	0.089	0.100	89	100	12
Copper	0.000	0.100	0.095	0.109	95	109	14
Lead	0.00	1.00	0.91	0.80	91	80	13
Mercury	0.000	0.020	0.019	0.019	95	95	0
Molybdenum	0.00	1.00	0.84	0.80	84	80	5
Nickel	0.00	0.50	0.56	0.58	112	116	4
Selenium	0.00	1.00	0.80	0.84	80	84	5
Silver	0.00	0.50	0.46	0.41	92	82	11
Thallium	0.00	3.00	2.80	2.40	93	80	15
Vanadium	0.00	0.50	0.53	0.50	106	100	6
Zinc	0.000	0.100	0.089	0.087	89	87	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060594
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	50	51	100	102	2
1,1-Dichloroethene	0.0	50	49	48	98	96	2
Trichloroethene	0.0	50	53	56	106	112	6
Toluene	0.0	50	50	51	100	102	2
Chlorobenzene	0.0	50	46	49	92	98	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/30/97
Laboratory Sample No : 97060644
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	19	100	95	5
1,1-Dichloroethene	0.0	20	19	18	95	90	5
Trichloroethene	0.0	20	20	19	100	95	5
Toluene	0.0	20	20	19	100	95	5
Chlorobenzene	0.0	20	19	19	95	95	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.3	2.4	92	96	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060498
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	94	95	94	95	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/24/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9256

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	49	45	98	90	9
n-Nitroso-di-n-propylamine	0.0	50	46	47	92	94	2
1,2,4-Trichlorobenzene	0.0	50	53	48	106	96	10
Acenaphthene	0.0	50	50	47	100	94	6
Pyrene	0.0	50	50	46	100	92	8
Pentachlorophenol	0.0	100	92	88	92	88	4
4-Chloro-3-Methylphenol	0.0	100	87	78	87	78	11
2-Chlorophenol	0.0	100	82	78	82	78	5
Phenol	0.0	100	75	71	75	71	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060628
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	48	42	96	84	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/24/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	37	38	74	76	3
n-Nitroso-di-n-propylamine	0.0	50	44	49	88	98	11
1,2,4-Trichlorobenzene	0.0	50	44	43	88	86	2
Acenaphthene	0.0	50	50	51	100	102	2
Pyrene	0.0	50	50	50	100	100	0
Pentachlorophenol	0.0	100	82	87	82	87	6
4-Chloro-3-Methylphenol	0.0	100	74	77	74	77	4
2-Chlorophenol	0.0	100	76	77	76	77	1
Phenol	0.0	100	23	22	23	22	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060538
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	300	260	120	104	14

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No: ____
Page 1 of 1

REQUIRED TAT: AS NOTED BELOW

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	McDonnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave.	LOCATION:	C-6 Facility
	Pasadena, CA 91101	ADDRESS:	19503 S. Normandie Ave.
			Los Angeles, CA
PHONE:	(818) 568-6582 FAX: (818) 796-5941	SAMPLED BY:	IV/CW

SAMPLE ID	CONTAINERS	SAMPLE DATE	SAMPLE TIME	MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	VOCs 8260	SVOCs 8270	Title 22 Metals	Carbon Chain	PCBs 8080	8015 Gas	8015 Diesel	Pesticides 8080	REMARKS/PRECAUTIONS
WL-GS-5-4'	2	6/23/97	0921	SOIL	2"x6" SS Sleeve	ICE	X	X	X	X	X	X	X	X		48 hr TAT (TRPH only 24 hr TAT)
WL-GS-6-4'	2		0925				X	X	X	X	X	X	X	X		
Equipment Blank	9		1445	WATER	5 Amber 1 Poly	HNO3	X	X	X	X		X	X	X	X	Standard TAT
Rinsate Blank	9		1500				X	X	X	X		X	X	X	X	
Trip Blank	2		—		2 VOAs	HCl		X								

Total No. of Samples: 5

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time	Received By:	Date/Time:
Adam W. Vance	6/23/97 1530		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	6/23/97 3:30

Reporting Format: (check)
NORMAL ____ S.D. HMMD ____
RWQCB ____ OTHER ____

Sample Integrity: (check)
Intact ____ on ice ____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0025948

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070088	PL-GS-9-3.5'	16,000

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/kg)*
97070088	PL-GS-9-3.5'	15,000

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (mg/kg) (ppm)*
97070088	PL-GS-9-3.5'	250

Detection Limit:	5.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, PL-GS-9-3.5'

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

Laboratory Sample Number: 97070088
Laboratory Reference #: MWI 9304

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	32
Cobalt	6010	80	8000	0.5	7.0
Copper	6010	25	2500	0.1	20
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	14
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	37
Zinc	6010	250	5000	0.1	81

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, PL-GS-9-3.5'
Laboratory Sample Number: 97070088
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/07/97
Reported: 07/07/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	100	N.D.
Bromodichloromethane	75-27-4	100	N.D.
Bromoform	75-25-2	100	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	200	N.D.
Carbon tetrachloride	56-23-5	100	N.D.
Chlorobenzene	108-90-7	100	N.D.
Chlorodibromomethane	124-48-1	100	N.D.
Chloroethane	75-00-3	100	N.D.
2-Chloroethyl vinyl ether	110-75-8	200	N.D.
Chloroform	67-66-3	100	N.D.
Chloromethane	74-87-3	100	N.D.
1,1-Dichloroethane	75-35-3	100	N.D.
1,2-Dichloroethene	107-06-2	100	N.D.
1,1-Dichloroethene	75-35-4	100	N.D.
Trans 1,2-Dichloroethene	156-60-5	100	N.D.
1,2-Dichloropropene	78-87-5	100	N.D.
cis-1,3-Dichloropropene	10061-01-5	100	N.D.
trans-1,3-Dichloropropene	10061-02-6	100	N.D.
Ethylbenzene	100-41-4	100	N.D.
Methylene chloride	75-09-2	200	N.D.
Styrene	100-42-5	100	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.
Tetrachloroethane	127-18-4	100	N.D.
Toluene	108-88-3	100	N.D.
1,1,1-Trichloroethane	71-55-6	100	N.D.
1,1,2-Trichloroethane	79-22-5	100	N.D.
Trichloroethene	79-01-6	100	N.D.
Trichlorofluoromethane	75-69-4	200	N.D.
Vinyl acetate	108-05-4	200	N.D.
Vinyl chloride	75-01-4	100	N.D.
Total Xylenes	1330-20-7	100	N.D.
Dichlorofluoromethane	75-71-8	100	N.D.
cis-1-2,-Dichloroethene	156-59-4	100	N.D.
2,2-Dichloropropane	590-20-7	100	N.D.
Bromochloromethane	74-97-5	100	N.D.
1,1-Dichloropropene	563-58-6	100	N.D.
1,2-Dichloropropene	78-87-5	100	N.D.
Dibromomethane	74-95-3	100	N.D.
trans-1,3-Dichloropropane	10061-02-6	100	N.D.
1,1,2-Trichloroethane	79-00-5	100	N.D.
1,2-Dibromoethane	106-93-4	100	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, PL-GS-9-3.5'
Laboratory Sample #: 97070088

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	100	N.D.
Dibromochloromethane	124-48-1	100	N.D.
Isopropylbenzene	98-82-8	100	100
1.1.2.2-Tetrachloroethane	79-34-5	100	N.D.
1,2,3-Trichloropropane	96-18-4	100	N.D.
Bromobenzene	108-86-1	100	N.D.
n-Propylbenzene	103-65-1	100	N.D.
2-Chlorotoluene	95-49-8	100	N.D.
1,3,5-Trimethylbenzene	108-67-8	100	370
4-Chlorotoluene	106-4-4	100	N.D.
tert-Butylbenzene	98-06-6	100	N.D.
1,2,4-Trimethylbenzene	95-63-6	100	210
sec-Butylbenzene	135-98-8	100	410
4-Isopropyltoluene	99-87-6	100	570
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
n-Butylbenzene	104-51-8	100	280
1,2-Dichlorobenzene	95-50-1	100	N.D.
1-2-Dibromo-3-CPA	96-12-8	200	N.D.
1,2,3-Trichlorobenzene	120-82-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Naphthalene	91-20-3	100	1,100
1,2,3-Trichlorobenzene	87-61-6	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	98
Toluene-d8	95
4-Bromofluorobenzene	103

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, PL-GS-9-3.5'
Laboratory Sample Number: 97070088
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	800	1,000
Acenaphthylene	208-96-8	800	N.D.
Aniline	62-53-3	800	N.D.
Anthracene	120-12-7	800	N.D.
Benzidine	92-87-5	4000	N.D.
Benzoic Acid	65-85-0	4000	N.D.
Benzo (a) anthracene	56-55-3	800	1,000
Benzo (b) fluoranthene	205-99-2	2000	N.D.
Benzo (k) fluoranthene	207-08-9	2000	N.D.
Benzo (g,h,i)perylene	191-24-2	2000	N.D.
Benzo (a) pyrene	50-32-8	2000	N.D.
Benzyl alcohol	100-51-6	800	N.D.
Bis(2-chloroethoxy)methane	111-91-1	800	N.D.
Bis(2-chloroethyl)ether	111-44-4	800	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	800	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	800	N.D.
4-Bromophenyl phenyl ether	101-55-3	800	N.D.
Butyl benzyl phthalate	85-68-7	800	N.D.
4-Chloroaniline	106-47-8	800	N.D.
2-Chloronaphthalene	91-58-7	800	N.D.
4-Chloro-3-methylphenol	59-50-7	800	N.D.
2-Chlorophenol	95-57-8	800	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	800	N.D.
Chrysene	218-0109	800	1,600
Dibenz(a,h)anthracene	53-70-3	800	N.D.
Dibenzofuran	132-64-9	800	N.D.
Di-N-butyl phthalate	84-74-2	2000	N.D.
1,3-Dichlorobenzene	541-73-1	800	N.D.
1,4-Dichlorobenzene	106-46-7	800	N.D.
1,2-Dichlorobenzene	95-50-1	800	N.D.
3,3-Dichlorobenzidine	91-94-1	800	N.D.
2,4-Dichlorophenol	120-83-2	800	N.D.
Diethyl phthalate	84-66-2	800	N.D.
2,4-Dimethylphenol	105-67-9	800	N.D.
Dimethyl phthalate	131-11-3	800	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	800	N.D.
2,4-Dinitrophenol	51-28-5	800	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, PL-GS-9-3.5'
Laboratory Sample #: 97070088

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	800	1,300
Fluorene	86-73-7	800	1,300
Hexachlorobenzene	118-74-1	800	N.D.
Hexachlorobutadiene	87-68-3	800	N.D.
Hexachlorocyclopentadiene	77-47-4	800	N.D.
Hexachloroethane	67-72-1	800	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	2000	N.D.
Isophorone	78-59-1	800	N.D.
2-Methylnaphthalene	91-57-6	800	7,200
2-Methylphenol	95-48-7	800	N.D.
4-Methylphenol	106-44-5	800	N.D.
Naphthalene	91-20-3	800	1,500
2-Nitroaniline	88-74-4	2000	N.D.
3-Nitroaniline	99-09-2	2000	N.D.
4-Nitroaniline	100-01-6	2000	N.D.
Nitrobenzene	98-95-3	800	N.D.
2-Nitrophenol	88-75-5	800	N.D.
4-Nitrophenol	100-02-7	800	N.D.
N-Nitrosodiphenylamine	86-30-6	800	N.D.
N-Nitroso-di-N-propylamine	621-64-7	800	N.D.
N-Nitrosodimethylamine	62-75-9	800	N.D.
Pentachlorophenol	87-86-5	2000	N.D.
Phenanthrene	85-01-8	800	6,000
Phenol	108-95-2	800	N.D.
Pyrene	129-00-0	800	1,900
1,2,4-Trichlorobenzene	120-82-1	800	N.D.
2,4,5-Trichlorophenol	95-95-4	800	N.D.
2,4,6-Trichlorophenol	88-06-2	800	N.D.

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

Orange Coast Analytical

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, PL-GS-9-3.5'
Laboratory Sample #: 97070088
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/07/97
Reported: 07/07/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	1,200
C 13-22	12,000
C 23 & Higher	3,100
Total	16,000

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, PL-GS-9-3.5'

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

Laboratory Sample Number: 97070088
Laboratory Reference #: MWI 9304

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/07/97
Reported: 07/11/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070089	Equip Blank	N.D.
97070090	Rinsate Blank	N.D.

Detection Limit:	0.5

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

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250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/08/97
Reported: 07/11/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/l)*
97070089	Equip Blank	N.D.
97070090	Rinsate Blank	N.D.
Detection Limit:		0.5

Extractable Hydrocarbons are quantitated against a diesel standard. Analytes detected by this method range from C7 to C30. Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/07/97
Reported: 07/11/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (ug/l) (ppb)*
97070089	Equip Blank	N.D.
97070090	Rinsate Blank	N.D.

Detection Limit:	50

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/14/97
Reported: 07/14/97

Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium (Total)	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/14/97
Reported: 07/14/97

Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium (Total)	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethene	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethane	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-22-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070089

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Dibromochloromethane	124-48-1	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,3-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	91
Toluene-d8	100
4-Bromofluorobenzene	95

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethene	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethane	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-22-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070090

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Dibromochloromethane	124-48-1	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,3-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	99
4-Bromofluorobenzene	93

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070091
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethene	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethane	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-22-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070091

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Dibromochloromethane	124-48-1	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,3-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	99
4-Bromofluorobenzene	96

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/07/97
Reported: 07/11/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070089

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/07/97
Reported: 07/11/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070090

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/03/97
Laboratory Sample No : 97070088
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	28.0	31.0	93	103	10
Arsenic *	0.0	10.0	3.7	3.7	37	37	0
Barium	11.0	10.0	23.0	22.0	120	110	4
Beryllium	0.00	1.00	1.14	1.08	114	108	5
Cadmium	0.00	1.00	1.14	1.07	114	107	6
Chromium (Total)	3.20	5.00	8.90	8.50	114	106	5
Chromium (VI)	0.00	1.00	0.95	0.98	95	98	3
Cobalt	0.70	1.00	1.90	1.91	120	121	1
Copper	2.00	1.00	3.20	3.20	120	120	0
Lead	0.00	10.0	9.1	8.5	91	85	7
Mercury	0.000	0.020	0.016	0.016	80	80	0
Molybdenum	0.0	10.0	9.6	9.3	96	93	3
Nickel	1.40	5.00	7.1	6.8	114	108	4
Selenium	0.0	10.0	9.5	9.8	95	98	3
Silver	0.0	5.0	4.3	4.1	86	82	5
Thallium	0.0	30.0	28.9	24.4	96	81	17
Vanadium	3.7	5.0	8.7	8.4	100	94	4
Zinc	8.1	5.0	14.0	13.9	118	116	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

Matrix interferance *

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/14/97
Laboratory Sample No : 97070089
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.10	3.00	103	100	3
Arsenic	0.00	1.00	0.98	1.02	98	102	4
Barium	0.000	0.100	0.100	0.092	100	92	8
Beryllium	0.00	0.100	0.102	0.099	102	99	3
Cadmium	0.00	0.100	0.103	0.107	103	107	4
Chromium (VI)	0.00	0.50	0.48	0.46	96	92	4
Chromium (Total)	0.00	0.100	0.096	0.099	96	99	3
Cobalt	0.00	0.100	0.096	0.110	96	110	14
Copper	0.000	0.100	0.104	0.102	104	102	2
Lead	0.00	1.00	0.99	1.09	99	109	10
Mercury	0.000	0.020	0.020	0.019	100	95	5
Molybdenum	0.00	1.00	1.09	1.04	109	104	5
Nickel	0.00	0.50	0.50	0.49	100	98	2
Selenium	0.00	1.00	1.11	1.04	111	104	7
Silver	0.00	0.50	0.50	0.51	100	102	2
Thallium	0.00	3.00	3.38	3.44	113	115	2
Vanadium	0.00	0.50	0.53	0.53	106	106	0
Zinc	0.000	0.100	0.080	0.085	80	85	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 07/07/97
Laboratory Sample No : 97070089
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	250	270	100	108	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 07/03/97
Laboratory Sample No : 97060750
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	48	44	96	88	9

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	21	21	105	105	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/03/97
Laboratory Sample No : 97060536
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	200	190	80	76	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 07/03/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	90	85	90	85	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 07/08/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	2.6	3.1	52	62	18

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.88	0.95	88	95	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/03/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9304

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	41	84	82	2
n-Nitroso-di-n-propylamine	0.0	50	44	43	88	86	2
1,2,4-Trichlorobenzene	0.0	50	43	42	86	84	2
Acenaphthene	0.0	50	44	43	88	86	2
Pyrene	0.0	50	41	40	82	80	2
Pentachlorophenol	0.0	100	65	64	65	64	2
4-Chloro-3-Methylphenol	0.0	100	69	65	69	65	6
2-Chlorophenol	0.0	100	73	73	73	73	0
Phenol	0.0	100	68	68	68	68	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/07/97
Laboratory Sample No : OCA100
Laboratory Reference No : MWI 9304

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	28	27	56	54	4
n-Nitroso-di-n-propylamine	0.0	50	44	46	88	92	4
1,2,4-Trichlorobenzene	0.0	50	30	30	60	60	0
Acenaphthene	0.0	50	41	40	82	80	2
Pyrene	0.0	50	42	41	84	82	2
Pentachlorophenol	0.0	100	58	62	58	62	7
4-Chloro-3-Methylphenol	0.0	100	56	61	56	61	9
2-Chlorophenol	0.0	100	71	72	71	72	1
Phenol	0.0	100	25	26	25	26	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/09/97
Laboratory Sample No : 97070091
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	19	100	95	5
1,1-Dichloroethene	0.0	20	21	19	105	95	10
Trichloroethene	0.0	20	19	18	95	90	5
Toluene	0.0	20	20	19	100	95	5
Chlorobenzene	0.0	20	20	18	100	90	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/07/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.1	2.1	84	84	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/03/97
Laboratory Sample No : 97070005
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	99	101	99	101	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/07/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	54	54	108	108	0
1,1-Dichloroethene	0.0	50	56	53	112	106	6
Trichloroethene	0.0	50	51	53	102	106	4
Toluene	0.0	50	53	54	106	108	2
Chlorobenzene	0.0	50	51	52	102	104	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

[redacted]

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	McDonnell Douglas.
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N Madison Ave. Pasadena, CA 91101	LOCATION:	C-6 facility.
		ADDRESS:	19503 S Normandie Los Angeles, CA
PHONE:	(818)568 6582 FAX: (818)796-5941	SAMPLED BY:	AWN/IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRESERVATION	TRPH 418.1	VOCs 8260	SVOCs 8270	Carbon Chain	Title 22 Metals	8015 gas	8015 diesel	PCBs 8080	Pesticides 8080	REMARKS/PRECAUTIONS
PL-GS-8-3.5'	2	7/2/97	0910	Soil	2"x6" SS sleeve	ICE	X	X	X	X	X	X	X	X		48 hr. TAT
PL-GS-9-3.5'	2	↓	0945	↓	↓		X	X	X	X	X	X	X	X		48 hr. TAT
Equipment Blank	9	↓	1430	WATER	5 ambers 1 poly 2 VOAs	HNO3 HCl	X	X	X		X	X	X	X	X	STANDARD TAT
Rinsate Blank	9	↓	1445	↓	↓	↓	X	X	X		X	X	X	X	X	STANDARD TAT
Trip Blank	2	↓		↓	2 VOAs	HCl		X								STANDARD TAT

Total No. of Samples: 5

Method of Shipment: Orange Coast Courier.

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/2/97 1545		

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Received For Lab By: [signature] Date/Time: 7/2/97 15:45

Sample Integrity: (check)
Intact _____ on Ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/16/97
Reported: 07/16/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070220	OA1-RE1-SP1	2,100
97070221	OA1-RE1-SP2	1,000
97070226	OA1-RE1-SP7	3,100

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP1

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070220
Laboratory Reference #: MWI 9338

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	100
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	80
Cobalt	6010	80	8000	0.5	7.4
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	190
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	11
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	33
Zinc	6010	250	5000	0.1	44

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP2

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070221
Laboratory Reference #: MWI 9338

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	87
Cobalt	6010	80	8000	0.5	7.3
Copper	6010	25	2500	0.1	14
Lead	6010	5.0	1000	1.0	220
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	34
Zinc	6010	250	5000	0.1	60

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP7

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070226
Laboratory Reference #: MWI 9338

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	110
Cobalt	6010	80	8000	0.5	7.0
Copper	6010	25	2500	0.1	20
Lead	6010	5.0	1000	1.0	14
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	13
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	36
Zinc	6010	250	5000	0.1	65

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE1-SP1
Laboratory Sample Number: 97070220
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/23/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	25	N.D.
Bromodichloromethane	75-27-4	25	N.D.
Bromoform	75-25-2	25	N.D.
Bromomethane	74-83-9	25	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	25	N.D.
Chlorobenzene	108-90-7	25	N.D.
Chlorodibromomethane	124-48-1	25	N.D.
Chloroethane	75-00-3	25	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	25	N.D.
Chloromethane	74-87-3	25	N.D.
1,1-Dichloroethane	75-34-3	25	N.D.
1,2-Dichloroethane	107-06-2	25	N.D.
1,1-Dichloroethene	75-35-4	25	N.D.
Trans 1,2-Dichloroethene	156-60-5	25	N.D.
1,2-Dichloropropane	78-87-5	25	N.D.
cis-1,3-Dichloropropene	10061-01-5	25	N.D.
trans-1,3-Dichloropropene	10061-02-6	25	N.D.
Ethylbenzene	100-41-4	25	N.D.
Methylene chloride	75-09-2	50	N.D.
Styrene	100-42-5	25	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	25	N.D.
Tetrachloroethene	127-18-4	25	N.D.
Toluene	108-88-3	25	N.D.
1,1,1-Trichloroethane	71-55-6	25	N.D.
1,1,2-Trichloroethane	79-00-5	25	N.D.
Trichloroethene	79-01-6	25	N.D.
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	50	N.D.
Vinyl chloride	75-01-4	25	N.D.
Total Xylenes	1330-20-7	25	N.D.
Dichlorodifluoromethane	75-71-8	25	N.D.
cis-1-2,-Dichloroethene	156-59-2	25	N.D.
2,2-Dichloropropane	594-20-7	25	N.D.
Bromochloromethane	74-97-5	25	N.D.
1,1-Dichloropropene	563-58-6	25	N.D.
Dibromomethane	74-95-3	25	N.D.
1,2-Dibromoethane	106-93-4	25	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE1-SP1
Laboratory Sample #: 97070220

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	25	N.D.	
Isopropylbenzene	98-82-8	25	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	25	N.D.	
1,2,3-Trichloropropane	96-18-4	25	N.D.	
Bromobenzene	108-86-1	25	N.D.	
n-Propylbenzene	103-65-1	25	N.D.	
2-Chlorotoluene	95-49-8	25	N.D.	
1,3,5-Trimethylbenzene	108-67-8	25	130	<---
4-Chlorotoluene	106-43-4	25	N.D.	
tert-Butylbenzene	98-06-6	25	N.D.	
1,2,4-Trimethylbenzene	95-63-6	25	160	<---
sec-Butylbenzene	135-98-8	25	N.D.	
4-Isopropyltoluene	99-87-6	25	N.D.	
1,3-Dichlorobenzene	541-73-1	25	N.D.	
1,4-Dichlorobenzene	106-46-7	25	N.D.	
n-Butylbenzene	104-51-8	25	31	<---
1,2-Dichlorobenzene	95-50-1	25	N.D.	
1-2-Dibromo-3-CPA	96-12-8	50	N.D.	
1,2,4-Trichlorobenzene	120-82-1	25	N.D.	
Hexachlorobutadiene	87-68-3	25	N.D.	
Naphthalene	91-20-3	25	100	<---
1,2,3-Trichlorobenzene	87-61-6	25	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	97
Toluene-d8	98
4-Bromofluorobenzene	93

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE1-SP2
Laboratory Sample Number: 97070221
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/23/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	25	N.D.
Bromodichloromethane	75-27-4	25	N.D.
Bromoform	75-25-2	25	N.D.
Bromomethane	74-83-9	25	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	25	N.D.
Chlorobenzene	108-90-7	25	N.D.
Chlorodibromomethane	124-48-1	25	N.D.
Chloroethane	75-00-3	25	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	25	N.D.
Chloromethane	74-87-3	25	N.D.
1,1-Dichloroethane	75-34-3	25	N.D.
1,2-Dichloroethane	107-06-2	25	N.D.
1,1-Dichloroethene	75-35-4	25	N.D.
Trans 1,2-Dichloroethene	156-60-5	25	N.D.
1,2-Dichloropropane	78-87-5	25	N.D.
cis-1,3-Dichloropropene	10061-01-5	25	N.D.
trans-1,3-Dichloropropene	10061-02-6	25	N.D.
Ethylbenzene	100-41-4	25	N.D.
Methylene chloride	75-09-2	50	N.D.
Styrene	100-42-5	25	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	25	N.D.
Tetrachloroethene	127-18-4	25	N.D.
Toluene	108-88-3	25	N.D.
1,1,1-Trichloroethane	71-55-6	25	N.D.
1,1,2-Trichloroethane	79-00-5	25	N.D.
Trichloroethene	79-01-6	25	N.D.
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	50	N.D.
Vinyl chloride	75-01-4	25	N.D.
Total Xylenes	1330-20-7	25	N.D.
Dichlorodifluoromethane	75-71-8	25	N.D.
cis-1-2,-Dichloroethene	156-59-2	25	N.D.
2,2-Dichloropropane	594-20-7	25	N.D.
Bromochloromethane	74-97-5	25	N.D.
1,1-Dichloropropene	563-58-6	25	N.D.
Dibromomethane	74-95-3	25	N.D.
1,2-Dibromoethane	106-93-4	25	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE1-SP2
Laboratory Sample #: 97070221

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	25	N.D.	
Isopropylbenzene	98-82-8	25	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	25	N.D.	
1,2,3-Trichloropropane	96-18-4	25	N.D.	
Bromobenzene	108-86-1	25	N.D.	
n-Propylbenzene	103-65-1	25	N.D.	
2-Chlorotoluene	95-49-8	25	N.D.	
1,3,5-Trimethylbenzene	108-67-8	25	44	<---
4-Chlorotoluene	106-43-4	25	N.D.	
tert-Butylbenzene	98-06-6	25	N.D.	
1,2,4-Trimethylbenzene	95-63-6	25	110	<---
sec-Butylbenzene	135-98-8	25	N.D.	
4-Isopropyltoluene	99-87-6	25	N.D.	
1,3-Dichlorobenzene	541-73-1	25	N.D.	
1,4-Dichlorobenzene	106-46-7	25	N.D.	
n-Butylbenzene	104-51-8	25	40	<---
1,2-Dichlorobenzene	95-50-1	25	N.D.	
1-2-Dibromo-3-CPA	96-12-8	50	N.D.	
1,2,4-Trichlorobenzene	120-82-1	25	N.D.	
Hexachlorobutadiene	87-68-3	25	N.D.	
Naphthalene	91-20-3	25	1,000	<---
1,2,3-Trichlorobenzene	87-61-6	25	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	99
Toluene-d8	94
4-Bromofluorobenzene	97

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

Sample Description: Soil, OA1-RE1-SP7
Laboratory Sample Number: 97070226
Laboratory Reference #: MWI 9338

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Benzene	71-43-2	400	N.D.	
Bromodichloromethane	75-27-4	400	N.D.	
Bromoform	75-25-2	400	N.D.	
Bromomethane	74-83-9	400	N.D.	
Carbon Disulfide	75-15-0	800	N.D.	
Carbon tetrachloride	56-23-5	400	N.D.	
Chlorobenzene	108-90-7	400	N.D.	
Chlorodibromomethane	124-48-1	400	N.D.	
Chloroethane	75-00-3	400	N.D.	
2-Chloroethyl vinyl ether	110-75-8	800	N.D.	
Chloroform	67-66-3	400	N.D.	
Chloromethane	74-87-3	400	N.D.	
1,1-Dichloroethane	75-34-3	400	N.D.	
1,2-Dichloroethane	107-06-2	400	N.D.	
1,1-Dichloroethene	75-35-4	400	N.D.	
Trans 1,2-Dichloroethene	156-60-5	400	N.D.	
1,2-Dichloropropane	78-87-5	400	N.D.	
cis-1,3-Dichloropropene	10061-01-5	400	N.D.	
trans-1,3-Dichloropropene	10061-02-6	400	N.D.	
Ethylbenzene	100-41-4	400	1,700	<---
Methylene chloride	75-09-2	800	N.D.	
Styrene	100-42-5	400	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	400	N.D.	
Tetrachloroethene	127-18-4	400	N.D.	
Toluene	108-88-3	400	N.D.	
1,1,1-Trichloroethane	71-55-6	400	N.D.	
1,1,2-Trichloroethane	79-00-5	400	N.D.	
Trichloroethene	79-01-6	400	N.D.	
Trichlorofluoromethane	75-69-4	800	N.D.	
Vinyl acetate	108-05-4	800	N.D.	
Vinyl chloride	75-01-4	400	N.D.	
Total Xylenes	1330-20-7	400	13,000	<---
Dichlorodifluoromethane	75-71-8	400	N.D.	
cis-1-2,-Dichloroethene	156-59-2	400	N.D.	
2,2-Dichloropropane	594-20-7	400	N.D.	
Bromochloromethane	74-97-5	400	N.D.	
1,1-Dichloropropene	563-58-6	400	N.D.	
Dibromomethane	74-95-3	400	N.D.	
1,2-Dibromoethane	106-93-4	400	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE1-SP7
Laboratory Sample #: 97070226

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	400	N.D.	
Isopropylbenzene	98-82-8	400	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	400	N.D.	
1,2,3-Trichloropropane	96-18-4	400	N.D.	
Bromobenzene	108-86-1	400	N.D.	
n-Propylbenzene	103-65-1	400	920	<---
2-Chlorotoluene	95-49-8	400	N.D.	
1,3,5-Trimethylbenzene	108-67-8	400	9,600	<---
4-Chlorotoluene	106-43-4	400	N.D.	
tert-Butylbenzene	98-06-6	400	N.D.	
1,2,4-Trimethylbenzene	95-63-6	400	23,000	<---
sec-Butylbenzene	135-98-8	400	N.D.	
4-Isopropyltoluene	99-87-6	400	N.D.	
1,3-Dichlorobenzene	541-73-1	400	N.D.	
1,4-Dichlorobenzene	106-46-7	400	N.D.	
n-Butylbenzene	104-51-8	400	1,100	<---
1,2-Dichlorobenzene	95-50-1	400	N.D.	
1-2-Dibromo-3-CPA	96-12-8	800	N.D.	
1,2,4-Trichlorobenzene	120-82-1	400	N.D.	
Hexachlorobutadiene	87-68-3	400	N.D.	
Naphthalene	91-20-3	400	64,000	<----
1,2,3-Trichlorobenzene	87-61-6	400	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	97
4-Bromofluorobenzene	93

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE1-SP1
Laboratory Sample Number: 97070220
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/17/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2000	2,900
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	1,700
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	72,000
Benzo (b) fluoranthene	205-99-2	5000	76,000
Benzo (k) fluoranthene	207-08-9	5000	33,000
Benzo (g,h,i)perylene	191-24-2	5000	28,000
Benzo (a) pyrene	50-32-8	5000	40,000
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	200,000
Dibenz(a,h)anthracene	53-70-3	2000	9,700
Dibenzofuran	132-64-9	2000	N.D.
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE1-SP1
Laboratory Sample #: 97070220

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	180,000
Fluorene	86-73-7	5000	11,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	19,000
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	85,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	18,000
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	95,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	220,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Sample Description: Soil, OA1-RE1-SP2
Laboratory Sample Number: 97070221
Laboratory Reference #: MWI 9338

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	200	620
Acenaphthylene	208-96-8	200	N.D.
Aniline	62-53-3	200	N.D.
Anthracene	120-12-7	200	1,800
Benzoic Acid	65-85-0	1000	N.D.
Benzo (a) anthracene	56-55-3	200	5,100
Benzo (b) fluoranthene	205-99-2	500	6,200
Benzo (k) fluoranthene	207-08-9	500	2,200
Benzo (g,h,i)perylene	191-24-2	500	3,000
Benzo (a) pyrene	50-32-8	500	3,700
Benzyl alcohol	100-51-6	200	N.D.
Bis(2-chloroethoxy)methane	111-91-1	200	N.D.
Bis(2-chloroethyl)ether	111-44-4	200	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	200	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	200	N.D.
4-Bromophenyl phenyl ether	101-55-3	200	N.D.
Butyl benzyl phthalate	85-68-7	200	N.D.
4-Chloroaniline	106-47-8	200	N.D.
2-Chloronaphthalene	91-58-7	200	N.D.
4-Chloro-3-methylphenol	59-50-7	200	N.D.
2-Chlorophenol	95-57-8	200	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	200	N.D.
Chrysene	218-0109	200	9,900
Dibenz(a,h)anthracene	53-70-3	200	1,000
Dibenzofuran	132-64-9	200	N.D.
Di-N-butyl phthalate	84-74-2	500	N.D.
1,3-Dichlorobenzene	541-73-1	200	N.D.
1,4-Dichlorobenzene	106-46-7	200	N.D.
1,2-Dichlorobenzene	95-50-1	200	N.D.
3,3-Dichlorobenzidine	91-94-1	200	N.D.
2,4-Dichlorophenol	120-83-2	200	N.D.
Diethyl phthalate	84-66-2	200	N.D.
2,4-Dimethylphenol	105-67-9	200	N.D.
Dimethyl phthalate	131-11-3	200	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	200	N.D.
2,4-Dinitrophenol	51-28-5	200	N.D.
2,4-Dinitrotoluene	121-14-2	200	N.D.
2,6-Dinitrotoluene	606-20-2	200	N.D.
Di-N-octyl phthalate	117-84-0	200	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE1-SP2
Laboratory Sample #: 97070221

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	500	9,900
Fluorene	86-73-7	500	1,700
Hexachlorobenzene	118-74-1	500	N.D.
Hexachlorobutadiene	87-68-3	200	N.D.
Hexachlorocyclopentadiene	77-47-4	200	N.D.
Hexachloroethane	67-72-1	200	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	500	1,900
Isophorone	78-59-1	200	N.D.
2-Methylnaphthalene	91-57-6	200	8,600
2-Methylphenol	95-48-7	200	N.D.
4-Methylphenol	106-44-5	200	N.D.
Naphthalene	91-20-3	200	1,000
2-Nitroaniline	88-74-4	500	N.D.
3-Nitroaniline	99-09-2	500	N.D.
4-Nitroaniline	100-01-6	500	N.D.
Nitrobenzene	98-95-3	200	N.D.
2-Nitrophenol	88-75-5	200	N.D.
4-Nitrophenol	100-02-7	200	N.D.
N-Nitrosodiphenylamine	86-30-6	200	N.D.
N-Nitroso-di-N-propylamine	621-64-7	200	N.D.
N-Nitrosodimethylamine	62-75-9	200	N.D.
Pentachlorophenol	87-86-5	500	N.D.
Phenanthrene	85-01-8	200	12,000
Phenol	108-95-2	200	N.D.
Pyrene	129-00-0	200	20,000
1,2,4-Trichlorobenzene	120-82-1	200	N.D.
2,4,5-Trichlorophenol	95-95-4	200	N.D.
2,4,6-Trichlorophenol	88-06-2	200	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP7
Laboratory Sample Number: 97070226
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/17/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2000	3,500
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	7,500
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	14,000
Benzo (b) fluoranthene	205-99-2	5000	12,000
Benzo (k) fluoranthene	207-08-9	5000	N.D.
Benzo (g,h,i)perylene	191-24-2	5000	10,000
Benzo (a) pyrene	50-32-8	5000	N.D.
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	31,000
Dibenz(a,h)anthracene	53-70-3	2000	N.D.
Dibenzofuran	132-64-9	2000	N.D.
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE1-SP7
Laboratory Sample #: 97070226

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	18,000
Fluorene	86-73-7	5000	10,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	N.D.
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	160,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	41,000
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	59,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	55,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070228	Equip Blank	N.D.
97070229	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070228

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	90
Toluene-d8	101
4-Bromofluorobenzene	94

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070229

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	89
Toluene-d8	100
4-Bromofluorobenzene	94

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070230
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

ORANGE COAST ANALYTICAL, INC.
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070230

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	88
Toluene-d8	99
4-Bromofluorobenzene	92

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070228

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinstate Blank
Laboratory Sample #: 97070229

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/16/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9338

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	101	101	101	101	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

MARK NOORANI
Laboratory Director

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9338

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.0	2.3	80	92	14

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/16/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9338

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	31.0	29.0	103	97	7
Arsenic	0.0	10.0	8.1	8.5	81	85	5
Barium	8.0	10.0	20.0	19.8	120	118	1
Beryllium	0.00	1.00	1.20	1.05	120	105	13
Cadmium	0.00	1.00	1.06	1.03	106	103	3
Chromium (Total)	1.80	5.00	7.20	7.10	108	106	1
Chromium (VI)	0.00	1.00	0.98	0.94	98	94	4
Cobalt	0.59	1.00	1.62	1.50	103	91	8
Copper	0.99	1.00	2.13	2.04	114	105	4
Lead	0.00	10.0	9.2	9.6	92	96	4
Mercury	0.000	0.020	0.016	0.017	80	85	6
Molybdenum	0.0	10.0	9.5	9.5	95	95	0
Nickel	0.69	5.00	5.8	5.6	102	98	4
Selenium	0.0	10.0	9.8	10.9	98	109	11
Silver	0.0	5.0	4.1	4.3	82	86	5
Thallium	0.0	30.0	25.0	23.0	83	77	8
Vanadium	2.5	5.0	8.0	8.0	110	110	0
Zinc	2.6	5.0	7.6	7.4	100	96	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/16/97
Laboratory Sample No : 97070229
Laboratory Reference No : MWI 9338

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.10	3.20	103	107	3
Arsenic	0.00	1.00	1.08	1.15	108	115	6
Barium	0.000	0.100	0.109	0.102	109	102	7
Beryllium	0.00	0.100	0.106	0.108	106	108	2
Cadmium	0.00	0.100	0.116	0.116	116	116	0
Chromium (VI)	0.00	0.50	0.44	0.49	88	98	11
Chromium (Total)	0.00	0.100	0.102	0.109	102	109	7
Cobalt	0.00	0.100	0.094	0.108	94	108	14
Copper	0.000	0.100	0.107	0.106	107	106	1
Lead	0.00	1.00	0.95	1.03	95	103	8
Mercury	0.000	0.020	0.019	0.020	95	100	5
Molybdenum	0.00	1.00	0.98	1.03	98	103	5
Nickel	0.00	0.50	0.49	0.51	98	102	4
Selenium	0.00	1.00	1.17	1.08	117	108	8
Silver	0.00	0.50	0.50	0.50	100	100	0
Thallium	0.00	3.00	3.20	3.40	107	113	6
Vanadium	0.00	0.50	0.55	0.54	110	108	2
Zinc	0.000	0.100	0.107	0.108	107	108	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/16/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	53	54	106	108	2
1,1-Dichloroethene	0.0	50	51	49	102	98	4
Trichloroethene	0.0	50	50	49	100	98	2
Toluene	0.0	50	52	54	104	108	4
Chlorobenzene	0.0	50	48	49	96	98	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/17/97
Laboratory Sample No : 97070137
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	47	46	94	92	2
1,1-Dichloroethene	0.0	50	44	44	88	88	0
Trichloroethene	0.0	50	44	45	88	90	2
Toluene	2.3	50	44	46	83	87	4
Chlorobenzene	0.0	50	45	46	90	92	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/18/97
Laboratory Sample No : 97070269
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	18	17	90	85	6
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	19	18	95	90	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	1.2	110	120	9

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	15	100	75	29

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/16/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9338

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	47	46	94	92	2
n-Nitroso-di-n-propylamine	0.0	50	48	48	96	96	0
1,2,4-Trichlorobenzene	0.0	50	46	46	92	92	0
Acenaphthene	0.0	50	49	49	98	98	0
Pyrene	0.0	50	48	47	96	94	2
Pentachlorophenol	0.0	100	81	88	81	88	8
4-Chloro-3-Methylphenol	0.0	100	74	77	74	77	4
2-Chlorophenol	0.0	100	78	78	78	78	0
Phenol	0.0	100	72	73	72	73	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9338

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	35	72	70	3
n-Nitroso-di-n-propylamine	0.0	50	44	44	88	88	0
1,2,4-Trichlorobenzene	0.0	50	38	37	76	74	3
Acenaphthene	0.0	50	47	46	94	92	2
Pyrene	0.0	50	46	46	92	92	0
Pentachlorophenol	0.0	100	79	77	79	77	3
4-Chloro-3-Methylphenol	0.0	100	72	69	72	69	4
2-Chlorophenol	0.0	100	75	73	75	73	3
Phenol	0.0	100	25	23	25	23	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: ____
Page 1 of 1

REQUIRED TAT: 24hr TAT on TRPH (SOILS ONLY) Standard TAT otherwise

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Montgomery Watson	PROJECT NAME: McDonnell Douglas
SEND REPORT TO: Fred Strauss	NUMBER: 1206035.01090010
ADDRESS: 250 N Madison Ave	LOCATION: C-6 facility
Pasadena CA 91101	ADDRESS: 19503 S Normandie
	Los Angeles, CA
PHONE: (818) 568-6582 FAX: (818) 796-5991	SAMPLED BY: AN / IV

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080	REMARKS/PRECAUTIONS
OA1-RE1-SP1	2	7/15/97	1030	Soil	2"x2" SS Sleeve	Ice	X	X	X	X			
OA1-RE1-SP2	2		1120				X	X	X	X			
OA1-RE1-SP3	2		1320				X	X	X	X			
OA1-RE1-SP4	2		1340				X	X	X	X			
OA1-RE1-SP5	2		1420				X	X	X	X			
OA1-RE1-SP6	2		1500				X	X	X	X			
OA1-RE1-SP7	2		1515				X	X	X	X			
OA1-RE1-SP8	2		1530				X	X	X	X			
EQUIPMENT BLANK	7		1500	Water	Amber 1 poly 2 VOAs	None HNO3 HCL	X	X	X	X	X	X	
RINSATE BLANK	7		1530				X	X	X	X	X	X	
Trip Blank	2		—		2 VOAs	HCL			X				

Total No. of Samples: 11

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/15/97 1600		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 7/15/97 16:00

Reporting Format: (check)
NORMAL ____ S.D. HMMD ____
RWQCB ____ OTHER ____

Sample Integrity: (check)
intact ____ on ice ____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026038

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9338A

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 08/04/97
Reported: 08/04/97

STLC CHROMIUM (TITLE 22/EPA 6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070220	OA1-RE1-SP1	0.27
97070221	OA1-RE1-SP2	1.8
97070226	OA1-RE1-SP7	0.56
Detection Limit:		0.1

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9338A

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 08/04/97
Reported: 08/04/97

TCLP CHROMIUM (EPA 1311/6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070220	OA1-RE1-SP1	N.D.
97070221	OA1-RE1-SP2	0.13
97070226	OA1-RE1-SP7	N.D.
Detection Limit:		0.1

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9338A

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 08/04/97
Reported: 08/04/97

STLC LEAD (TITLE 22/EPA 6010)

Laboratory Sample Number	Client Sample Number	Sample Results (ppm)
97070220	OA1-RE1-SP1	N.D.
97070221	OA1-RE1-SP2	4.5
Detection Limit:		1.0

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9338A

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 08/04/97
Reported: 08/04/97

TCLP LEAD (EPA 1311/6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070220	OA1-RE1-SP1	N.D.
97070221	OA1-RE1-SP2	N.D.
Detection Limit:		1.0

Analyte reported as N.D. was not present above the stated limit of detection.

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QC DATA REPORT

Analysis : STLC (EPA 6010)

Date of Analysis : 08/04/97
Laboratory Sample No : 97070265
Laboratory Reference No : MWI 9338A

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Chromium	2.3	2.0	4.4	4.2	105	95	5
Lead	6.0	10.0	15.0	15.4	90	94	3

Definition of Terms :

R1	Results Of First Analysis
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MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS + MSD)} x 100 x 2

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QC DATA REPORT

Analysis : TCLP (EPA 6010)

Date of Analysis : 08/04/97
Laboratory Sample No : 97070221
Laboratory Reference No : MWI 9338A

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Chromium	0.13	1.00	1.08	1.18	95	105	9
Lead	0.0	10	9.0	10	90	100	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/17/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070242	OA1-RE1-SP9	700
97070243	OA1-RE1-SP10	13,000
97070244	OA1-RE2-SP1A	8,300
97070245	OA1-RE2-SP1B	83
97070247	OA1-RE2-SP3	240
Detection Limit:		8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP9

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070242
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	31
Cobalt	6010	80	8000	0.5	8.3
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	13
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	36
Zinc	6010	250	5000	0.1	45

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP10

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070243
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	95
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	38
Cobalt	6010	80	8000	0.5	6.6
Copper	6010	25	2500	0.1	11
Lead	6010	5.0	1000	1.0	21
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	11
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	28
Zinc	6010	250	5000	0.1	41

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP1A

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070244
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	81
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	43
Cobalt	6010	80	8000	0.5	5.9
Copper	6010	25	2500	0.1	9.6
Lead	6010	5.0	1000	1.0	4.2
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	8.6
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	25
Zinc	6010	250	5000	0.1	29

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

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP1B

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070245
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	29
Cobalt	6010	80	8000	0.5	8.1
Copper	6010	25	2500	0.1	11
Lead	6010	5.0	1000	1.0	5.0
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	14
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	27
Zinc	6010	250	5000	0.1	48

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP3

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070247
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	77
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	21
Cobalt	6010	80	8000	0.5	6.1
Copper	6010	25	2500	0.1	9.5
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	7.5
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	25
Zinc	6010	250	5000	0.1	28

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/23/97

Sample Description: Soil, OA1-RE1-SP9
Laboratory Sample Number: 97070242
Laboratory Reference #: MWI 9344

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	25	N.D.
Bromodichloromethane	75-27-4	25	N.D.
Bromoform	75-25-2	25	N.D.
Bromomethane	74-83-9	25	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	25	N.D.
Chlorobenzene	108-90-7	25	N.D.
Chlorodibromomethane	124-48-1	25	N.D.
Chloroethane	75-00-3	25	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	25	N.D.
Chloromethane	74-87-3	25	N.D.
1,1-Dichloroethane	75-34-3	25	N.D.
1,2-Dichloroethane	107-06-2	25	N.D.
1,1-Dichloroethene	75-35-4	25	N.D.
Trans 1,2-Dichloroethene	156-60-5	25	N.D.
1,2-Dichloropropane	78-87-5	25	N.D.
cis-1,3-Dichloropropene	10061-01-5	25	N.D.
trans-1,3-Dichloropropene	10061-02-6	25	N.D.
Ethylbenzene	100-41-4	25	N.D.
Methylene chloride	75-09-2	50	N.D.
Styrene	100-42-5	25	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	25	N.D.
Tetrachloroethene	127-18-4	25	N.D.
Toluene	108-88-3	25	N.D.
1,1,1-Trichloroethane	71-55-6	25	N.D.
1,1,2-Trichloroethane	79-00-5	25	N.D.
Trichloroethene	79-01-6	25	N.D.
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	50	N.D.
Vinyl chloride	75-01-4	25	N.D.
Total Xylenes	1330-20-7	25	N.D.
Dichlorodifluoromethane	75-71-8	25	N.D.
cis-1-2,-Dichloroethene	156-59-2	25	N.D.
2,2-Dichloropropane	594-20-7	25	N.D.
Bromochloromethane	74-97-5	25	N.D.
1,1-Dichloropropene	563-58-6	25	N.D.
Dibromomethane	74-95-3	25	N.D.
1,2-Dibromoethane	106-93-4	25	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE1-SP9
Laboratory Sample #: 97070242

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	25	N.D.	
Isopropylbenzene	98-82-8	25	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	25	N.D.	
1,2,3-Trichloropropane	96-18-4	25	N.D.	
Bromobenzene	108-86-1	25	N.D.	
n-Propylbenzene	103-65-1	25	63	<---
2-Chlorotoluene	95-49-8	25	N.D.	
1,3,5-Trimethylbenzene	108-67-8	25	N.D.	
4-Chlorotoluene	106-43-4	25	N.D.	
tert-Butylbenzene	98-06-6	25	N.D.	
1,2,4-Trimethylbenzene	95-63-6	25	110	<---
sec-Butylbenzene	135-98-8	25	N.D.	
4-Isopropyltoluene	99-87-6	25	N.D.	
1,3-Dichlorobenzene	541-73-1	25	N.D.	
1,4-Dichlorobenzene	106-46-7	25	N.D.	
n-Butylbenzene	104-51-8	25	110	<---
1,2-Dichlorobenzene	95-50-1	25	N.D.	
1-2-Dibromo-3-CPA	96-12-8	50	N.D.	
1,2,4-Trichlorobenzene	120-82-1	25	N.D.	
Hexachlorobutadiene	87-68-3	25	N.D.	
Naphthalene	91-20-3	25	4,300	<---
1,2,3-Trichlorobenzene	87-61-6	25	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	91
Toluene-d8	98
4-Bromofluorobenzene	93

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample Number: 97070243
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	N.D.
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethene	156-59-2	50	N.D.
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample #: 97070243

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	50	N.D.	
Isopropylbenzene	98-82-8	50	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	50	N.D.	
1,2,3-Trichloropropane	96-18-4	50	N.D.	
Bromobenzene	108-86-1	50	N.D.	
n-Propylbenzene	103-65-1	50	N.D.	
2-Chlorotoluene	95-49-8	50	N.D.	
1,3,5-Trimethylbenzene	108-67-8	50	110	<---
4-Chlorotoluene	106-43-4	50	N.D.	
tert-Butylbenzene	98-06-6	50	N.D.	
1,2,4-Trimethylbenzene	95-63-6	50	N.D.	
sec-Butylbenzene	135-98-8	50	N.D.	
4-Isopropyltoluene	99-87-6	50	N.D.	
1,3-Dichlorobenzene	541-73-1	50	N.D.	
1,4-Dichlorobenzene	106-46-7	50	N.D.	
n-Butylbenzene	104-51-8	50	N.D.	
1,2-Dichlorobenzene	95-50-1	50	N.D.	
1-2-Dibromo-3-CPA	96-12-8	100	N.D.	
1,2,4-Trichlorobenzene	120-82-1	50	N.D.	
Hexachlorobutadiene	87-68-3	50	N.D.	
Naphthalene	91-20-3	50	860	<---
1,2,3-Trichlorobenzene	87-61-6	50	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	99
4-Bromofluorobenzene	94

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Sample Description: Soil, OA1-RE2-SP1A
Laboratory Sample Number: 97070244
Laboratory Reference #: MWI 9344

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Benzene	71-43-2	500	N.D.	
Bromodichloromethane	75-27-4	500	N.D.	
Bromoform	75-25-2	500	N.D.	
Bromomethane	74-83-9	500	N.D.	
Carbon Disulfide	75-15-0	1000	N.D.	
Carbon tetrachloride	56-23-5	500	N.D.	
Chlorobenzene	108-90-7	500	N.D.	
Chlorodibromomethane	124-48-1	500	N.D.	
Chloroethane	75-00-3	500	N.D.	
2-Chloroethyl vinyl ether	110-75-8	1000	N.D.	
Chloroform	67-66-3	500	N.D.	
Chloromethane	74-87-3	500	N.D.	
1,1-Dichloroethane	75-34-3	500	N.D.	
1,2-Dichloroethane	107-06-2	500	N.D.	
1,1-Dichloroethene	75-35-4	500	N.D.	
Trans 1,2-Dichloroethene	156-60-5	500	N.D.	
1,2-Dichloropropane	78-87-5	500	N.D.	
cis-1,3-Dichloropropene	10061-01-5	500	N.D.	
trans-1,3-Dichloropropene	10061-02-6	500	N.D.	
Ethylbenzene	100-41-4	500	2,500	<---
Methylene chloride	75-09-2	1000	N.D.	
Styrene	100-42-5	500	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	500	N.D.	
Tetrachloroethene	127-18-4	500	N.D.	
Toluene	108-88-3	500	N.D.	
1,1,1-Trichloroethane	71-55-6	500	N.D.	
1,1,2-Trichloroethane	79-00-5	500	N.D.	
Trichloroethene	79-01-6	500	N.D.	
Trichlorofluoromethane	75-69-4	1000	N.D.	
Vinyl acetate	108-05-4	1000	N.D.	
Vinyl chloride	75-01-4	500	N.D.	
Total Xylenes	1330-20-7	500	4,200	<---
Dichlorodifluoromethane	75-71-8	500	N.D.	
cis-1-2,-Dichloroethene	156-59-2	500	N.D.	
2,2-Dichloropropane	594-20-7	500	N.D.	
Bromochloromethane	74-97-5	500	N.D.	
1,1-Dichloropropene	563-58-6	500	N.D.	
Dibromomethane	74-95-3	500	N.D.	
1,2-Dibromoethane	106-93-4	500	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE2-SP1A
Laboratory Sample #: 97070244

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	500	N.D.	
Isopropylbenzene	98-82-8	500	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	500	N.D.	
1,2,3-Trichloropropane	96-18-4	500	N.D.	
Bromobenzene	108-86-1	500	N.D.	
n-Propylbenzene	103-65-1	500	1,600	<---
2-Chlorotoluene	95-49-8	500	N.D.	
1,3,5-Trimethylbenzene	108-67-8	500	580	<---
4-Chlorotoluene	106-43-4	500	N.D.	
tert-Butylbenzene	98-06-6	500	N.D.	
1,2,4-Trimethylbenzene	95-63-6	500	36,000	<---
sec-Butylbenzene	135-98-8	500	N.D.	
4-Isopropyltoluene	99-87-6	500	N.D.	
1,3-Dichlorobenzene	541-73-1	500	N.D.	
1,4-Dichlorobenzene	106-46-7	500	N.D.	
n-Butylbenzene	104-51-8	500	2,700	<---
1,2-Dichlorobenzene	95-50-1	500	N.D.	
1-2-Dibromo-3-CPA	96-12-8	1000	N.D.	
1,2,4-Trichlorobenzene	120-82-1	500	N.D.	
Hexachlorobutadiene	87-68-3	500	N.D.	
Naphthalene	91-20-3	500	110,000	<---
1,2,3-Trichlorobenzene	87-61-6	500	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	89
Toluene-d8	96
4-Bromofluorobenzene	96

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP1B
Laboratory Sample Number: 97070245
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	2.5	N.D.
Bromodichloromethane	75-27-4	2.5	N.D.
Bromoform	75-25-2	2.5	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	N.D.
Carbon tetrachloride	56-23-5	2.5	N.D.
Chlorobenzene	108-90-7	2.5	N.D.
Chlorodibromomethane	124-48-1	2.5	N.D.
Chloroethane	75-00-3	2.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
Chloromethane	74-87-3	2.5	N.D.
1,1-Dichloroethane	75-34-3	2.5	N.D.
1,2-Dichloroethane	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.
1,2-Dichloropropane	78-87-5	2.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.
Ethylbenzene	100-41-4	2.5	N.D.
Methylene chloride	75-09-2	5.0	N.D.
Styrene	100-42-5	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
Tetrachloroethene	127-18-4	2.5	N.D.
Toluene	108-88-3	2.5	N.D.
1,1,1-Trichloroethane	71-55-6	2.5	N.D.
1,1,2-Trichloroethane	79-00-5	2.5	N.D.
Trichloroethene	79-01-6	2.5	N.D.
Trichlorofluoromethane	75-69-4	5.0	N.D.
Vinyl acetate	108-05-4	5.0	N.D.
Vinyl chloride	75-01-4	2.5	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorodifluoromethane	75-71-8	2.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.
2,2-Dichloropropane	594-20-7	2.5	N.D.
Bromochloromethane	74-97-5	2.5	N.D.
1,1-Dichloropropene	563-58-6	2.5	N.D.
Dibromomethane	74-95-3	2.5	N.D.
1,2-Dibromoethane	106-93-4	2.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE2-SP1B
Laboratory Sample #: 97070245

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	2.5	N.D.
Isopropylbenzene	98-82-8	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
1,2,3-Trichloropropane	96-18-4	2.5	N.D.
Bromobenzene	108-86-1	2.5	N.D.
n-Propylbenzene	103-65-1	2.5	N.D.
2-Chlorotoluene	95-49-8	2.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	2.5	N.D.
4-Chlorotoluene	106-43-4	2.5	N.D.
tert-Butylbenzene	98-06-6	2.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	2.5	N.D.
sec-Butylbenzene	135-98-8	2.5	N.D.
4-Isopropyltoluene	99-87-6	2.5	N.D.
1,3-Dichlorobenzene	541-73-1	2.5	N.D.
1,4-Dichlorobenzene	106-46-7	2.5	N.D.
n-Butylbenzene	104-51-8	2.5	N.D.
1,2-Dichlorobenzene	95-50-1	2.5	N.D.
1,2-Dibromo-3-CPA	96-12-8	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.
Hexachlorobutadiene	87-68-3	2.5	N.D.
Naphthalene	91-20-3	2.5	17
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	92
Toluene-d8	97
4-Bromofluorobenzene	89

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP3
Laboratory Sample Number: 97070247
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	5.0	N.D.
Bromodichloromethane	75-27-4	5.0	N.D.
Bromoform	75-25-2	5.0	N.D.
Bromomethane	74-83-9	5.0	N.D.
Carbon Disulfide	75-15-0	10	N.D.
Carbon tetrachloride	56-23-5	5.0	N.D.
Chlorobenzene	108-90-7	5.0	N.D.
Chlorodibromomethane	124-48-1	5.0	N.D.
Chloroethane	75-00-3	5.0	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	5.0	N.D.
Chloromethane	74-87-3	5.0	N.D.
1,1-Dichloroethane	75-34-3	5.0	N.D.
1,2-Dichloroethane	107-06-2	5.0	N.D.
1,1-Dichloroethene	75-35-4	5.0	N.D.
Trans 1,2-Dichloroethene	156-60-5	5.0	N.D.
1,2-Dichloropropane	78-87-5	5.0	N.D.
cis-1,3-Dichloropropene	10061-01-5	5.0	N.D.
trans-1,3-Dichloropropene	10061-02-6	5.0	N.D.
Ethylbenzene	100-41-4	5.0	N.D.
Methylene chloride	75-09-2	10	N.D.
Styrene	100-42-5	5.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	5.0	N.D.
Tetrachloroethene	127-18-4	5.0	N.D.
Toluene	108-88-3	5.0	N.D.
1,1,1-Trichloroethane	71-55-6	5.0	N.D.
1,1,2-Trichloroethane	79-00-5	5.0	N.D.
Trichloroethene	79-01-6	5.0	N.D.
Trichlorofluoromethane	75-69-4	10	N.D.
Vinyl acetate	108-05-4	10	N.D.
Vinyl chloride	75-01-4	5.0	N.D.
Total Xylenes	1330-20-7	5.0	N.D.
Dichlorodifluoromethane	75-71-8	5.0	N.D.
cis-1-2,-Dichloroethene	156-59-2	5.0	N.D.
2,2-Dichloropropane	594-20-7	5.0	N.D.
Bromochloromethane	74-97-5	5.0	N.D.
1,1-Dichloropropene	563-58-6	5.0	N.D.
Dibromomethane	74-95-3	5.0	N.D.
1,2-Dibromoethane	106-93-4	5.0	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE2-SP3
Laboratory Sample #: 97070247

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
1,3-Dichloropropane	142-28-9	5.0	N.D.
Isopropylbenzene	98-82-8	5.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	5.0	N.D.
1,2,3-Trichloropropane	96-18-4	5.0	N.D.
Bromobenzene	108-86-1	5.0	N.D.
n-Propylbenzene	103-65-1	5.0	N.D.
2-Chlorotoluene	95-49-8	5.0	N.D.
1,3,5-Trimethylbenzene	108-67-8	5.0	26
4-Chlorotoluene	106-43-4	5.0	N.D.
tert-Butylbenzene	98-06-6	5.0	N.D.
1,2,4-Trimethylbenzene	95-63-6	5.0	54
sec-Butylbenzene	135-98-8	5.0	N.D.
4-Isopropyltoluene	99-87-6	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
n-Butylbenzene	104-51-8	5.0	8.3
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
1,2-Dibromo-3-CPA	96-12-8	10	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Naphthalene	91-20-3	5.0	260
1,2,3-Trichlorobenzene	87-61-6	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	94
Toluene-d8	95
4-Bromofluorobenzene	90

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE1-SP9
Laboratory Sample Number: 97070242
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	200	890
Acenaphthylene	208-96-8	200	N.D.
Aniline	62-53-3	200	N.D.
Anthracene	120-12-7	200	1,900
Benzoic Acid	65-85-0	1000	N.D.
Benzo (a) anthracene	56-55-3	200	2,800
Benzo (b) fluoranthene	205-99-2	500	2,100
Benzo (k) fluoranthene	207-08-9	500	790
Benzo (g,h,i)perylene	191-24-2	500	2,000
Benzo (a) pyrene	50-32-8	500	2,800
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	3,700
Dibenz(a,h)anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	100	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	500	N.D.
2,6-Dinitrotoluene	606-20-2	500	N.D.
Di-N-octyl phthalate	117-84-0	500	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE1-SP9
Laboratory Sample #: 97070242

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	200	2,500
Fluorene	86-73-7	200	1,600
Hexachlorobenzene	118-74-1	200	N.D.
Hexachlorobutadiene	87-68-3	200	N.D.
Hexachlorocyclopentadiene	77-47-4	200	N.D.
Hexachloroethane	67-72-1	200	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	500	980
Isophorone	78-59-1	200	N.D.
2-Methylnaphthalene	91-57-6	200	31,000
2-Methylphenol	95-48-7	200	N.D.
4-Methylphenol	106-44-5	200	N.D.
Naphthalene	91-20-3	200	6,800
2-Nitroaniline	88-74-4	500	N.D.
3-Nitroaniline	99-09-2	500	N.D.
4-Nitroaniline	100-01-6	500	N.D.
Nitrobenzene	98-95-3	200	N.D.
2-Nitrophenol	88-75-5	200	N.D.
4-Nitrophenol	100-02-7	200	N.D.
N-Nitrosodiphenylamine	86-30-6	200	N.D.
N-Nitroso-di-N-propylamine	621-64-7	200	N.D.
N-Nitrosodimethylamine	62-75-9	200	N.D.
Pentachlorophenol	87-86-5	500	N.D.
Phenanthrene	85-01-8	200	14,000
Phenol	108-95-2	200	N.D.
Pyrene	129-00-0	200	13,000
1,2,4-Trichlorobenzene	120-82-1	200	N.D.
2,4,5-Trichlorophenol	95-95-4	200	N.D.
2,4,6-Trichlorophenol	88-06-2	200	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample Number: 97070243
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	2000	4,300
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	11,000
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	26,000
Benzo (b) fluoranthene	205-99-2	5000	28,000
Benzo (k) fluoranthene	207-08-9	5000	12,000
Benzo (g,h,i)perylene	191-24-2	5000	14,000
Benzo (a) pyrene	50-32-8	5000	22,000
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	48,000
Dibenz(a,h)anthracene	53-70-3	2000	N.D.
Dibenzofuran	132-64-9	2000	N.D.
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample #: 97070243

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	53,000
Fluorene	86-73-7	5000	13,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	6,800
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	160,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	41,000
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	80,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	120,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP1A
Laboratory Sample Number: 97070244
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	2000	6,200
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	16,000
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	43,000
Benzo (b) fluoranthene	205-99-2	5000	55,000
Benzo (k) fluoranthene	207-08-9	5000	19,000
Benzo (g,h,i)perylene	191-24-2	5000	26,000
Benzo (a) pyrene	50-32-8	5000	40,000
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	64,000
Dibenz(a,h)anthracene	53-70-3	2000	6,200
Dibenzofuran	132-64-9	2000	N.D.
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE2-SP1A
Laboratory Sample #: 97070244

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	95,000
Fluorene	86-73-7	5000	19,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	15,000
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	300,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	87,000
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	130,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	200,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP1B
Laboratory Sample Number: 97070245
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	160
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	790
Benzo (b) fluoranthene	205-99-2	250	1,200
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i)perylene	191-24-2	250	420
Benzo (a) pyrene	50-32-8	250	570
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	2,100
Dibenz(a,h)anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE2-SP1B
Laboratory Sample #: 97070245

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	100	1,700
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	300
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	430
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	970
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	2,200
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP3
Laboratory Sample Number: 97070247
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2000	N.D.
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	16,000
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	62,000
Benzo (b) fluoranthene	205-99-2	5000	64,000
Benzo (k) fluoranthene	207-08-9	5000	25,000
Benzo (g,h,i)perylene	191-24-2	5000	18,000
Benzo (a) pyrene	50-32-8	5000	32,000
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	63,000
Dibenz(a,h)anthracene	53-70-3	2000	5,800
Dibenzofuran	132-64-9	2000	4,100
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE2-SP3
Laboratory Sample #: 97070247

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
Fluoranthene	206-44-0	5000	180,000
Fluorene	86-73-7	5000	12,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	15,000
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	5,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	N.D.
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	120,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	170,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample #: 97070243
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/22/97
Reported: 07/23/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	480
C 13-22	7,600
C 23 & Higher	2,100
Total	10,000

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP10

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/22/97
Reported: 07/23/97

Laboratory Sample Number: 97070243
Laboratory Reference #: MWI 9344

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Recevied: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070248	Equip Blank	N.D.
97070249	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/24/97

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070248

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	101
4-Bromofluorobenzene	93

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070249

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	101
4-Bromofluorobenzene	92

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/24/97

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070250
Laboratory Reference #: MWI 9344

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070250

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	94
Toluene-d8	100
4-Bromofluorobenzene	94

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070248

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070249

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/16/97
Recevied: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/16/97
Recevied: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/17/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	102	99	102	99	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	1.9	1.8	76	72	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/22/97
Laboratory Sample No : 97070186
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	120	140	48	56	15

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	15	100	75	29

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	1.2	110	120	9

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/18/97
Laboratory Sample No : 97070279
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	31.0	31.0	103	103	0
Arsenic	0.0	10.0	8.4	8.6	84	86	2
Barium	3.0	10.0	14.0	14.0	110	110	0
Beryllium	0.00	1.00	1.04	1.01	104	101	3
Cadmium	0.00	1.00	1.04	1.03	104	103	1
Chromium (Total)	1.00	5.00	6.10	6.10	102	102	0
Chromium (VI)	0.00	1.00	0.88	0.90	88	90	2
Cobalt	0.34	1.00	1.34	1.31	100	97	2
Copper	0.89	1.00	1.84	1.87	95	98	2
Lead	0.00	10.0	8.7	8.9	87	89	2
Mercury	0.000	0.020	0.019	0.018	95	90	5
Molybdenum	0.0	10.0	10.7	11.3	107	113	5
Nickel	0.49	5.00	5.7	5.5	104	100	4
Selenium	0.0	10.0	9.9	10.1	99	101	2
Silver	0.0	5.0	4.5	5.0	90	100	11
Thallium	0.0	30.0	30.0	28.0	100	93	7
Vanadium	1.4	5.0	6.4	6.4	100	100	0
Zinc	2.1	5.0	7.3	7.3	104	104	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/18/97
Laboratory Sample No : 97070249
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.70	3.10	90	103	14
Arsenic	0.00	1.00	0.87	1.00	87	100	14
Barium	0.000	0.100	0.097	0.107	97	107	10
Beryllium	0.00	0.100	0.104	0.112	104	112	7
Cadmium	0.00	0.100	0.099	0.114	99	114	14
Chromium (VI)	0.00	0.50	0.44	0.46	88	92	4
Chromium (Total)	0.00	0.100	0.094	0.106	94	106	12
Cobalt	0.00	0.100	0.106	0.120	106	120	12
Copper	0.000	0.100	0.095	0.105	95	105	10
Lead	0.00	1.00	0.96	0.96	96	96	0
Mercury	0.000	0.020	0.020	0.022	100	110	10
Molybdenum	0.00	1.00	0.95	1.09	95	109	14
Nickel	0.00	0.50	0.53	0.57	106	114	7
Selenium	0.00	1.00	0.88	1.00	88	100	13
Silver	0.00	0.50	0.47	0.51	94	102	8
Thallium	0.00	3.00	3.30	3.20	110	107	3
Vanadium	0.00	0.50	0.45	0.52	90	104	14
Zinc	0.000	0.100	0.091	0.105	91	105	14

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/17/97
Laboratory Sample No : 97070137
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	47	46	94	92	2
1,1-Dichloroethene	0.0	50	44	44	88	88	0
Trichloroethene	0.0	50	44	45	88	90	2
Toluene	2.3	50	44	46	83	87	4
Chlorobenzene	0.0	50	45	46	90	92	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	51	104	102	2
1,1-Dichloroethene	0.0	50	50	50	100	100	0
Trichloroethene	0.0	50	46	45	92	90	2
Toluene	0.0	50	51	49	102	98	4
Chlorobenzene	0.0	50	47	46	94	92	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/18/97
Laboratory Sample No : 97070269
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	18	17	90	85	6
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	19	18	95	90	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	82	84	82	84	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9344

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	45	44	90	88	2
n-Nitroso-di-n-propylamine	0.0	50	42	42	84	84	0
1,2,4-Trichlorobenzene	0.0	50	46	46	92	92	0
Acenaphthene	0.0	50	47	47	94	94	0
Pyrene	0.0	50	43	42	86	84	2
entachlorophenol	0.0	100	71	78	71	78	9
4-Chloro-3-Methylphenol	0.0	100	62	76	62	76	20
2-Chlorophenol	0.0	100	77	80	77	80	4
Phenol	0.0	100	69	71	69	71	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Laboratory Director

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9344

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	35	72	70	3
n-Nitroso-di-n-propylamine	0.0	50	44	44	88	88	0
1,2,4-Trichlorobenzene	0.0	50	38	37	76	74	3
Acenaphthene	0.0	50	47	46	94	92	2
Pyrene	0.0	50	46	46	92	92	0
Pentachlorophenol	0.0	100	79	77	79	77	3
4-Chloro-3-Methylphenol	0.0	100	72	69	72	69	4
2-Chlorophenol	0.0	100	75	73	75	73	3
Phenol	0.0	100	25	23	25	23	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

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Laboratory Director

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3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain Custody Record

Lab Job No: ____
Page 1 of 1

REQUIRED TAT: 24 hr TAT on Soil, TRPH only; Standard TAT Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	Mc Donnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	C-6 Facility
		ADDRESS:	19503 S. Normandie Ave. Los Angeles, CA
PHONE:	818-568-6582 FAX: 818-796-5941	SAMPLED BY:	AWN/IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-RE1-SP9	2	7/16/97	1310	SOIL	2"x6" SS Sleeve	ICE	X	X	X	X					
OA1-RE1-SP10	2		1335				X	X	X	X					
OA1-RE2-SP1A	2		1355				X	X	X	X					
OA1-RE2-SP1B	2		1410				X	X	X	X					
OA1-RE2-SP2	2		1430				X	X	X	X					
OA1-RE2-SP3	2		1455				X	X	X	X					
Equipment Blank	7		1500	WATER	4 amber 1 Poly 2 VOAs	None HNO_3 HCl	X	X	X	X	X	X			
Rinsate Blank	7		1515				X	X	X	X	X	X			
Trip Blank	2		—		2 VOAs	HCl			X						

Total No. of Samples: 9

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/16/97 1525		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 7/16/97 15:25

Reporting Format: (check)
NORMAL ____ S.D. HMMD ____
RWQCB ____ OTHER ____

Sample Integrity: (check)
Intact ____ on Ice ____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026103

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6508
Fax: 818 796 5941

Date: 7/17/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please analyze the following sample for Carbon Chain (8015m) and PCBs (8080) on standard turn-around time:

OA1-RE1-SP10

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

TOTAL P.01

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/18/97

Sample Description: Soil,

Laboratory Reference #: MWI 9349

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070262	OA1-RE2-SP4	14,000
97070264	OA1-RE2-SP6	2,300
97070266	OA1-RE2-SP8	4,600

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP4

Sampled: 07/17/97
Recevied: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070262
Laboratory Reference #: MWI 9349

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	1.8
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	27
Cobalt	6010	80	8000	0.5	6.7
Copper	6010	25	2500	0.1	17
Lead	6010	5.0	1000	1.0	30
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	22
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	41
Zinc	6010	250	5000	0.1	64

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

ORANGE COAST ANALYTICAL

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP6

Sampled: 07/17/97
Recevied: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070264
Laboratory Reference #: MWI 9349

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	90
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	1.3
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	29
Cobalt	6010	80	8000	0.5	7.2
Copper	6010	25	2500	0.1	13
Lead	6010	5.0	1000	1.0	9.7
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	16
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	42
Zinc	6010	250	5000	0.1	40

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP8

Sampled: 07/17/97
Recevied: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070266
Laboratory Reference #: MWI 9349

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	91
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	49
Cobalt	6010	80	8000	0.5	6.7
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	27
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	13
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	30
Zinc	6010	250	5000	0.1	110

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

ORANGE COAST ANALYTICAL

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample Number: 97070262
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	170
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethene	156-59-2	50	N.D.
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample #: 97070262

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
1,3-Dichloropropane	142-28-9	50	N.D.
Isopropylbenzene	98-82-8	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
1,2,3-Trichloropropane	96-18-4	50	N.D.
Bromobenzene	108-86-1	50	N.D.
n-Propylbenzene	103-65-1	50	N.D.
2-Chlorotoluene	95-49-8	50	N.D.
1,3,5-Trimethylbenzene	108-67-8	50	210
4-Chlorotoluene	106-43-4	50	N.D.
tert-Butylbenzene	98-06-6	50	N.D.
1,2,4-Trimethylbenzene	95-63-6	50	490
sec-Butylbenzene	135-98-8	50	N.D.
4-Isopropyltoluene	99-87-6	50	N.D.
1,3-Dichlorobenzene	541-73-1	50	N.D.
1,4-Dichlorobenzene	106-46-7	50	N.D.
n-Butylbenzene	104-51-8	50	N.D.
1,2-Dichlorobenzene	95-50-1	50	N.D.
1,2-Dibromo-3-CPA	96-12-8	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	50	N.D.
Hexachlorobutadiene	87-68-3	50	N.D.
Naphthalene	91-20-3	50	2,200
1,2,3-Trichlorobenzene	87-61-6	50	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	89
Toluene-d8	96
4-Bromofluorobenzene	100

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP6
Laboratory Sample Number: 97070264
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/23/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	100	N.D.
Bromodichloromethane	75-27-4	100	N.D.
Bromoform	75-25-2	100	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	200	N.D.
Carbon tetrachloride	56-23-5	100	N.D.
Chlorobenzene	108-90-7	100	N.D.
Chlorodibromomethane	124-48-1	100	N.D.
Chloroethane	75-00-3	100	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	100	N.D.
Chloromethane	74-87-3	100	N.D.
1,1-Dichloroethane	75-34-3	100	N.D.
1,2-Dichloroethane	107-06-2	100	N.D.
1,1-Dichloroethene	75-35-4	100	N.D.
Trans 1,2-Dichloroethene	156-60-5	100	N.D.
1,2-Dichloropropane	78-87-5	100	N.D.
cis-1,3-Dichloropropene	10061-01-5	100	N.D.
trans-1,3-Dichloropropene	10061-02-6	100	N.D.
Ethylbenzene	100-41-4	100	390
Methylene chloride	75-09-2	200	N.D.
Styrene	100-42-5	100	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.
Tetrachloroethene	127-18-4	100	N.D.
Toluene	108-88-3	100	N.D.
1,1,1-Trichloroethane	71-55-6	100	N.D.
1,1,2-Trichloroethane	79-00-5	100	N.D.
Trichloroethene	79-01-6	100	N.D.
Trichlorofluoromethane	75-69-4	200	N.D.
Vinyl acetate	108-05-4	200	N.D.
Vinyl chloride	75-01-4	100	N.D.
Total Xylenes	1330-20-7	100	1,500
Dichlorodifluoromethane	75-71-8	100	N.D.
cis-1-2,-Dichloroethene	156-59-2	100	N.D.
2,2-Dichloropropane	594-20-7	100	N.D.
Bromochloromethane	74-97-5	100	N.D.
1,1-Dichloropropene	563-58-6	100	N.D.
Dibromomethane	74-95-3	100	N.D.
1,2-Dibromoethane	106-93-4	100	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE2-SP6
Laboratory Sample #: 97070264

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
1,3-Dichloropropane	142-28-9	100	N.D.
Isopropylbenzene	98-82-8	100	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.
1,2,3-Trichloropropane	96-18-4	100	N.D.
Bromobenzene	108-86-1	100	N.D.
n-Propylbenzene	103-65-1	100	220
2-Chlorotoluene	95-49-8	100	N.D.
1,3,5-Trimethylbenzene	108-67-8	100	2,000
4-Chlorotoluene	106-43-4	100	N.D.
tert-Butylbenzene	98-06-6	100	N.D.
1,2,4-Trimethylbenzene	95-63-6	100	6,200
sec-Butylbenzene	135-98-8	100	N.D.
4-Isopropyltoluene	99-87-6	100	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
n-Butylbenzene	104-51-8	100	340
1,2-Dichlorobenzene	95-50-1	100	N.D.
1,2-Dibromo-3-CPA	96-12-8	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Naphthalene	91-20-3	100	17,000
1,2,3-Trichlorobenzene	87-61-6	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	92
Toluene-d8	96
4-Bromofluorobenzene	96

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP8
Laboratory Sample Number: 97070266
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/22/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	150
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethene	156-59-2	50	N.D.
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE2-SP8
Laboratory Sample #: 97070266

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
1,3-Dichloropropane	142-28-9	50	N.D.
Isopropylbenzene	98-82-8	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
1,2,3-Trichloropropane	96-18-4	50	N.D.
Bromobenzene	108-86-1	50	N.D.
n-Propylbenzene	103-65-1	50	N.D.
2-Chlorotoluene	95-49-8	50	N.D.
1,3,5-Trimethylbenzene	108-67-8	50	330
4-Chlorotoluene	106-43-4	50	N.D.
tert-Butylbenzene	98-06-6	50	N.D.
1,2,4-Trimethylbenzene	95-63-6	50	970
sec-Butylbenzene	135-98-8	50	N.D.
4-Isopropyltoluene	99-87-6	50	N.D.
1,3-Dichlorobenzene	541-73-1	50	N.D.
1,4-Dichlorobenzene	106-46-7	50	N.D.
n-Butylbenzene	104-51-8	50	120
1,2-Dichlorobenzene	95-50-1	50	N.D.
1,2-Dibromo-3-CPA	96-12-8	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	50	N.D.
Hexachlorobutadiene	87-68-3	50	N.D.
Naphthalene	91-20-3	50	5,500
1,2,3-Trichlorobenzene	87-61-6	50	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	94
Toluene-d8	99
4-Bromofluorobenzene	98

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample Number: 97070262
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2,000	6,200
Acenaphthylene	208-96-8	2,000	N.D.
Aniline	62-53-3	2,000	N.D.
Anthracene	120-12-7	2,000	17,000
Benzoic Acid	65-85-0	10,000	N.D.
Benzo (a) anthracene	56-55-3	2,000	79,000
Benzo (b) fluoranthene	205-99-2	5,000	110,000
Benzo (k) fluoranthene	207-08-9	5,000	33,000
Benzo (g,h,i)perylene	191-24-2	5,000	44,000
Benzo (a) pyrene	50-32-8	5,000	57,000
Benzyl alcohol	100-51-6	2,000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2,000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2,000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2,000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2,000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2,000	N.D.
Butyl benzyl phthalate	85-68-7	2,000	N.D.
4-Chloroaniline	106-47-8	2,000	N.D.
2-Chloronaphthalene	91-58-7	2,000	N.D.
4-Chloro-3-methylphenol	59-50-7	2,000	N.D.
2-Chlorophenol	95-57-8	2,000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2,000	N.D.
Chrysene	218-0109	2,000	190,000
Dibenz(a,h)anthracene	53-70-3	2,000	12,000
Dibenzofuran	132-64-9	2,000	N.D.
Di-N-butyl phthalate	84-74-2	5,000	N.D.
1,3-Dichlorobenzene	541-73-1	2,000	N.D.
1,4-Dichlorobenzene	106-46-7	2,000	N.D.
1,2-Dichlorobenzene	95-50-1	2,000	N.D.
3,3-Dichlorobenzidine	91-94-1	2,000	N.D.
2,4-Dichlorophenol	120-83-2	2,000	N.D.
Diethyl phthalate	84-66-2	2,000	N.D.
2,4-Dimethylphenol	105-67-9	2,000	N.D.
Dimethyl phthalate	131-11-3	2,000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2,000	N.D.
2,4-Dinitrophenol	51-28-5	2,000	N.D.
2,4-Dinitrotoluene	121-14-2	5,000	N.D.
2,6-Dinitrotoluene	606-20-2	5,000	N.D.
Di-N-octyl phthalate	117-84-0	5,000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample #: 97070262

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
Fluoranthene	206-44-0	2,000	140,000
Fluorene	86-73-7	2,000	17,000
Hexachlorobenzene	118-74-1	2,000	N.D.
Hexachlorobutadiene	87-68-3	2,000	N.D.
Hexachlorocyclopentadiene	77-47-4	2,000	N.D.
Hexachloroethane	67-72-1	2,000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5,000	30,000
Isophorone	78-59-1	2,000	N.D.
2-Methylnaphthalene	91-57-6	2,000	180,000
2-Methylphenol	95-48-7	2,000	N.D.
4-Methylphenol	106-44-5	2,000	N.D.
Naphthalene	91-20-3	2,000	42,000
2-Nitroaniline	88-74-4	2,000	N.D.
3-Nitroaniline	99-09-2	2,000	N.D.
4-Nitroaniline	100-01-6	2,000	N.D.
Nitrobenzene	98-95-3	2,000	N.D.
2-Nitrophenol	88-75-5	2,000	N.D.
4-Nitrophenol	100-02-7	2,000	N.D.
N-Nitrosodiphenylamine	86-30-6	2,000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2,000	N.D.
N-Nitrosodimethylamine	62-75-9	2,000	N.D.
Pentachlorophenol	87-86-5	5,000	N.D.
Phenanthrene	85-01-8	2,000	110,000
Phenol	108-95-2	2,000	N.D.
Pyrene	129-00-0	2,000	260,000
1,2,4-Trichlorobenzene	120-82-1	2,000	N.D.
2,4,5-Trichlorophenol	95-95-4	2,000	N.D.
2,4,6-Trichlorophenol	88-06-2	2,000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP6
Laboratory Sample Number: 97070264
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/22/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	60,000	N.D.
Acenaphthylene	208-96-8	60,000	N.D.
Aniline	62-53-3	60,000	N.D.
Anthracene	120-12-7	60,000	270,000
Benzoic Acid	65-85-0	300,000	N.D.
Benzo (a) anthracene	56-55-3	60,000	1,300,000
Benzo (b) fluoranthene	205-99-2	150,000	1,900,000
Benzo (k) fluoranthene	207-08-9	150,000	430,000
Benzo (g,h,i)perylene	191-24-2	150,000	470,000
Benzo (a) pyrene	50-32-8	150,000	760,000
Benzyl alcohol	100-51-6	60,000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	60,000	N.D.
Bis(2-chloroethyl)ether	111-44-4	60,000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	60,000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	60,000	N.D.
4-Bromophenyl phenyl ether	101-55-3	60,000	N.D.
Butyl benzyl phthalate	85-68-7	60,000	N.D.
4-Chloroaniline	106-47-8	60,000	N.D.
2-Chloronaphthalene	91-58-7	60,000	N.D.
4-Chloro-3-methylphenol	59-50-7	60,000	N.D.
2-Chlorophenol	95-57-8	60,000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	60,000	N.D.
Chrysene	218-0109	60,000	1,500,000
Dibenz(a,h)anthracene	53-70-3	60,000	160,000
Dibenzofuran	132-64-9	60,000	N.D.
Di-N-butyl phthalate	84-74-2	150,000	N.D.
1,3-Dichlorobenzene	541-73-1	60,000	N.D.
1,4-Dichlorobenzene	106-46-7	60,000	N.D.
1,2-Dichlorobenzene	95-50-1	60,000	N.D.
3,3-Dichlorobenzidine	91-94-1	60,000	N.D.
2,4-Dichlorophenol	120-83-2	60,000	N.D.
Diethyl phthalate	84-66-2	60,000	N.D.
2,4-Dimethylphenol	105-67-9	60,000	N.D.
Dimethyl phthalate	131-11-3	60,000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	60,000	N.D.
2,4-Dinitrophenol	51-28-5	60,000	N.D.
2,4-Dinitrotoluene	121-14-2	60,000	N.D.
2,6-Dinitrotoluene	606-20-2	60,000	N.D.
Di-N-octyl phthalate	117-84-0	60,000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE2-SP6
Laboratory Sample #: 97070264

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	60,000	4,000,000
Fluorene	86-73-7	60,000	110,000
Hexachlorobenzene	118-74-1	60,000	N.D.
Hexachlorobutadiene	87-68-3	60,000	N.D.
Hexachlorocyclopentadiene	77-47-4	60,000	N.D.
Hexachloroethane	67-72-1	60,000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	150,000	470,000
Isophorone	78-59-1	60,000	N.D.
2-Methylnaphthalene	91-57-6	60,000	N.D.
2-Methylphenol	95-48-7	60,000	N.D.
4-Methylphenol	106-44-5	60,000	N.D.
Naphthalene	91-20-3	60,000	N.D.
2-Nitroaniline	88-74-4	150,000	N.D.
3-Nitroaniline	99-09-2	150,000	N.D.
4-Nitroaniline	100-01-6	150,000	N.D.
Nitrobenzene	98-95-3	60,000	N.D.
2-Nitrophenol	88-75-5	60,000	N.D.
4-Nitrophenol	100-02-7	60,000	N.D.
N-Nitrosodiphenylamine	86-30-6	60,000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	60,000	N.D.
N-Nitrosodimethylamine	62-75-9	60,000	N.D.
Pentachlorophenol	87-86-5	150,000	N.D.
Phenanthrene	85-01-8	60,000	1,800,000
Phenol	108-95-2	60,000	N.D.
Pyrene	129-00-0	60,000	3,600,000
1,2,4-Trichlorobenzene	120-82-1	60,000	N.D.
2,4,5-Trichlorophenol	95-95-4	60,000	N.D.
2,4,6-Trichlorophenol	88-06-2	60,000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP8
Laboratory Sample Number: 97070266
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	400	1,100
Acenaphthylene	208-96-8	400	N.D.
Aniline	62-53-3	400	N.D.
Anthracene	120-12-7	400	3,000
Benzoic Acid	65-85-0	2,000	N.D.
Benzo (a) anthracene	56-55-3	400	8,300
Benzo (b) fluoranthene	205-99-2	1,000	14,000
Benzo (k) fluoranthene	207-08-9	1,000	4,000
Benzo (g,h,i)perylene	191-24-2	1,000	6,000
Benzo (a) pyrene	50-32-8	1,000	7,900
Benzyl alcohol	100-51-6	400	N.D.
Bis(2-chloroethoxy)methane	111-91-1	400	N.D.
Bis(2-chloroethyl)ether	111-44-4	400	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	400	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	400	N.D.
4-Bromophenyl phenyl ether	101-55-3	400	N.D.
Butyl benzyl phthalate	85-68-7	400	N.D.
4-Chloroaniline	106-47-8	400	N.D.
2-Chloronaphthalene	91-58-7	400	N.D.
4-Chloro-3-methylphenol	59-50-7	400	N.D.
2-Chlorophenol	95-57-8	400	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	400	N.D.
Chrysene	218-0109	400	15,000
Dibenz(a,h)anthracene	53-70-3	400	1,300
Dibenzofuran	132-64-9	400	N.D.
Di-N-butyl phthalate	84-74-2	1,000	N.D.
1,3-Dichlorobenzene	541-73-1	400	N.D.
1,4-Dichlorobenzene	106-46-7	400	N.D.
1,2-Dichlorobenzene	95-50-1	400	N.D.
3,3-Dichlorobenzidine	91-94-1	400	N.D.
2,4-Dichlorophenol	120-83-2	400	N.D.
Diethyl phthalate	84-66-2	400	N.D.
2,4-Dimethylphenol	105-67-9	400	N.D.
Dimethyl phthalate	131-11-3	400	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	400	N.D.
2,4-Dinitrophenol	51-28-5	400	N.D.
2,4-Dinitrotoluene	121-14-2	1,000	N.D.
2,6-Dinitrotoluene	606-20-2	1,000	N.D.
Di-N-octyl phthalate	117-84-0	400	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE2-SP8
Laboratory Sample #: 97070266

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	400	16,000
Fluorene	86-73-7	400	3,400
Hexachlorobenzene	118-74-1	400	N.D.
Hexachlorobutadiene	87-68-3	400	N.D.
Hexachlorocyclopentadiene	77-47-4	400	N.D.
Hexachloroethane	67-72-1	400	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	1,000	3,900
Isophorone	78-59-1	400	N.D.
2-Methylnaphthalene	91-57-6	400	40,000
2-Methylphenol	95-48-7	400	N.D.
4-Methylphenol	106-44-5	400	N.D.
Naphthalene	91-20-3	400	9,800
2-Nitroaniline	88-74-4	1,000	N.D.
3-Nitroaniline	99-09-2	1,000	N.D.
4-Nitroaniline	100-01-6	400	N.D.
Nitrobenzene	98-95-3	400	N.D.
2-Nitrophenol	88-75-5	400	N.D.
4-Nitrophenol	100-02-7	400	N.D.
N-Nitrosodiphenylamine	86-30-6	400	N.D.
N-Nitroso-di-N-propylamine	621-64-7	400	N.D.
N-Nitrosodimethylamine	62-75-9	400	N.D.
Pentachlorophenol	87-86-5	1,000	N.D.
Phenanthrene	85-01-8	400	21,000
Phenol	108-95-2	400	N.D.
Pyrene	129-00-0	400	34,000
1,2,4-Trichlorobenzene	120-82-1	400	N.D.
2,4,5-Trichlorophenol	95-95-4	400	N.D.
2,4,6-Trichlorophenol	88-06-2	400	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample #: 97070262
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/22/97
Reported: 07/24/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	870
C 13-22	15,000
C 23 & Higher	5,500
Total	21,000

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Recevied: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070267	Equip Blank	N.D.
97070268	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070267

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	92
Toluene-d8	100
4-Bromofluorobenzene	95

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070268

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	93
Toluene-d8	102
4-Bromofluorobenzene	92

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070269
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

ORANGE COAST ANALYTICAL, INC.
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070269

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	92
Toluene-d8	100
4-Bromofluorobenzene	93

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070267

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070268

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/18/97
Laboratory Sample No : 97070126
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	97	98	97	98	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	1.9	1.8	76	72	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/22/97
Laboratory Sample No : 97070186
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	120	140	48	56	15

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	15	100	75	29

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	1.2	110	120	9

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/18/97
Laboratory Sample No : 97070279
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	31.0	31.0	103	103	0
Arsenic	0.0	10.0	8.4	8.6	84	86	2
Barium	3.0	10.0	14.0	14.0	110	110	0
Beryllium	0.00	1.00	1.04	1.01	104	101	3
Cadmium	0.00	1.00	1.04	1.03	104	103	1
Chromium (Total)	1.00	5.00	6.10	6.10	102	102	0
Chromium (VI)	0.00	1.00	0.88	0.90	88	90	2
Cobalt	0.34	1.00	1.34	1.31	100	97	2
Copper	0.89	1.00	1.84	1.87	95	98	2
Lead	0.00	10.0	8.7	8.9	87	89	2
Mercury	0.000	0.020	0.019	0.018	95	90	5
Molybdenum	0.0	10.0	10.7	11.3	107	113	5
Nickel	0.49	5.00	5.7	5.5	104	100	4
Selenium	0.0	10.0	9.9	10.1	99	101	2
Silver	0.0	5.0	4.5	5.0	90	100	11
Thallium	0.0	30.0	30.0	28.0	100	93	7
Vanadium	1.4	5.0	6.4	6.4	100	100	0
Zinc	2.1	5.0	7.3	7.3	104	104	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/18/97
Laboratory Sample No : 97070249
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.70	3.10	90	103	14
Arsenic	0.00	1.00	0.87	1.00	87	100	14
Barium	0.000	0.100	0.097	0.107	97	107	10
Beryllium	0.00	0.100	0.104	0.112	104	112	7
Cadmium	0.00	0.100	0.099	0.114	99	114	14
Chromium (VI)	0.00	0.50	0.44	0.46	88	92	4
Chromium (Total)	0.00	0.100	0.094	0.106	94	106	12
Cobalt	0.00	0.100	0.106	0.120	106	120	12
Copper	0.000	0.100	0.095	0.105	95	105	10
Lead	0.00	1.00	0.96	0.96	96	96	0
Mercury	0.000	0.020	0.020	0.022	100	110	10
Molybdenum	0.00	1.00	0.95	1.09	95	109	14
Nickel	0.00	0.50	0.53	0.57	106	114	7
Selenium	0.00	1.00	0.88	1.00	88	100	13
Silver	0.00	0.50	0.47	0.51	94	102	8
Thallium	0.00	3.00	3.30	3.20	110	107	3
Vanadium	0.00	0.50	0.45	0.52	90	104	14
Zinc	0.000	0.100	0.091	0.105	91	105	14

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	51	104	102	2
1,1-Dichloroethene	0.0	50	50	50	100	100	0
Trichloroethene	0.0	50	46	45	92	90	2
Toluene	0.0	50	51	49	102	98	4
Chlorobenzene	0.0	50	47	46	94	92	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/22/97
Laboratory Sample No : 97070317
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	52	104	104	0
1,1-Dichloroethene	0.0	50	51	50	102	100	2
Trichloroethene	0.0	50	47	46	94	92	2
Toluene	0.0	50	50	50	100	100	0
Chlorobenzene	0.0	50	48	47	96	94	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/18/97
Laboratory Sample No : 97070269
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	18	17	90	85	6
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	19	18	95	90	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	82	84	82	84	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9349

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	35	72	70	3
n-Nitroso-di-n-propylamine	0.0	50	44	44	88	88	0
1,2,4-Trichlorobenzene	0.0	50	38	37	76	74	3
Acenaphthene	0.0	50	47	46	94	92	2
Pyrene	0.0	50	46	46	92	92	0
Pentachlorophenol	0.0	100	79	77	79	77	3
4-Chloro-3-Methylphenol	0.0	100	72	69	72	69	4
2-Chlorophenol	0.0	100	75	73	75	73	3
Phenol	0.0	100	25	23	25	23	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9349

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	44	46	88	92	4
n-Nitroso-di-n-propylamine	0.0	50	44	47	88	94	7
1,2,4-Trichlorobenzene	0.0	50	46	46	92	92	0
Acenaphthene	0.0	50	46	46	92	92	0
Pyrene	0.0	50	41	42	82	84	2
'entachlorophenol	0.0	100	73	77	73	77	5
4-Chloro-3-Methylphenol	0.0	100	67	72	67	72	7
2-Chlorophenol	0.0	100	80	82	80	82	2
Phenol	0.0	100	73	75	73	75	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9349

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	46	47	92	94	2
n-Nitroso-di-n-propylamine	0.0	50	45	50	90	100	11
1,2,4-Trichlorobenzene	0.0	50	46	48	92	96	4
Acenaphthene	0.0	50	47	47	94	94	0
Pyrene	0.0	50	45	44	90	88	2
Pentachlorophenol	0.0	100	75	84	75	84	11
4-Chloro-3-Methylphenol	0.0	100	73	77	73	77	5
2-Chlorophenol	0.0	100	77	78	77	78	1
Phenol	0.0	100	74	75	74	75	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Ana' s Request and Chain of Custody Record

Lab Job No: ___
Page ___ of ___

REQUIRED TAT: 24 hr TAT on Soil TRPH only; Standard TAT otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	McDonnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N Harison Ave	LOCATION:	C-6 facility
	Pasadena, CA 91101	ADDRESS:	19503 S Normandie
			Los Angeles, CA
PHONE:	(818) 568-6582 FAX: (818) 796-5941	SAMPLED BY:	AN / IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080	REMARKS/PRECAUTIONS
OA1-RE2-SP4	2	7/17/97	1150	Soil	2-1x6" SS sleeve	Ice	X	X	X	X			
OA1-RE2-SP5			1315				X	X	X	X			
OA1-RE2-SP6			1350				X	X	X	X			
OA1-RE2-SP7			1420				X	X	X	X			
OA1-RE2-SP8			1540				X	X	X	X			
Equipment Blank	7		1515	Water	4 amber 1 poly 2 VOAs	none HNO3 HCL	X	X	X	X	X	X	
Rinsate Blank	7		1545				X	X	X	X	X	X	
trip Blank	2	7/17/97	—		12 VOAs	HCL			X				

Total No. of Samples: 8

Method of Shipment: Orange Coast Courier (1 cooler).

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/17/97 1615		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	7/17/97 16:15

Reporting Format: (check)
NORMAL ___ S.D. HMMD ___
RWQCB ___ OTHER ___

Sample Integrity: (check)
intact ___ on ice ___

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026153

FAX

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6508
Fax: 818 796 5941

Date: 7/21/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please analyze the following samples for Carbon Chain (8015m) on standard turn-around time:

OA1-RE2-SP4
OA1-RE2-SP5

Also please analyze the following sample for PCBs (8080) on standard turn-around time:

OA1-RE2-SP5

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/21/97
Reported: 07/21/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070293	OA1-RE2-SP9	1,300
97070294	OA1-RE2-SP10	420
97070296	OA1-RE3-SP2	1,500
97070297	OA1-RE3-SP3	1,700

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP9

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070293
Laboratory Reference #: MWI 9359

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	100
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	37
Cobalt	6010	80	8000	0.5	7.6
Copper	6010	25	2500	0.1	16
Lead	6010	5.0	1000	1.0	34
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	14
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	35
Zinc	6010	250	5000	0.1	35

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP10

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070294
Laboratory Reference #: MWI 9359

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	100
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	25
Cobalt	6010	80	8000	0.5	7.1
Copper	6010	25	2500	0.1	11
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	11
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	32
Zinc	6010	250	5000	0.1	40

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

ORANGE COAST ANALYTICAL

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE3-SP2

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070296
Laboratory Reference #: MWI 9359

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	120
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	28
Cobalt	6010	80	8000	0.5	7.8
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	34
Zinc	6010	250	5000	0.1	40

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE3-SP3

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070297
Laboratory Reference #: MWI 9359

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	25
Cobalt	6010	80	8000	0.5	7.3
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	11
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	34
Zinc	6010	250	5000	0.1	40

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

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP9
Laboratory Sample Number: 97070293
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/21/97
Reported: 07/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	2.5	N.D.
Bromodichloromethane	75-27-4	2.5	N.D.
Bromoform	75-25-2	2.5	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	N.D.
Carbon tetrachloride	56-23-5	2.5	N.D.
Chlorobenzene	108-90-7	2.5	N.D.
Chlorodibromomethane	124-48-1	2.5	N.D.
Chloroethane	75-00-3	2.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
Chloromethane	74-87-3	2.5	N.D.
1,1-Dichloroethane	75-34-3	2.5	N.D.
1,2-Dichloroethane	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.
1,2-Dichloropropane	78-87-5	2.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.
Ethylbenzene	100-41-4	2.5	N.D.
Methylene chloride	75-09-2	5.0	N.D.
Styrene	100-42-5	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
Tetrachloroethene	127-18-4	2.5	N.D.
Toluene	108-88-3	2.5	N.D.
1,1,1-Trichloroethane	71-55-6	2.5	N.D.
1,1,2-Trichloroethane	79-00-5	2.5	N.D.
Trichloroethene	79-01-6	2.5	N.D.
Trichlorofluoromethane	75-69-4	5.0	N.D.
Vinyl acetate	108-05-4	5.0	N.D.
Vinyl chloride	75-01-4	2.5	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorodifluoromethane	75-71-8	2.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.
2,2-Dichloropropane	594-20-7	2.5	N.D.
Bromochloromethane	74-97-5	2.5	N.D.
1,1-Dichloropropene	563-58-6	2.5	N.D.
Dibromomethane	74-95-3	2.5	N.D.
1,2-Dibromoethane	106-93-4	2.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE2-SP9
Laboratory Sample #: 97070293

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	2.5	N.D.	
Isopropylbenzene	98-82-8	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
1,2,3-Trichloropropane	96-18-4	2.5	N.D.	
Bromobenzene	108-86-1	2.5	N.D.	
n-Propylbenzene	103-65-1	2.5	N.D.	
2-Chlorotoluene	95-49-8	2.5	N.D.	
1,3,5-Trimethylbenzene	108-67-8	2.5	N.D.	
4-Chlorotoluene	106-43-4	2.5	N.D.	
tert-Butylbenzene	98-06-6	2.5	N.D.	
1,2,4-Trimethylbenzene	95-63-6	2.5	3.9	<---
sec-Butylbenzene	135-98-8	2.5	N.D.	
4-Isopropyltoluene	99-87-6	2.5	N.D.	
1,3-Dichlorobenzene	541-73-1	2.5	N.D.	
1,4-Dichlorobenzene	106-46-7	2.5	N.D.	
n-Butylbenzene	104-51-8	2.5	N.D.	
1,2-Dichlorobenzene	95-50-1	2.5	N.D.	
1,2-Dibromo-3-CPA	96-12-8	5.0	N.D.	
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.	
Hexachlorobutadiene	87-68-3	2.5	N.D.	
Naphthalene	91-20-3	2.5	23	<---
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	96
Toluene-d8	95
4-Bromofluorobenzene	99

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP10
Laboratory Sample Number: 97070294
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/21/97
Reported: 07/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Benzene	71-43-2	2.5	N.D.	
Bromodichloromethane	75-27-4	2.5	N.D.	
Bromoform	75-25-2	2.5	N.D.	
Bromomethane	74-83-9	2.5	N.D.	
Carbon Disulfide	75-15-0	5.0	N.D.	
Carbon tetrachloride	56-23-5	2.5	N.D.	
Chlorobenzene	108-90-7	2.5	N.D.	
Chlorodibromomethane	124-48-1	2.5	N.D.	
Chloroethane	75-00-3	2.5	N.D.	
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.	
Chloroform	67-66-3	2.5	N.D.	
Chloromethane	74-87-3	2.5	N.D.	
1,1-Dichloroethane	75-34-3	2.5	N.D.	
1,2-Dichloroethane	107-06-2	2.5	N.D.	
1,1-Dichloroethene	75-35-4	2.5	N.D.	
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.	
1,2-Dichloropropane	78-87-5	2.5	N.D.	
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.	
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.	
Ethylbenzene	100-41-4	2.5	N.D.	
Methylene chloride	75-09-2	5.0	N.D.	
Styrene	100-42-5	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
Tetrachloroethene	127-18-4	2.5	N.D.	
Toluene	108-88-3	2.5	N.D.	
1,1,1-Trichloroethane	71-55-6	2.5	N.D.	
1,1,2-Trichloroethane	79-00-5	2.5	N.D.	
Trichloroethene	79-01-6	2.5	N.D.	
Trichlorofluoromethane	75-69-4	5.0	N.D.	
Vinyl acetate	108-05-4	5.0	N.D.	
Vinyl chloride	75-01-4	2.5	N.D.	
Total Xylenes	1330-20-7	2.5	5.2	<---
Dichlorodifluoromethane	75-71-8	2.5	N.D.	
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.	
2,2-Dichloropropane	594-20-7	2.5	N.D.	
Bromochloromethane	74-97-5	2.5	N.D.	
1,1-Dichloropropene	563-58-6	2.5	N.D.	
Dibromomethane	74-95-3	2.5	N.D.	
1,2-Dibromoethane	106-93-4	2.5	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE2-SP10
Laboratory Sample #: 97070294

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	2.5	N.D.	
Isopropylbenzene	98-82-8	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
1,2,3-Trichloropropane	96-18-4	2.5	N.D.	
Bromobenzene	108-86-1	2.5	N.D.	
n-Propylbenzene	103-65-1	2.5	N.D.	
2-Chlorotoluene	95-49-8	2.5	N.D.	
1,3,5-Trimethylbenzene	108-67-8	2.5	8.5	<---
4-Chlorotoluene	106-43-4	2.5	N.D.	
tert-Butylbenzene	98-06-6	2.5	N.D.	
1,2,4-Trimethylbenzene	95-63-6	2.5	29	<---
sec-Butylbenzene	135-98-8	2.5	N.D.	
4-Isopropyltoluene	99-87-6	2.5	N.D.	
1,3-Dichlorobenzene	541-73-1	2.5	N.D.	
1,4-Dichlorobenzene	106-46-7	2.5	N.D.	
n-Butylbenzene	104-51-8	2.5	N.D.	
1,2-Dichlorobenzene	95-50-1	2.5	N.D.	
1,2-Dibromo-3-CPA	96-12-8	5.0	N.D.	
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.	
Hexachlorobutadiene	87-68-3	2.5	N.D.	
Naphthalene	91-20-3	2.5	110	<---
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	98
4-Bromofluorobenzene	93

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE3-SP2
Laboratory Sample Number: 97070296
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/24/97
Reported: 07/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	200	N.D.
Bromodichloromethane	75-27-4	200	N.D.
Bromoform	75-25-2	200	N.D.
Bromomethane	74-83-9	200	N.D.
Carbon Disulfide	75-15-0	400	N.D.
Carbon tetrachloride	56-23-5	200	N.D.
Chlorobenzene	108-90-7	200	N.D.
Chlorodibromomethane	124-48-1	200	N.D.
Chloroethane	75-00-3	200	N.D.
2-Chloroethyl vinyl ether	110-75-8	400	N.D.
Chloroform	67-66-3	200	N.D.
Chloromethane	74-87-3	200	N.D.
1,1-Dichloroethane	75-34-3	200	N.D.
1,2-Dichloroethane	107-06-2	200	N.D.
1,1-Dichloroethene	75-35-4	200	N.D.
Trans 1,2-Dichloroethene	156-60-5	200	N.D.
1,2-Dichloropropane	78-87-5	200	N.D.
cis-1,3-Dichloropropene	10061-01-5	200	N.D.
trans-1,3-Dichloropropene	10061-02-6	200	N.D.
Ethylbenzene	100-41-4	200	300 <---
Methylene chloride	75-09-2	400	N.D.
Styrene	100-42-5	200	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	200	N.D.
Tetrachloroethene	127-18-4	200	N.D.
Toluene	108-88-3	200	N.D.
1,1,1-Trichloroethane	71-55-6	200	N.D.
1,1,2-Trichloroethane	79-00-5	200	N.D.
Trichloroethene	79-01-6	200	N.D.
Trichlorofluoromethane	75-69-4	400	N.D.
Vinyl acetate	108-05-4	400	N.D.
Vinyl chloride	75-01-4	200	N.D.
Total Xylenes	1330-20-7	200	N.D.
Dichlorodifluoromethane	75-71-8	200	N.D.
cis-1-2,-Dichloroethene	156-59-2	200	N.D.
2,2-Dichloropropane	594-20-7	200	N.D.
Bromochloromethane	74-97-5	200	N.D.
1,1-Dichloropropene	563-58-6	200	N.D.
Dibromomethane	74-95-3	200	N.D.
1,2-Dibromoethane	106-93-4	200	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE3-SP2
Laboratory Sample #: 97070296

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	200	N.D.	
Isopropylbenzene	98-82-8	200	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	200	N.D.	
1,2,3-Trichloropropane	96-18-4	200	N.D.	
Bromobenzene	108-86-1	200	N.D.	
n-Propylbenzene	103-65-1	200	310	<---
2-Chlorotoluene	95-49-8	200	N.D.	
1,3,5-Trimethylbenzene	108-67-8	200	1,500	<---
4-Chlorotoluene	106-43-4	200	N.D.	
tert-Butylbenzene	98-06-6	200	N.D.	
1,2,4-Trimethylbenzene	95-63-6	200	2,500	<---
sec-Butylbenzene	135-98-8	200	N.D.	
4-Isopropyltoluene	99-87-6	200	N.D.	
1,3-Dichlorobenzene	541-73-1	200	N.D.	
1,4-Dichlorobenzene	106-46-7	200	N.D.	
n-Butylbenzene	104-51-8	200	420	<---
1,2-Dichlorobenzene	95-50-1	200	N.D.	
1,2-Dibromo-3-CPA	96-12-8	400	N.D.	
1,2,4-Trichlorobenzene	120-82-1	200	N.D.	
Hexachlorobutadiene	87-68-3	200	N.D.	
Naphthalene	91-20-3	200	20,000	<---
1,2,3-Trichlorobenzene	87-61-6	200	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	95
Toluene-d8	97
4-Bromofluorobenzene	95

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE3-SP3
Laboratory Sample Number: 97070297
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Benzene	71-43-2	100	N.D.	
Bromodichloromethane	75-27-4	100	N.D.	
Bromoform	75-25-2	100	N.D.	
Bromomethane	74-83-9	100	N.D.	
Carbon Disulfide	75-15-0	200	N.D.	
Carbon tetrachloride	56-23-5	100	N.D.	
Chlorobenzene	108-90-7	100	N.D.	
Chlorodibromomethane	124-48-1	100	N.D.	
Chloroethane	75-00-3	100	N.D.	
2-Chloroethyl vinyl ether	110-75-8	200	N.D.	
Chloroform	67-66-3	100	N.D.	
Chloromethane	74-87-3	100	N.D.	
1,1-Dichloroethane	75-34-3	100	N.D.	
1,2-Dichloroethane	107-06-2	100	N.D.	
1,1-Dichloroethene	75-35-4	100	N.D.	
Trans 1,2-Dichloroethene	156-60-5	100	N.D.	
1,2-Dichloropropane	78-87-5	100	N.D.	
cis-1,3-Dichloropropene	10061-01-5	100	N.D.	
trans-1,3-Dichloropropene	10061-02-6	100	N.D.	
Ethylbenzene	100-41-4	100	130	<---
Methylene chloride	75-09-2	200	N.D.	
Styrene	100-42-5	100	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.	
Tetrachloroethene	127-18-4	100	N.D.	
Toluene	108-88-3	100	N.D.	
1,1,1-Trichloroethane	71-55-6	100	N.D.	
1,1,2-Trichloroethane	79-00-5	100	N.D.	
Trichloroethene	79-01-6	100	N.D.	
Trichlorofluoromethane	75-69-4	200	N.D.	
Vinyl acetate	108-05-4	200	N.D.	
Vinyl chloride	75-01-4	100	N.D.	
Total Xylenes	1330-20-7	100	N.D.	
Dichlorodifluoromethane	75-71-8	100	N.D.	
cis-1-2,-Dichloroethene	156-59-2	100	N.D.	
2,2-Dichloropropane	594-20-7	100	N.D.	
Bromochloromethane	74-97-5	100	N.D.	
1,1-Dichloropropene	563-58-6	100	N.D.	
Dibromomethane	74-95-3	100	N.D.	
1,2-Dibromoethane	106-93-4	100	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE3-SP3
Laboratory Sample #: 97070297

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	100	N.D.	
Isopropylbenzene	98-82-8	100	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.	
1,2,3-Trichloropropane	96-18-4	100	N.D.	
Bromobenzene	108-86-1	100	N.D.	
n-Propylbenzene	103-65-1	100	N.D.	
2-Chlorotoluene	95-49-8	100	N.D.	
1,3,5-Trimethylbenzene	108-67-8	100	590	<---
4-Chlorotoluene	106-43-4	100	N.D.	
tert-Butylbenzene	98-06-6	100	N.D.	
1,2,4-Trimethylbenzene	95-63-6	100	1,000	<---
sec-Butylbenzene	135-98-8	100	N.D.	
4-Isopropyltoluene	99-87-6	100	N.D.	
1,3-Dichlorobenzene	541-73-1	100	N.D.	
1,4-Dichlorobenzene	106-46-7	100	N.D.	
n-Butylbenzene	104-51-8	100	260	<---
1,2-Dichlorobenzene	95-50-1	100	N.D.	
1,2-Dibromo-3-CPA	96-12-8	200	N.D.	
1,2,4-Trichlorobenzene	120-82-1	100	N.D.	
Hexachlorobutadiene	87-68-3	100	N.D.	
Naphthalene	91-20-3	100	14,000	<---
1,2,3-Trichlorobenzene	87-61-6	100	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	96
Toluene-d8	96
4-Bromofluorobenzene	102

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE2-SP9
Laboratory Sample Number: 97070293
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/22/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Acenaphthene	83-32-9	400	N.D.	
Acenaphthylene	208-96-8	400	N.D.	
Aniline	62-53-3	400	N.D.	
Anthracene	120-12-7	400	3,000	<---
Benzoic Acid	65-85-0	2000	N.D.	
Benzo (a) anthracene	56-55-3	400	20,000	<---
Benzo (b) fluoranthene	205-99-2	1000	39,000	<---
Benzo (k) fluoranthene	207-08-9	1000	11,000	<---
Benzo (g,h,i)perylene	191-24-2	1000	18,000	<---
Benzo (a) pyrene	50-32-8	1000	17,000	<---
Benzyl alcohol	100-51-6	400	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	400	N.D.	
Bis(2-chloroethyl)ether	111-44-4	400	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	400	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	400	N.D.	
4-Bromophenyl phenyl ether	101-55-3	400	N.D.	
Butyl benzyl phthalate	85-68-7	400	N.D.	
4-Chloroaniline	106-47-8	400	N.D.	
2-Chloronaphthalene	91-58-7	400	N.D.	
4-Chloro-3-methylphenol	59-50-7	400	N.D.	
2-Chlorophenol	95-57-8	400	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	400	N.D.	
Chrysene	218-0109	400	46,000	<---
Dibenz(a,h)anthracene	53-70-3	400	4,700	<---
Dibenzofuran	132-64-9	400	N.D.	
Di-N-butyl phthalate	84-74-2	1000	N.D.	
1,3-Dichlorobenzene	541-73-1	400	N.D.	
1,4-Dichlorobenzene	106-46-7	400	N.D.	
1,2-Dichlorobenzene	95-50-1	400	N.D.	
3,3-Dichlorobenzidine	91-94-1	400	N.D.	
2,4-Dichlorophenol	120-83-2	400	N.D.	
Diethyl phthalate	84-66-2	400	N.D.	
2,4-Dimethylphenol	105-67-9	400	N.D.	
Dimethyl phthalate	131-11-3	400	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	400	N.D.	
2,4-Dinitrophenol	51-28-5	400	N.D.	
2,4-Dinitrotoluene	121-14-2	1000	N.D.	
2,6-Dinitrotoluene	606-20-2	1000	N.D.	
Di-N-octyl phthalate	117-84-0	1000	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE2-SP9
Laboratory Sample #: 97070293

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
Fluoranthene	206-44-0	400	46,000	<---
Fluorene	86-73-7	400	N.D.	
Hexachlorobenzene	118-74-1	400	N.D.	
Hexachlorobutadiene	87-68-3	400	N.D.	
Hexachlorocyclopentadiene	77-47-4	400	N.D.	
Hexachloroethane	67-72-1	400	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	1000	15,000	<---
Isophorone	78-59-1	400	N.D.	
2-Methylnaphthalene	91-57-6	400	N.D.	
2-Methylphenol	95-48-7	400	N.D.	
4-Methylphenol	106-44-5	400	N.D.	
Naphthalene	91-20-3	400	N.D.	
2-Nitroaniline	88-74-4	1000	N.D.	
3-Nitroaniline	99-09-2	1000	N.D.	
4-Nitroaniline	100-01-6	1000	N.D.	
Nitrobenzene	98-95-3	400	N.D.	
2-Nitrophenol	88-75-5	400	N.D.	
4-Nitrophenol	100-02-7	400	N.D.	
N-Nitrosodiphenylamine	86-30-6	400	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	400	N.D.	
N-Nitrosodimethylamine	62-75-9	400	N.D.	
Pentachlorophenol	87-86-5	1000	N.D.	
Phenanthrene	85-01-8	400	12,000	<---
Phenol	108-95-2	400	N.D.	
Pyrene	129-00-0	400	57,000	<---
1,2,4-Trichlorobenzene	120-82-1	400	N.D.	
2,4,5-Trichlorophenol	95-95-4	400	N.D.	
2,4,6-Trichlorophenol	88-06-2	400	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP10
Laboratory Sample Number: 97070294
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/22/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Acenaphthene	83-32-9	200	N.D.	
Acenaphthylene	208-96-8	200	N.D.	
Aniline	62-53-3	200	N.D.	
Anthracene	120-12-7	200	940	<---
Benzoic Acid	65-85-0	1000	N.D.	
Benzo (a) anthracene	56-55-3	200	5,500	<---
Benzo (b) fluoranthene	205-99-2	500	8,800	<---
Benzo (k) fluoranthene	207-08-9	500	2,000	<---
Benzo (g,h,i)perylene	191-24-2	500	4,000	<---
Benzo (a) pyrene	50-32-8	500	3,600	<---
Benzyl alcohol	100-51-6	200	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	200	N.D.	
Bis(2-chloroethyl)ether	111-44-4	200	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	200	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	200	N.D.	
4-Bromophenyl phenyl ether	101-55-3	200	N.D.	
Butyl benzyl phthalate	85-68-7	200	N.D.	
4-Chloroaniline	106-47-8	200	N.D.	
2-Chloronaphthalene	91-58-7	200	N.D.	
4-Chloro-3-methylphenol	59-50-7	200	N.D.	
2-Chlorophenol	95-57-8	200	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	200	N.D.	
Chrysene	218-0109	200	13,000	<---
Dibenz(a,h)anthracene	53-70-3	200	1,100	<---
Dibenzofuran	132-64-9	200	N.D.	
Di-N-butyl phthalate	84-74-2	500	N.D.	
1,3-Dichlorobenzene	541-73-1	200	N.D.	
1,4-Dichlorobenzene	106-46-7	200	N.D.	
1,2-Dichlorobenzene	95-50-1	200	N.D.	
3,3-Dichlorobenzidine	91-94-1	200	N.D.	
2,4-Dichlorophenol	120-83-2	200	N.D.	
Diethyl phthalate	84-66-2	200	N.D.	
2,4-Dimethylphenol	105-67-9	200	N.D.	
Dimethyl phthalate	131-11-3	200	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	200	N.D.	
2,4-Dinitrophenol	51-28-5	200	N.D.	
2,4-Dinitrotoluene	121-14-2	500	N.D.	
2,6-Dinitrotoluene	606-20-2	500	N.D.	
Di-N-octyl phthalate	117-84-0	500	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE2-SP10
Laboratory Sample #: 97070294

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	200	13,000	<---
Fluorene	86-73-7	200	230	<---
Hexachlorobenzene	118-74-1	200	N.D.	
Hexachlorobutadiene	87-68-3	200	N.D.	
Hexachlorocyclopentadiene	77-47-4	200	N.D.	
Hexachloroethane	67-72-1	200	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	500	3,400	<---
Isophorone	78-59-1	200	N.D.	
2-Methylnaphthalene	91-57-6	200	3,000	<---
2-Methylphenol	95-48-7	200	N.D.	
4-Methylphenol	106-44-5	200	N.D.	
Naphthalene	91-20-3	200	770	<---
2-Nitroaniline	88-74-4	500	N.D.	
3-Nitroaniline	99-09-2	500	N.D.	
4-Nitroaniline	100-01-6	500	N.D.	
Nitrobenzene	98-95-3	200	N.D.	
2-Nitrophenol	88-75-5	200	N.D.	
4-Nitrophenol	100-02-7	200	N.D.	
N-Nitrosodiphenylamine	86-30-6	200	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	200	N.D.	
N-Nitrosodimethylamine	62-75-9	200	N.D.	
Pentachlorophenol	87-86-5	500	N.D.	
Phenanthrene	85-01-8	200	3,900	<---
Phenol	108-95-2	200	N.D.	
Pyrene	129-00-0	200	12,000	<---
1,2,4-Trichlorobenzene	120-82-1	200	N.D.	
2,4,5-Trichlorophenol	95-95-4	200	N.D.	
2,4,6-Trichlorophenol	88-06-2	200	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE3-SP2
Laboratory Sample Number: 97070296
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/22/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Acenaphthene	83-32-9	400	1,400	<---
Acenaphthylene	208-96-8	400	N.D.	
Aniline	62-53-3	400	N.D.	
Anthracene	120-12-7	400	3,200	<---
Benzoic Acid	65-85-0	2000	N.D.	
Benzo (a) anthracene	56-55-3	400	6,300	<---
Benzo (b) fluoranthene	205-99-2	1000	7,600	<---
Benzo (k) fluoranthene	207-08-9	1000	1,700	<---
Benzo (g,h,i)perylene	191-24-2	1000	3,700	<---
Benzo (a) pyrene	50-32-8	1000	5,100	<---
Benzyl alcohol	100-51-6	400	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	400	N.D.	
Bis(2-chloroethyl)ether	111-44-4	400	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	400	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	400	N.D.	
4-Bromophenyl phenyl ether	101-55-3	400	N.D.	
Butyl benzyl phthalate	85-68-7	400	N.D.	
4-Chloroaniline	106-47-8	400	N.D.	
2-Chloronaphthalene	91-58-7	400	N.D.	
4-Chloro-3-methylphenol	59-50-7	400	N.D.	
2-Chlorophenol	95-57-8	400	N.D.	
4-Chlorophenyl phenyl ether	7005-72-3	400	N.D.	
Chrysene	218-0109	400	9,500	<---
Dibenz(a,h)anthracene	53-70-3	400	N.D.	
Dibenzofuran	132-64-9	400	N.D.	
Di-N-butyl phthalate	84-74-2	1000	N.D.	
1,3-Dichlorobenzene	541-73-1	400	N.D.	
1,4-Dichlorobenzene	106-46-7	400	N.D.	
1,2-Dichlorobenzene	95-50-1	400	N.D.	
3,3-Dichlorobenzidine	91-94-1	400	N.D.	
2,4-Dichlorophenol	120-83-2	400	N.D.	
Diethyl phthalate	84-66-2	400	N.D.	
2,4-Dimethylphenol	105-67-9	400	N.D.	
Dimethyl phthalate	131-11-3	400	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	400	N.D.	
2,4-Dinitrophenol	51-28-5	400	N.D.	
2,4-Dinitrotoluene	121-14-2	1000	N.D.	
2,6-Dinitrotoluene	606-20-2	1000	N.D.	
Di-N-octyl phthalate	117-84-0	1000	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE3-SP2
Laboratory Sample #: 97070296

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	400	11,000	<---
Fluorene	86-73-7	400	3,400	<---
Hexachlorobenzene	118-74-1	400	N.D.	
Hexachlorobutadiene	87-68-3	400	N.D.	
Hexachlorocyclopentadiene	77-47-4	400	N.D.	
Hexachloroethane	67-72-1	400	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	1000	2,300	<---
Isophorone	78-59-1	400	N.D.	
2-Methylnaphthalene	91-57-6	400	45,000	<---
2-Methylphenol	95-48-7	400	N.D.	
4-Methylphenol	106-44-5	400	N.D.	
Naphthalene	91-20-3	400	14,000	<---
2-Nitroaniline	88-74-4	1000	N.D.	
3-Nitroaniline	99-09-2	1000	N.D.	
4-Nitroaniline	100-01-6	1000	N.D.	
Nitrobenzene	98-95-3	400	N.D.	
2-Nitrophenol	88-75-5	400	N.D.	
4-Nitrophenol	100-02-7	400	N.D.	
N-Nitrosodiphenylamine	86-30-6	400	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	400	N.D.	
N-Nitrosodimethylamine	62-75-9	400	N.D.	
Pentachlorophenol	87-86-5	1000	N.D.	
Phenanthrene	85-01-8	400	20,000	<---
Phenol	108-95-2	400	N.D.	
Pyrene	129-00-0	400	18,000	<---
1,2,4-Trichlorobenzene	120-82-1	400	N.D.	
2,4,5-Trichlorophenol	95-95-4	400	N.D.	
2,4,6-Trichlorophenol	88-06-2	400	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE3-SP3
Laboratory Sample Number: 97070297
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/22/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Acenaphthene	83-32-9	400	1,200	<---
Acenaphthylene	208-96-8	400	N.D.	
Aniline	62-53-3	400	N.D.	
Anthracene	120-12-7	400	2,600	<---
Benzoic Acid	65-85-0	2000	N.D.	
Benzo (a) anthracene	56-55-3	400	4,000	<---
Benzo (b) fluoranthene	205-99-2	1000	4,000	<---
Benzo (k) fluoranthene	207-08-9	1000	1,400	<---
Benzo (g,h,i)perylene	191-24-2	1000	3,000	<---
Benzo (a) pyrene	50-32-8	1000	3,900	<---
Benzyl alcohol	100-51-6	400	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	400	N.D.	
Bis(2-chloroethyl)ether	111-44-4	400	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	400	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	400	N.D.	
4-Bromophenyl phenyl ether	101-55-3	400	N.D.	
Butyl benzyl phthalate	85-68-7	400	N.D.	
4-Chloroaniline	106-47-8	400	N.D.	
2-Chloronaphthalene	91-58-7	400	N.D.	
4-Chloro-3-methylphenol	59-50-7	400	N.D.	
2-Chlorophenol	95-57-8	400	N.D.	
4-Chlorophenyl phenyl ether	7005-72-3	400	N.D.	
Chrysene	218-0109	400	6,800	<---
Dibenz(a,h)anthracene	53-70-3	400	N.D.	
Dibenzofuran	132-64-9	400	N.D.	
Di-N-butyl phthalate	84-74-2	1000	N.D.	
1,3-Dichlorobenzene	541-73-1	400	N.D.	
1,4-Dichlorobenzene	106-46-7	400	N.D.	
1,2-Dichlorobenzene	95-50-1	400	N.D.	
3,3-Dichlorobenzidine	91-94-1	400	N.D.	
2,4-Dichlorophenol	120-83-2	400	N.D.	
Diethyl phthalate	84-66-2	400	N.D.	
2,4-Dimethylphenol	105-67-9	400	N.D.	
Dimethyl phthalate	131-11-3	400	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	400	N.D.	
2,4-Dinitrophenol	51-28-5	400	N.D.	
2,4-Dinitrotoluene	121-14-2	1000	N.D.	
2,6-Dinitrotoluene	606-20-2	1000	N.D.	
Di-N-octyl phthalate	117-84-0	1000	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE3-SP3
Laboratory Sample #: 97070297

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	400	5,100	<---
Fluorene	86-73-7	400	2,800	<---
Hexachlorobenzene	118-74-1	400	N.D.	
Hexachlorobutadiene	87-68-3	400	N.D.	
Hexachlorocyclopentadiene	77-47-4	400	N.D.	
Hexachloroethane	67-72-1	400	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	1000	1,300	<---
Isophorone	78-59-1	400	N.D.	
2-Methylnaphthalene	91-57-6	400	52,000	<---
2-Methylphenol	95-48-7	400	N.D.	
4-Methylphenol	106-44-5	400	N.D.	
Naphthalene	91-20-3	400	14,000	<---
2-Nitroaniline	88-74-4	1000	N.D.	
3-Nitroaniline	99-09-2	1000	N.D.	
4-Nitroaniline	100-01-6	1000	N.D.	
Nitrobenzene	98-95-3	400	N.D.	
2-Nitrophenol	88-75-5	400	N.D.	
4-Nitrophenol	100-02-7	400	N.D.	
N-Nitrosodiphenylamine	86-30-6	400	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	400	N.D.	
N-Nitrosodimethylamine	62-75-9	400	N.D.	
Pentachlorophenol	87-86-5	1000	N.D.	
Phenanthrene	85-01-8	400	16,000	<---
Phenol	108-95-2	400	N.D.	
Pyrene	129-00-0	400	20,000	<---
1,2,4-Trichlorobenzene	120-82-1	400	N.D.	
2,4,5-Trichlorophenol	95-95-4	400	N.D.	
2,4,6-Trichlorophenol	88-06-2	400	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE3-SP3

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/22/97
Reported: 07/25/97

Laboratory Sample Number: 97070297
Laboratory Reference #: MWI 9359

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

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

ORANGE COAST ANALYTICAL

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 07/18/97
Sample Description: Water,
Received: 07/18/97
Analyzed: 07/22/97
Laboratory Reference #: MWI 9359
Reported: 07/25/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070299	Equip Blank	N.D.
97070300	Rinsate Blank	N.D.
Detection Limit:		0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070299
Laboratory Reference #: MWI 9359

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070300
Laboratory Reference #: MWI 9359

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070299
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070299

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	89
Toluene-d8	96
4-Bromofluorobenzene	95

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070300
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070300

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	88
Toluene-d8	100
4-Bromofluorobenzene	93

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070301
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070301

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	90
Toluene-d8	98
4-Bromofluorobenzene	94

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070299
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070299

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070300
Laboratory Reference #: MWI 9359

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/23/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070300

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/21/97
Reported: 07/25/97

Laboratory Sample Number: 97070299
Laboratory Reference #: MWI 9359

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/21/97
Reported: 07/25/97

Laboratory Sample Number: 97070300
Laboratory Reference #: MWI 9359

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/21/97
Reported: 07/25/97

Laboratory Sample Number: 97070299
Laboratory Reference #: MWI 9359

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/18/97
Received: 07/18/97
Analyzed: 07/21/97
Reported: 07/25/97

Laboratory Sample Number: 97070300
Laboratory Reference #: MWI 9359

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/21/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9359

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	102	95	102	95	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9359

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.2	2.3	88	92	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/23/97
Laboratory Sample No : 97070316
Laboratory Reference No : MWI 9359

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	29.0	30.0	97	100	3
Arsenic	0.0	10.0	9.2	8.0	92	80	14
Barium	6.7	10.0	17.0	17.0	103	103	0
Beryllium	0.00	1.00	0.95	0.96	95	96	1
Cadmium	0.00	1.00	0.99	0.99	99	99	0
Chromium (Total)	1.30	5.00	6.50	6.30	104	100	3
Chromium (VI)	0.00	1.00	0.88	0.84	88	84	5
Cobalt	0.33	1.00	1.20	1.20	87	87	0
Copper	5.10	5.00	11.00	10.60	118	110	4
Lead	2.20	10.0	11.2	11.9	90	97	6
Mercury	0.000	0.020	0.020	0.019	100	95	5
Molybdenum	0.0	10.0	9.9	9.7	99	97	2
Nickel	0.40	5.00	5.0	4.8	93	88	4
Selenium	0.0	10.0	9.6	8.9	96	89	8
Silver	0.0	5.0	4.9	4.8	98	96	2
Thallium	0.0	30.0	26.0	26.0	87	87	0
Vanadium	1.8	5.0	6.7	6.5	98	94	3
Zinc	9.9	10.0	18.7	19.3	88	94	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/23/97
Laboratory Sample No : 97070300
Laboratory Reference No : MWI 9359

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.50	2.70	83	90	8
Arsenic	0.00	1.00	1.02	1.04	102	104	2
Barium	0.000	0.100	0.081	0.089	81	89	9
Beryllium	0.00	0.100	0.099	0.099	99	99	0
Cadmium	0.00	0.100	0.104	0.099	104	99	5
Chromium (VI)	0.00	0.50	0.45	0.40	90	80	12
Chromium (Total)	0.00	0.100	0.091	0.094	91	94	3
Cobalt	0.00	0.100	0.116	0.120	116	120	3
Copper	0.000	0.100	0.097	0.099	97	99	2
Lead	0.00	1.00	1.00	0.92	100	92	8
Mercury	0.000	0.020	0.021	0.023	105	115	9
Molybdenum	0.00	1.00	0.82	0.89	82	89	8
Nickel	0.00	0.50	0.48	0.54	96	108	12
Selenium	0.00	1.00	1.08	0.94	108	94	14
Silver	0.00	0.50	0.47	0.47	94	94	0
Thallium	0.00	3.00	2.70	2.90	90	97	7
Vanadium	0.00	0.50	0.50	0.50	100	100	0
Zinc	0.000	0.100	0.084	0.090	84	90	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9359

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	51	104	102	2
1,1-Dichloroethene	0.0	50	50	50	100	100	0
Trichloroethene	0.0	50	46	45	92	90	2
Toluene	0.0	50	51	49	102	98	4
Chlorobenzene	0.0	50	47	46	94	92	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/23/97
Laboratory Sample No : 97070301
Laboratory Reference No : MWI 9359

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	20	100	100	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	17	19	85	95	11
Toluene	0.0	20	19	20	95	100	5
Chlorobenzene	0.0	20	19	19	95	95	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9359

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	1.2	110	120	9

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9359

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	15	100	75	29

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/22/97
Laboratory Sample No : 97070186
Laboratory Reference No : MWI 9359

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	120	140	48	56	15

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9359

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	46	47	92	94	2
n-Nitroso-di-n-propylamine	0.0	50	45	50	90	100	11
1,2,4-Trichlorobenzene	0.0	50	46	48	92	96	4
Acenaphthene	0.0	50	47	47	94	94	0
Pyrene	0.0	50	45	44	90	88	2
'entachlorophenol	0.0	100	75	84	75	84	11
4-Chloro-3-Methylphenol	0.0	100	73	77	73	77	5
2-Chlorophenol	0.0	100	77	78	77	78	1
Phenol	0.0	100	74	75	74	75	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

RANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/23/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9359

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	35	36	70	72	3
n-Nitroso-di-n-propylamine	0.0	50	43	45	86	90	5
1,2,4-Trichlorobenzene	0.0	50	37	37	74	74	0
Acenaphthene	0.0	50	45	46	90	92	2
Pyrene	0.0	50	45	46	90	92	2
Pentachlorophenol	0.0	100	78	78	78	78	0
4-Chloro-3-Methylphenol	0.0	100	67	68	67	68	1
2-Chlorophenol	0.0	100	73	74	73	74	1
Phenol	0.0	100	23	24	23	24	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No: ____
Page 1 of 1

24 hr TAT on Soil [illegible]
Standard TAT [illegible]

CUSTOMER INFORMATION

COMPANY: Montgomery Watson	PROJECT NAME: McDonnell Douglas
SEND REPORT TO: Fred Strauss	NUMBER: 1206035, 01090010
ADDRESS: 250 N Madison	LOCATION: C.G. facility,
Pasadena, CA 91101	ADDRESS: 19503 S Normandie
	Los Angeles, CA
PHONE: (818) 568-6582 FAX: (818) 796-5941	SAMPLED BY: ANJIV

SAMPLE ID	NO. OF CONTAINERS	DATE	TIME	MATRIX	CONTAINER	PRESERVATION	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-RE2-SP9	2	7/18/97	1310	Soil	2"x6" SS sleeve	Ice	X	X	X	X					
OA1-RE2-SP10			1330				X	X	X	X					
OA1-RE3-SP1			1400				X	X	X	X					
OA1-RE3-SP2			1420				X	X	X	X					
OA1-RE3-SP3			1440				X	X	X	X					
OA1-RE3-SP4			1510				X	X	X	X					
Equipment Blank	7	7/18/97	1500	Water	4 amber + poly 2 VOAs	none HNO3 HCL	X	X	X	X	X	X			
Rinsate Blank	7	7/18/97	1515				X	X	X	X	X	X			
Trip Blank	2	7/18/97			2 VOAs	HCL			X						

Total No. of Samples: 9

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/18/97 1645		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 7/18/97 16:45

Reporting Format: (check)
NORMAL ____ S.D. HMMD ____
RWQCB ____ OTHER ____

Sample Integrity: (check)
intact ____ on ice ____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026205

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 7/22/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please analyze the following sample for PCBs (8080) on standard turn-around time:

OA1-RE3-SP3

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/22/97
Reported: 07/22/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070317	OA1-RE3-SP5	47

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE3-SP5

Sampled: 07/21/97
Recevied: 07/21/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070317
Laboratory Reference #: MWI 9364

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	43
Cobalt	6010	80	8000	0.5	7.7
Copper	6010	25	2500	0.1	14
Lead	6010	5.0	1000	1.0	5.0
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	11
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	28
Zinc	6010	250	5000	0.1	79

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, OA1-RE3-SP5
Laboratory Sample Number: 97070317
Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/22/97
Reported: 07/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	2.5	N.D.
Bromodichloromethane	75-27-4	2.5	N.D.
Bromoform	75-25-2	2.5	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	N.D.
Carbon tetrachloride	56-23-5	2.5	N.D.
Chlorobenzene	108-90-7	2.5	N.D.
Chlorodibromomethane	124-48-1	2.5	N.D.
Chloroethane	75-00-3	2.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
Chloromethane	74-87-3	2.5	N.D.
1,1-Dichloroethane	75-34-3	2.5	N.D.
1,2-Dichloroethane	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.
1,2-Dichloropropane	78-87-5	2.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.
Ethylbenzene	100-41-4	2.5	N.D.
Methylene chloride	75-09-2	5.0	N.D.
Styrene	100-42-5	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
Tetrachloroethene	127-18-4	2.5	N.D.
Toluene	108-88-3	2.5	N.D.
1,1,1-Trichloroethane	71-55-6	2.5	N.D.
1,1,2-Trichloroethane	79-00-5	2.5	N.D.
Trichloroethene	79-01-6	2.5	N.D.
Trichlorofluoromethane	75-69-4	5.0	N.D.
Vinyl acetate	108-05-4	5.0	N.D.
Vinyl chloride	75-01-4	2.5	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorodifluoromethane	75-71-8	2.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.
2,2-Dichloropropane	594-20-7	2.5	N.D.
Bromochloromethane	74-97-5	2.5	N.D.
1,1-Dichloropropene	563-58-6	2.5	N.D.
Dibromomethane	74-95-3	2.5	N.D.
1,2-Dibromoethane	106-93-4	2.5	N.D.

ORANGE COAST ANALYTICAL, INC.
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE3-SP5
Laboratory Sample #: 97070317

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
1,3-Dichloropropane	142-28-9	2.5	N.D.
Isopropylbenzene	98-82-8	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
1,2,3-Trichloropropane	96-18-4	2.5	N.D.
Bromobenzene	108-86-1	2.5	N.D.
n-Propylbenzene	103-65-1	2.5	N.D.
2-Chlorotoluene	95-49-8	2.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	2.5	N.D.
4-Chlorotoluene	106-43-4	2.5	N.D.
tert-Butylbenzene	98-06-6	2.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	2.5	N.D.
sec-Butylbenzene	135-98-8	2.5	N.D.
4-Isopropyltoluene	99-87-6	2.5	N.D.
1,3-Dichlorobenzene	541-73-1	2.5	N.D.
1,4-Dichlorobenzene	106-46-7	2.5	N.D.
n-Butylbenzene	104-51-8	2.5	N.D.
1,2-Dichlorobenzene	95-50-1	2.5	N.D.
1,2-Dibromo-3-CPA	96-12-8	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.
Hexachlorobutadiene	87-68-3	2.5	N.D.
Naphthalene	91-20-3	2.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	92
Toluene-d8	97
4-Bromofluorobenzene	93

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE3-SP5
Laboratory Sample Number: 97070317
Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/23/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	660
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	2,200
Benzo (b) fluoranthene	205-99-2	250	2,700
Benzo (k) fluoranthene	207-08-9	250	830
Benzo (g,h,i)perylene	191-24-2	250	780
Benzo (a) pyrene	50-32-8	250	1,300
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	110
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	3,200
Dibenz(a,h)anthracene	53-70-3	100	220
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE3-SP5
Laboratory Sample #: 97070317

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	100	8,400
Fluorene	86-73-7	100	330
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	630
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	4,300
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	7,500
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Recevied: 07/21/97
Analyzed: 07/22/97
Reported: 07/25/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070323	Equip Blank	N.D.
97070324	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070323
Laboratory Reference #: MWI 9364

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/23/97
Reported: 07/25/97

Laboratory Sample Number: 97070324
Laboratory Reference #: MWI 9364

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070323
Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/23/97
Reported: 07/31/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070323

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	99
4-Bromofluorobenzene	94

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070324
Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/23/97
Reported: 07/31/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070324

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	95
Toluene-d8	98
4-Bromofluorobenzene	94

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070325
Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/23/97
Reported: 07/31/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070325

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	96
Toluene-d8	98
4-Bromofluorobenzene	94

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070323
Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/23/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070323

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070324
Laboratory Reference #: MWI 9364

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/23/97
Reported: 07/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070324

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/28/97
Reported: 07/31/97

Laboratory Sample Number: 97070323
Laboratory Reference #: MWI 9364

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/28/97
Reported: 07/31/97

Laboratory Sample Number: 97070324
Laboratory Reference #: MWI 9364

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/28/97
Reported: 07/31/97

Laboratory Sample Number: 97070323
Laboratory Reference #: MWI 9364

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/21/97
Received: 07/21/97
Analyzed: 07/28/97
Reported: 07/31/97

Laboratory Sample Number: 97070324
Laboratory Reference #: MWI 9364

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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QC DATA REPORT

Analysis : STLC (EPA 6010)

Date of Analysis : 08/04/97
Laboratory Sample No : 97070265
Laboratory Reference No : MWI 9364

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Chromium	2.3	2.0	4.4	4.2	105	95	5
Lead	6.0	10.0	15.0	15.4	90	94	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : TCLP (EPA 6010)

Date of Analysis : 08/04/97
Laboratory Sample No : 97070221
Laboratory Reference No : MWI 9364

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Chromium	0.13	1.00	1.08	1.18	95	105	9
Lead	0.0	10	9.0	10	90	100	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9364

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.2	2.3	88	92	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/22/97
Laboratory Sample No :97070222
Laboratory Reference No : MWI 9364

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	101	101	101	101	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/22/97
Laboratory Sample No : 97070317
Laboratory Reference No : MWI 9364

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	52	104	104	0
1,1-Dichloroethene	0.0	50	51	50	102	100	2
Trichloroethene	0.0	50	47	46	94	92	2
Toluene	0.0	50	50	50	100	100	0
Chlorobenzene	0.0	50	48	47	96	94	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/23/97
Laboratory Sample No : 97070301
Laboratory Reference No : MWI 9364

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	20	100	100	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	17	19	85	95	11
Toluene	0.0	20	19	20	95	100	5
Chlorobenzene	0.0	20	19	19	95	95	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9364

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	46	47	92	94	2
n-Nitroso-di-n-propylamine	0.0	50	45	50	90	100	11
1,2,4-Trichlorobenzene	0.0	50	46	48	92	96	4
Acenaphthene	0.0	50	47	47	94	94	0
Pyrene	0.0	50	45	44	90	88	2
Pentachlorophenol	0.0	100	75	84	75	84	11
4-Chloro-3-Methylphenol	0.0	100	73	77	73	77	5
2-Chlorophenol	0.0	100	77	78	77	78	1
Phenol	0.0	100	74	75	74	75	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/23/97
Laboratory Sample No : 97070366
Laboratory Reference No : MWI 9364

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	45	45	90	90	0
n-Nitroso-di-n-propylamine	0.0	50	39	38	78	76	3
1,2,4-Trichlorobenzene	0.0	50	46	45	92	90	2
Acenaphthene	0.0	50	47	48	94	96	2
Pyrene	9.8	50	69	65	118	110	6
Pentachlorophenol	0.0	100	61	56	61	56	9
4-Chloro-3-Methylphenol	0.0	100	69	64	69	64	8
2-Chlorophenol	0.0	100	78	77	78	77	1
Phenol	0.0	100	68	65	68	65	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/23/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9364

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	43	46	86	92	7
n-Nitroso-di-n-propylamine	0.0	50	45	45	90	90	0
1,2,4-Trichlorobenzene	0.0	50	44	46	88	92	4
Acenaphthene	0.0	50	45	46	90	92	2
Pyrene	0.0	50	44	46	88	92	4
Pentachlorophenol	0.0	100	80	81	80	81	1
4-Chloro-3-Methylphenol	0.0	100	73	72	73	72	1
2-Chlorophenol	0.0	100	74	76	74	76	3
Phenol	0.0	100	72	74	72	74	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/23/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9364

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	35	36	70	72	3
n-Nitroso-di-n-propylamine	0.0	50	43	45	86	90	5
1,2,4-Trichlorobenzene	0.0	50	37	37	74	74	0
Acenaphthene	0.0	50	45	46	90	92	2
Pyrene	0.0	50	45	46	90	92	2
Pentachlorophenol	0.0	100	78	78	78	78	0
4-Chloro-3-Methylphenol	0.0	100	67	68	67	68	1
2-Chlorophenol	0.0	100	73	74	73	74	1
Phenol	0.0	100	23	24	23	24	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/23/97
Laboratory Sample No : 97070316
Laboratory Reference No : MWI 9364

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	29.0	30.0	97	100	3
Arsenic	0.0	10.0	9.2	8.0	92	80	14
Barium	6.7	10.0	17.0	17.0	103	103	0
Beryllium	0.00	1.00	0.95	0.96	95	96	1
Cadmium	0.00	1.00	0.99	0.99	99	99	0
Chromium (Total)	1.30	5.00	6.50	6.30	104	100	3
Chromium (VI)	0.00	1.00	0.88	0.84	88	84	5
Cobalt	0.33	1.00	1.20	1.20	87	87	0
Copper	5.10	5.00	11.00	10.60	118	110	4
Lead	2.20	10.0	11.2	11.9	90	97	6
Mercury	0.000	0.020	0.020	0.019	100	95	5
Molybdenum	0.0	10.0	9.9	9.7	99	97	2
Nickel	0.40	5.00	5.0	4.8	93	88	4
Selenium	0.0	10.0	9.6	8.9	96	89	8
Silver	0.0	5.0	4.9	4.8	98	96	2
Thallium	0.0	30.0	26.0	26.0	87	87	0
Vanadium	1.8	5.0	6.7	6.5	98	94	3
Zinc	9.9	10.0	18.7	19.3	88	94	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/23/97
Laboratory Sample No : 97070300
Laboratory Reference No : MWI 9364

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.50	2.70	83	90	8
Arsenic	0.00	1.00	1.02	1.04	102	104	2
Barium	0.000	0.100	0.081	0.089	81	89	9
Beryllium	0.00	0.100	0.099	0.099	99	99	0
Cadmium	0.00	0.100	0.104	0.099	104	99	5
Chromium (VI)	0.00	0.50	0.45	0.40	90	80	12
Chromium (Total)	0.00	0.100	0.091	0.094	91	94	3
Cobalt	0.00	0.100	0.116	0.120	116	120	3
Copper	0.000	0.100	0.097	0.099	97	99	2
Lead	0.00	1.00	1.00	0.92	100	92	8
Mercury	0.000	0.020	0.021	0.023	105	115	9
Molybdenum	0.00	1.00	0.82	0.89	82	89	8
Nickel	0.00	0.50	0.48	0.54	96	108	12
Selenium	0.00	1.00	1.08	0.94	108	94	14
Silver	0.00	0.50	0.47	0.47	94	94	0
Thallium	0.00	3.00	2.70	2.90	90	97	7
Vanadium	0.00	0.50	0.50	0.50	100	100	0
Zinc	0.000	0.100	0.084	0.090	84	90	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/28/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9364

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	22	100	110	10

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/28/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9364

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	0.71	0.71	71	71	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No: _____
Page _____ of _____

REQUIRED TAT: 24 hr TAT on TRPH only; Standard TAT otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	Mc Donnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA	LOCATION:	C-6 Facility
		ADDRESS:	19503 Normandie Ave. Los Angeles, CA
PHONE:	818-568-6582 FAX: 818-796-5941	SAMPLED BY:	AWN/IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-RE3-SP5	2	7/21/97	1538	SOIL	2"x6" SS Sleeve	ICE	X	X	X	X					
OA1-RE3-SP6	2		1546				X	X	X	X					
OA1-RE3-SP7	2		1605				X	X	X	X					
OA1-RE3-SP8	2		1615				X	X	X	X					
OA1-RE3-SP9	2		1620				X	X	X	X					
OA1-RE3-SP10	2		1627				X	X	X	X					
Equipment Blank	7		1650	WATER	4 amber 1 poly 2 VOAs	None VOAs HCl	X	X	X	X	X	X			
Rinsate Blank	7		1710				X	X	X	X	X	X			
Trip Blank	2		—		2 VOAs	HCl			X						

Total No. of Samples: 9

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/21/97 1730		
		Received For Lab By: [signature]	7/21/97 17:30

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026244

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 7/28/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please perform the California Waste Extraction Test [redacted] on the following samples for the indicated analytes only on standard turn-around time:

OA1-RE1-SP1	Chromium (total), and Lead (total)
OA1-RE1-SP2	Chromium (total), and Lead (total)
OA1-RE1-SP5	Chromium (total)
OA1-RE1-SP7	Chromium (total)
OA1-RE2-SP5	Chromium (total), and Lead (total)
OA1-RE2-SP7	Chromium (total), and Lead (total)
[redacted]	

Also, please analyze the following sample for PCBs (8080) on standard turn-around time:

OA1-RE4-SP1

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 8/1/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please change the turn-around time to RUSH for all the California Waste Extraction Test (WET) and TCLP analyses requested on the following samples:

OA1-RE1-SP1
OA1-RE1-SP2
OA1-RE1-SP5
OA1-RE1-SP7
OA1-RE2-SP5
OA1-RE2-SP7
OA1-RE3-SP6
OA1-RE3-SP8
OA1-RE3-SP9
OA1-RE3-SP10

Also please analyze the following sample for PCBs (8080) on standard turn-around time:

OA1-RE7-SP2

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/23/97
Reported: 07/23/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070349	OA1-GS-6-3'	13
97070355	OA1-GS-12-5'	9,800
Detection Limit:		8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/23/97
Reported: 07/23/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070356	OA1-GS-13-9'	5,400
97070365	OA1-RE4-SP1	1,300

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-GS-6-3'

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/24/97
Reported: 07/29/97

Laboratory Sample Number: 97070349
Laboratory Reference #: MWI 9370

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	86	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	22	<---
Cobalt	6010	80	8000	0.5	6.4	<---
Copper	6010	25	2500	0.1	9.3	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	8.3	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	28	<---
Zinc	6010	250	5000	0.1	30	<---

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-GS-12-5'

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/24/97
Reported: 07/29/97

Laboratory Sample Number: 97070355
Laboratory Reference #: MWI 9370

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	120	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	29	<---
Cobalt	6010	80	8000	0.5	9.0	<---
Copper	6010	25	2500	0.1	12	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	14	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	37	<---
Zinc	6010	250	5000	0.1	40	<---

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-GS-13-9'

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/24/97
Reported: 07/29/97

Laboratory Sample Number: 97070356
Laboratory Reference #: MWI 9370

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	100	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	28	<---
Cobalt	6010	80	8000	0.5	7.2	<---
Copper	6010	25	2500	0.1	9.9	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	13	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	36	<---
Zinc	6010	250	5000	0.1	44	<---

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE4-SP1

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/24/97
Reported: 07/29/97

Laboratory Sample Number: 97070365
Laboratory Reference #: MWI 9370

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	110	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	160	<---
Cobalt	6010	80	8000	0.5	7.1	<---
Copper	6010	25	2500	0.1	36	<---
Lead	6010	5.0	1000	1.0	41	<---
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	15	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	33	<---
Zinc	6010	250	5000	0.1	280	<---

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-GS-6-3'
Laboratory Sample Number: 97070349
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/25/97
Reported: 07/29/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	2.5	N.D.
Bromodichloromethane	75-27-4	2.5	N.D.
Bromoform	75-25-2	2.5	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	N.D.
Carbon tetrachloride	56-23-5	2.5	N.D.
Chlorobenzene	108-90-7	2.5	N.D.
Chlorodibromomethane	124-48-1	2.5	N.D.
Chloroethane	75-00-3	2.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
Chloromethane	74-87-3	2.5	N.D.
1,1-Dichloroethane	75-34-3	2.5	N.D.
1,2-Dichloroethane	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.
1,2-Dichloropropane	78-87-5	2.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.
Ethylbenzene	100-41-4	2.5	N.D.
Methylene chloride	75-09-2	5.0	N.D.
Styrene	100-42-5	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
Tetrachloroethene	127-18-4	2.5	N.D.
Toluene	108-88-3	2.5	N.D.
1,1,1-Trichloroethane	71-55-6	2.5	N.D.
1,1,2-Trichloroethane	79-00-5	2.5	N.D.
Trichloroethene	79-01-6	2.5	N.D.
Trichlorofluoromethane	75-69-4	5.0	N.D.
Vinyl acetate	108-05-4	5.0	N.D.
Vinyl chloride	75-01-4	2.5	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorodifluoromethane	75-71-8	2.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.
2,2-Dichloropropane	594-20-7	2.5	N.D.
Bromochloromethane	74-97-5	2.5	N.D.
1,1-Dichloropropene	563-58-6	2.5	N.D.
Dibromomethane	74-95-3	2.5	N.D.
1,2-Dibromoethane	106-93-4	2.5	N.D.

ORANGE COAST ANALYTICAL, INC.
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-GS-6-3'
Laboratory Sample #: 97070349

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
1,3-Dichloropropane	142-28-9	2.5	N.D.
Isopropylbenzene	98-82-8	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
1,2,3-Trichloropropane	96-18-4	2.5	N.D.
Bromobenzene	108-86-1	2.5	N.D.
n-Propylbenzene	103-65-1	2.5	N.D.
2-Chlorotoluene	95-49-8	2.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	2.5	N.D.
4-Chlorotoluene	106-43-4	2.5	N.D.
tert-Butylbenzene	98-06-6	2.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	2.5	N.D.
sec-Butylbenzene	135-98-8	2.5	N.D.
4-Isopropyltoluene	99-87-6	2.5	N.D.
1,3-Dichlorobenzene	541-73-1	2.5	N.D.
1,4-Dichlorobenzene	106-46-7	2.5	N.D.
n-Butylbenzene	104-51-8	2.5	N.D.
1,2-Dichlorobenzene	95-50-1	2.5	N.D.
1,2-Dibromo-3-CPA	96-12-8	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.
Hexachlorobutadiene	87-68-3	2.5	N.D.
Naphthalene	91-20-3	2.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	97
Toluene-d8	97
4-Bromofluorobenzene	94

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/31/97
Reported: 08/01/97

Sample Description: Soil, OA1-GS-12-5'
Laboratory Sample Number: 97070355
Laboratory Reference #: MWI 9370

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	1000	N.D.
Bromodichloromethane	75-27-4	1000	N.D.
Bromoform	75-25-2	1000	N.D.
Bromomethane	74-83-9	1000	N.D.
Carbon Disulfide	75-15-0	2000	N.D.
Carbon tetrachloride	56-23-5	1000	N.D.
Chlorobenzene	108-90-7	1000	N.D.
Chlorodibromomethane	124-48-1	1000	N.D.
Chloroethane	75-00-3	1000	N.D.
2-Chloroethyl vinyl ether	110-75-8	2000	N.D.
Chloroform	67-66-3	1000	N.D.
Chloromethane	74-87-3	1000	N.D.
1,1-Dichloroethane	75-34-3	1000	N.D.
1,2-Dichloroethane	107-06-2	1000	N.D.
1,1-Dichloroethene	75-35-4	1000	N.D.
Trans 1,2-Dichloroethene	156-60-5	1000	N.D.
1,2-Dichloropropane	78-87-5	1000	N.D.
cis-1,3-Dichloropropene	10061-01-5	1000	N.D.
trans-1,3-Dichloropropene	10061-02-6	1000	N.D.
Ethylbenzene	100-41-4	1000	2,500 <---
Methylene chloride	75-09-2	2000	N.D.
Styrene	100-42-5	1000	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	1000	N.D.
Tetrachloroethene	127-18-4	1000	N.D.
Toluene	108-88-3	1000	N.D.
1,1,1-Trichloroethane	71-55-6	1000	N.D.
1,1,2-Trichloroethane	79-00-5	1000	N.D.
Trichloroethene	79-01-6	1000	N.D.
Trichlorofluoromethane	75-69-4	2000	N.D.
Vinyl acetate	108-05-4	2000	N.D.
Vinyl chloride	75-01-4	1000	N.D.
Total Xylenes	1330-20-7	1000	N.D.
Dichlorodifluoromethane	75-71-8	1000	N.D.
cis-1-2,-Dichloroethene	156-59-2	1000	N.D.
2,2-Dichloropropane	594-20-7	1000	N.D.
Bromochloromethane	74-97-5	1000	N.D.
1,1-Dichloropropene	563-58-6	1000	N.D.
Dibromomethane	74-95-3	1000	N.D.
1,2-Dibromoethane	106-93-4	1000	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-GS-12-5'
Laboratory Sample #: 97070355

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	1000	N.D.	
Isopropylbenzene	98-82-8	1000	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	1000	N.D.	
1,2,3-Trichloropropane	96-18-4	1000	N.D.	
Bromobenzene	108-86-1	1000	N.D.	
n-Propylbenzene	103-65-1	1000	1,700	<---
2-Chlorotoluene	95-49-8	1000	N.D.	
1,3,5-Trimethylbenzene	108-67-8	1000	11,000	<---
4-Chlorotoluene	106-43-4	1000	N.D.	
tert-Butylbenzene	98-06-6	1000	N.D.	
1,2,4-Trimethylbenzene	95-63-6	1000	36,000	<---
sec-Butylbenzene	135-98-8	1000	N.D.	
4-Isopropyltoluene	99-87-6	1000	N.D.	
1,3-Dichlorobenzene	541-73-1	1000	N.D.	
1,4-Dichlorobenzene	106-46-7	1000	N.D.	
n-Butylbenzene	104-51-8	1000	2,600	<---
1,2-Dichlorobenzene	95-50-1	1000	N.D.	
1,2-Dibromo-3-CPA	96-12-8	2000	N.D.	
1,2,4-Trichlorobenzene	120-82-1	1000	N.D.	
Hexachlorobutadiene	87-68-3	1000	N.D.	
Naphthalene	91-20-3	1000	120,000	<---
1,2,3-Trichlorobenzene	87-61-6	1000	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	88
Toluene-d8	95
4-Bromofluorobenzene	91

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-GS-13-9'
Laboratory Sample Number: 97070356
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/30/97
Reported: 08/01/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Benzene	71-43-2	500	N.D.	
Bromodichloromethane	75-27-4	500	N.D.	
Bromoform	75-25-2	500	N.D.	
Bromomethane	74-83-9	500	N.D.	
Carbon Disulfide	75-15-0	1000	N.D.	
Carbon tetrachloride	56-23-5	500	N.D.	
Chlorobenzene	108-90-7	500	N.D.	
Chlorodibromomethane	124-48-1	500	N.D.	
Chloroethane	75-00-3	500	N.D.	
2-Chloroethyl vinyl ether	110-75-8	1000	N.D.	
Chloroform	67-66-3	500	N.D.	
Chloromethane	74-87-3	500	N.D.	
1,1-Dichloroethane	75-34-3	500	N.D.	
1,2-Dichloroethane	107-06-2	500	N.D.	
1,1-Dichloroethene	75-35-4	500	N.D.	
Trans 1,2-Dichloroethene	156-60-5	500	N.D.	
1,2-Dichloropropane	78-87-5	500	N.D.	
cis-1,3-Dichloropropene	10061-01-5	500	N.D.	
trans-1,3-Dichloropropene	10061-02-6	500	N.D.	
Ethylbenzene	100-41-4	500	1,700	<---
Methylene chloride	75-09-2	1000	N.D.	
Styrene	100-42-5	500	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	500	N.D.	
Tetrachloroethene	127-18-4	500	N.D.	
Toluene	108-88-3	500	N.D.	
1,1,1-Trichloroethane	71-55-6	500	N.D.	
1,1,2-Trichloroethane	79-00-5	500	N.D.	
Trichloroethene	79-01-6	500	N.D.	
Trichlorofluoromethane	75-69-4	1000	N.D.	
Vinyl acetate	108-05-4	1000	N.D.	
Vinyl chloride	75-01-4	500	N.D.	
Total Xylenes	1330-20-7	500	4,800	<---
Dichlorodifluoromethane	75-71-8	500	N.D.	
cis-1-2,-Dichloroethene	156-59-2	500	N.D.	
2,2-Dichloropropane	594-20-7	500	N.D.	
Bromochloromethane	74-97-5	500	N.D.	
1,1-Dichloropropene	563-58-6	500	N.D.	
Dibromomethane	74-95-3	500	N.D.	
1,2-Dibromoethane	106-93-4	500	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-GS-13-9'
Laboratory Sample #: 97070356

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	500	N.D.	
Isopropylbenzene	98-82-8	500	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	500	N.D.	
1,2,3-Trichloropropane	96-18-4	500	N.D.	
Bromobenzene	108-86-1	500	N.D.	
n-Propylbenzene	103-65-1	500	1,500	<---
2-Chlorotoluene	95-49-8	500	N.D.	
1,3,5-Trimethylbenzene	108-67-8	500	5,900	<---
4-Chlorotoluene	106-43-4	500	N.D.	
tert-Butylbenzene	98-06-6	500	N.D.	
1,2,4-Trimethylbenzene	95-63-6	500	22,000	<---
sec-Butylbenzene	135-98-8	500	N.D.	
4-Isopropyltoluene	99-87-6	500	N.D.	
1,3-Dichlorobenzene	541-73-1	500	N.D.	
1,4-Dichlorobenzene	106-46-7	500	N.D.	
n-Butylbenzene	104-51-8	500	2,600	<---
1,2-Dichlorobenzene	95-50-1	500	N.D.	
1,2-Dibromo-3-CPA	96-12-8	1000	N.D.	
1,2,4-Trichlorobenzene	120-82-1	500	N.D.	
Hexachlorobutadiene	87-68-3	500	N.D.	
Naphthalene	91-20-3	500	97,000	<---
1,2,3-Trichlorobenzene	87-61-6	500	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	86
Toluene-d8	91
4-Bromofluorobenzene	99

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/24/97
Reported: 07/29/97

Sample Description: Soil, OA1-RE4-SP1
Laboratory Sample Number: 97070365
Laboratory Reference #: MWI 9370

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Benzene	71-43-2	2.5	N.D.	
Bromodichloromethane	75-27-4	2.5	N.D.	
Bromoform	75-25-2	2.5	N.D.	
Bromomethane	74-83-9	2.5	N.D.	
Carbon Disulfide	75-15-0	5.0	N.D.	
Carbon tetrachloride	56-23-5	2.5	N.D.	
Chlorobenzene	108-90-7	2.5	N.D.	
Chlorodibromomethane	124-48-1	2.5	N.D.	
Chloroethane	75-00-3	2.5	N.D.	
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.	
Chloroform	67-66-3	2.5	N.D.	
Chloromethane	74-87-3	2.5	N.D.	
1,1-Dichloroethane	75-34-3	2.5	N.D.	
1,2-Dichloroethane	107-06-2	2.5	N.D.	
1,1-Dichloroethene	75-35-4	2.5	N.D.	
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.	
1,2-Dichloropropane	78-87-5	2.5	N.D.	
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.	
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.	
Ethylbenzene	100-41-4	2.5	N.D.	
Methylene chloride	75-09-2	5.0	N.D.	
Styrene	100-42-5	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
Tetrachloroethene	127-18-4	2.5	N.D.	
Toluene	108-88-3	2.5	N.D.	
1,1,1-Trichloroethane	71-55-6	2.5	N.D.	
1,1,2-Trichloroethane	79-00-5	2.5	N.D.	
Trichloroethene	79-01-6	2.5	N.D.	
Trichlorofluoromethane	75-69-4	5.0	N.D.	
Vinyl acetate	108-05-4	5.0	N.D.	
Vinyl chloride	75-01-4	2.5	N.D.	
Total Xylenes	1330-20-7	2.5	54	<---
Dichlorodifluoromethane	75-71-8	2.5	N.D.	
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.	
2,2-Dichloropropane	594-20-7	2.5	N.D.	
Bromochloromethane	74-97-5	2.5	N.D.	
1,1-Dichloropropene	563-58-6	2.5	N.D.	
Dibromomethane	74-95-3	2.5	N.D.	
1,2-Dibromoethane	106-93-4	2.5	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE4-SP1
Laboratory Sample #: 97070365

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	2.5	N.D.	
Isopropylbenzene	98-82-8	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
1,2,3-Trichloropropane	96-18-4	2.5	N.D.	
Bromobenzene	108-86-1	2.5	N.D.	
n-Propylbenzene	103-65-1	2.5	N.D.	
2-Chlorotoluene	95-49-8	2.5	N.D.	
1,3,5-Trimethylbenzene	108-67-8	2.5	53	<---
4-Chlorotoluene	106-43-4	2.5	N.D.	
tert-Butylbenzene	98-06-6	2.5	N.D.	
1,2,4-Trimethylbenzene	95-63-6	2.5	170	<---
sec-Butylbenzene	135-98-8	2.5	28	<---
4-Isopropyltoluene	99-87-6	2.5	33	<---
1,3-Dichlorobenzene	541-73-1	2.5	N.D.	
1,4-Dichlorobenzene	106-46-7	2.5	N.D.	
n-Butylbenzene	104-51-8	2.5	39	<---
1,2-Dichlorobenzene	95-50-1	2.5	N.D.	
1,2-Dibromo-3-CPA	96-12-8	5.0	N.D.	
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.	
Hexachlorobutadiene	87-68-3	2.5	N.D.	
Naphthalene	91-20-3	2.5	430	<---
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	90
Toluene-d8	94
4-Bromofluorobenzene	91

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/28/97
Reported: 07/29/97

Sample Description: Soil, OA1-GS-6-3'
Laboratory Sample Number: 97070349
Laboratory Reference #: MWI 9370

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	800	N.D.
Acenaphthylene	208-96-8	800	N.D.
Aniline	62-53-3	800	N.D.
Anthracene	120-12-7	800	N.D.
Benzoic Acid	65-85-0	4000	N.D.
Benzo (a) anthracene	56-55-3	800	27,000 <---
Benzo (b) fluoranthene	205-99-2	2000	46,000 <---
Benzo (k) fluoranthene	207-08-9	2000	9,400 <---
Benzo (g,h,i)perylene	191-24-2	2000	11,000 <---
Benzo (a) pyrene	50-32-8	2000	16,000 <---
Benzyl alcohol	100-51-6	800	N.D.
Bis(2-chloroethoxy)methane	111-91-1	800	N.D.
Bis(2-chloroethyl)ether	111-44-4	800	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	800	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	800	N.D.
4-Bromophenyl phenyl ether	101-55-3	800	N.D.
Butyl benzyl phthalate	85-68-7	800	N.D.
4-Chloroaniline	106-47-8	800	N.D.
2-Chloronaphthalene	91-58-7	800	N.D.
4-Chloro-3-methylphenol	59-50-7	800	N.D.
2-Chlorophenol	95-57-8	800	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	800	N.D.
Chrysene	218-0109	800	29,000 <---
Dibenz(a,h)anthracene	53-70-3	800	3,400 <---
Dibenzofuran	132-64-9	800	N.D.
Di-N-butyl phthalate	84-74-2	2000	N.D.
1,3-Dichlorobenzene	541-73-1	800	N.D.
1,4-Dichlorobenzene	106-46-7	800	N.D.
1,2-Dichlorobenzene	95-50-1	800	N.D.
3,3-Dichlorobenzidine	91-94-1	800	N.D.
2,4-Dichlorophenol	120-83-2	800	N.D.
Diethyl phthalate	84-66-2	800	N.D.
2,4-Dimethylphenol	105-67-9	800	N.D.
Dimethyl phthalate	131-11-3	800	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	800	N.D.
2,4-Dinitrophenol	51-28-5	800	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-GS-6-3'
Laboratory Sample #: 97070349

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
Fluoranthene	206-44-0	800	41,000 <---
Fluorene	86-73-7	800	N.D.
Hexachlorobenzene	118-74-1	800	N.D.
Hexachlorobutadiene	87-68-3	800	N.D.
Hexachlorocyclopentadiene	77-47-4	800	N.D.
Hexachloroethane	67-72-1	800	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	2000	11,000 <---
Isophorone	78-59-1	800	N.D.
2-Methylnaphthalene	91-57-6	800	N.D.
2-Methylphenol	95-48-7	800	N.D.
4-Methylphenol	106-44-5	800	N.D.
Naphthalene	91-20-3	800	N.D.
2-Nitroaniline	88-74-4	2000	N.D.
3-Nitroaniline	99-09-2	2000	N.D.
4-Nitroaniline	100-01-6	2000	N.D.
Nitrobenzene	98-95-3	800	N.D.
2-Nitrophenol	88-75-5	800	N.D.
4-Nitrophenol	100-02-7	800	N.D.
N-Nitrosodiphenylamine	86-30-6	800	N.D.
N-Nitroso-di-N-propylamine	621-64-7	800	N.D.
N-Nitrosodimethylamine	62-75-9	800	N.D.
Pentachlorophenol	87-86-5	2000	N.D.
Phenanthrene	85-01-8	800	N.D.
Phenol	108-95-2	800	N.D.
Pyrene	129-00-0	800	48,000 <---
1,2,4-Trichlorobenzene	120-82-1	800	N.D.
2,4,5-Trichlorophenol	95-95-4	800	N.D.
2,4,6-Trichlorophenol	88-06-2	800	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-GS-12-5'
Laboratory Sample Number: 97070355
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/30/97
Reported: 07/30/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Acenaphthene	83-32-9	1000	N.D.	
Acenaphthylene	208-96-8	1000	N.D.	
Aniline	62-53-3	1000	N.D.	
Anthracene	120-12-7	1000	4,900	<---
Benzoic Acid	65-85-0	5000	N.D.	
Benzo (a) anthracene	56-55-3	1000	6,600	<---
Benzo (b) fluoranthene	205-99-2	2500	N.D.	
Benzo (k) fluoranthene	207-08-9	2500	N.D.	
Benzo (g,h,i)perylene	191-24-2	2500	3,900	<---
Benzo (a) pyrene	50-32-8	2500	5,800	<---
Benzyl alcohol	100-51-6	1000	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	1000	N.D.	
Bis(2-chloroethyl)ether	111-44-4	1000	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	1000	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	1000	N.D.	
4-Bromophenyl phenyl ether	101-55-3	1000	N.D.	
Butyl benzyl phthalate	85-68-7	1000	N.D.	
4-Chloroaniline	106-47-8	1000	N.D.	
2-Chloronaphthalene	91-58-7	1000	N.D.	
4-Chloro-3-methylphenol	59-50-7	1000	N.D.	
2-Chlorophenol	95-57-8	1000	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	1000	N.D.	
Chrysene	218-0109	1000	10,000	<---
Dibenz(a,h)anthracene	53-70-3	1000	N.D.	
Dibenzofuran	132-64-9	1000	N.D.	
Di-N-butyl phthalate	84-74-2	2500	N.D.	
1,3-Dichlorobenzene	541-73-1	1000	N.D.	
1,4-Dichlorobenzene	106-46-7	1000	N.D.	
1,2-Dichlorobenzene	95-50-1	1000	N.D.	
3,3-Dichlorobenzidine	91-94-1	1000	N.D.	
2,4-Dichlorophenol	120-83-2	1000	N.D.	
Diethyl phthalate	84-66-2	1000	N.D.	
2,4-Dimethylphenol	105-67-9	1000	N.D.	
Dimethyl phthalate	131-11-3	1000	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	1000	N.D.	
2,4-Dinitrophenol	51-28-5	1000	N.D.	
2,4-Dinitrotoluene	121-14-2	2500	N.D.	
2,6-Dinitrotoluene	606-20-2	2500	N.D.	
Di-N-octyl phthalate	117-84-0	2500	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-GS-12-5'
Laboratory Sample #: 97070355

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
Fluoranthene	206-44-0	1000	8,700	<---
Fluorene	86-73-7	1000	7,500	<---
Hexachlorobenzene	118-74-1	1000	N.D.	
Hexachlorobutadiene	87-68-3	1000	N.D.	
Hexachlorocyclopentadiene	77-47-4	1000	N.D.	
Hexachloroethane	67-72-1	1000	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	2500	N.D.	
Isophorone	78-59-1	1000	N.D.	
2-Methylnaphthalene	91-57-6	1000	130,000	<---
2-Methylphenol	95-48-7	1000	N.D.	
4-Methylphenol	106-44-5	1000	N.D.	
Naphthalene	91-20-3	1000	37,000	<---
2-Nitroaniline	88-74-4	2500	N.D.	
3-Nitroaniline	99-09-2	2500	N.D.	
4-Nitroaniline	100-01-6	2500	N.D.	
Nitrobenzene	98-95-3	1000	N.D.	
2-Nitrophenol	88-75-5	1000	N.D.	
4-Nitrophenol	100-02-7	1000	N.D.	
N-Nitrosodiphenylamine	86-30-6	1000	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	1000	N.D.	
N-Nitrosodimethylamine	62-75-9	1000	N.D.	
Pentachlorophenol	87-86-5	2500	N.D.	
Phenanthrene	85-01-8	1000	40,000	<---
Phenol	108-95-2	1000	N.D.	
Pyrene	129-00-0	1000	28,000	<---
1,2,4-Trichlorobenzene	120-82-1	1000	N.D.	
2,4,5-Trichlorophenol	95-95-4	1000	N.D.	
2,4,6-Trichlorophenol	88-06-2	1000	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-GS-13-9'
Laboratory Sample Number: 97070356
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/28/97
Reported: 07/29/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Acenaphthene	83-32-9	2000	N.D.	
Acenaphthylene	208-96-8	2000	N.D.	
Aniline	62-53-3	2000	N.D.	
Anthracene	120-12-7	2000	6,200	<---
Benzoic Acid	65-85-0	10000	N.D.	
Benzo (a) anthracene	56-55-3	2000	9,200	<---
Benzo (b) fluoranthene	205-99-2	5000	N.D.	
Benzo (k) fluoranthene	207-08-9	5000	N.D.	
Benzo (g,h,i)perylene	191-24-2	5000	N.D.	
Benzo (a) pyrene	50-32-8	5000	7,800	<---
Benzyl alcohol	100-51-6	2000	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.	
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.	
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.	
Butyl benzyl phthalate	85-68-7	2000	N.D.	
4-Chloroaniline	106-47-8	2000	N.D.	
2-Chloronaphthalene	91-58-7	2000	N.D.	
4-Chloro-3-methylphenol	59-50-7	2000	N.D.	
2-Chlorophenol	95-57-8	2000	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.	
Chrysene	218-0109	2000	14,000	<---
Dibenz(a,h)anthracene	53-70-3	2000	N.D.	
Dibenzofuran	132-64-9	2000	N.D.	
Di-N-butyl phthalate	84-74-2	5000	N.D.	
1,3-Dichlorobenzene	541-73-1	2000	N.D.	
1,4-Dichlorobenzene	106-46-7	2000	N.D.	
1,2-Dichlorobenzene	95-50-1	2000	N.D.	
3,3-Dichlorobenzidine	91-94-1	2000	N.D.	
2,4-Dichlorophenol	120-83-2	2000	N.D.	
Diethyl phthalate	84-66-2	2000	N.D.	
2,4-Dimethylphenol	105-67-9	2000	N.D.	
Dimethyl phthalate	131-11-3	2000	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.	
2,4-Dinitrophenol	51-28-5	2000	N.D.	
2,4-Dinitrotoluene	121-14-2	5000	N.D.	
2,6-Dinitrotoluene	606-20-2	5000	N.D.	
Di-N-octyl phthalate	117-84-0	5000	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-GS-13-9'
Laboratory Sample #: 97070356

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	2000	11,000 <---
Fluorene	86-73-7	2000	8,400 <---
Hexachlorobenzene	118-74-1	2000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	N.D.
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	160,000 <---
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	46,000 <---
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	50,000 <---
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	44,000 <---
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE4-SP1
Laboratory Sample Number: 97070365
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/24/97
Reported: 07/29/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Acenaphthene	83-32-9	100	N.D.	
Acenaphthylene	208-96-8	100	N.D.	
Aniline	62-53-3	100	N.D.	
Anthracene	120-12-7	100	N.D.	
Benzoic Acid	65-85-0	500	N.D.	
Benzo (a) anthracene	56-55-3	100	130	<---
Benzo (b) fluoranthene	205-99-2	250	N.D.	
Benzo (k) fluoranthene	207-08-9	250	N.D.	
Benzo (g,h,i)perylene	191-24-2	250	N.D.	
Benzo (a) pyrene	50-32-8	250	N.D.	
Benzyl alcohol	100-51-6	100	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.	
Bis(2-chloroethyl)ether	111-44-4	100	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	100	1,400	<---
4-Bromophenyl phenyl ether	101-55-3	100	N.D.	
Butyl benzyl phthalate	85-68-7	100	190	<---
4-Chloroaniline	106-47-8	100	N.D.	
2-Chloronaphthalene	91-58-7	100	N.D.	
4-Chloro-3-methylphenol	59-50-7	100	N.D.	
2-Chlorophenol	95-57-8	100	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.	
Chrysene	218-0109	100	200	<---
Dibenz(a,h)anthracene	53-70-3	100	N.D.	
Dibenzofuran	132-64-9	100	N.D.	
Di-N-butyl phthalate	84-74-2	250	N.D.	
1,3-Dichlorobenzene	541-73-1	100	N.D.	
1,4-Dichlorobenzene	106-46-7	100	N.D.	
1,2-Dichlorobenzene	95-50-1	100	N.D.	
3,3-Dichlorobenzidine	91-94-1	100	N.D.	
2,4-Dichlorophenol	120-83-2	100	N.D.	
Diethyl phthalate	84-66-2	100	N.D.	
2,4-Dimethylphenol	105-67-9	100	N.D.	
Dimethyl phthalate	131-11-3	100	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.	
2,4-Dinitrophenol	51-28-5	100	N.D.	
2,4-Dinitrotoluene	121-14-2	250	N.D.	
2,6-Dinitrotoluene	606-20-2	250	N.D.	
Di-N-octyl phthalate	117-84-0	250	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE4-SP1
Laboratory Sample #: 97070365

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	100	190	<---
Fluorene	86-73-7	100	280	<---
Hexachlorobenzene	118-74-1	100	N.D.	
Hexachlorobutadiene	87-68-3	100	N.D.	
Hexachlorocyclopentadiene	77-47-4	100	N.D.	
Hexachloroethane	67-72-1	100	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	250	N.D.	
Isophorone	78-59-1	100	N.D.	
2-Methylnaphthalene	91-57-6	100	1,900	<---
2-Methylphenol	95-48-7	100	N.D.	
4-Methylphenol	106-44-5	100	N.D.	
Naphthalene	91-20-3	100	390	<---
2-Nitroaniline	88-74-4	250	N.D.	
3-Nitroaniline	99-09-2	250	N.D.	
4-Nitroaniline	100-01-6	250	N.D.	
Nitrobenzene	98-95-3	100	N.D.	
2-Nitrophenol	88-75-5	100	N.D.	
4-Nitrophenol	100-02-7	100	N.D.	
N-Nitrosodiphenylamine	86-30-6	100	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.	
N-Nitrosodimethylamine	62-75-9	100	N.D.	
Pentachlorophenol	87-86-5	250	N.D.	
Phenanthrene	85-01-8	100	990	<---
Phenol	108-95-2	100	N.D.	
Pyrene	129-00-0	100	400	<---
1,2,4-Trichlorobenzene	120-82-1	100	N.D.	
2,4,5-Trichlorophenol	95-95-4	100	N.D.	
2,4,6-Trichlorophenol	88-06-2	100	N.D.	

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

Orange Coast Analytical

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Montgomery Watson
ATTN: Mr. Fred Strauss
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE4-SP1

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/28/97
Reported: 07/29/97

Laboratory Sample Number: 97070365
Laboratory Reference #: MWI 9370

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	35 <---

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9370A

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 08/11/97
Reported: 08/11/97

STLC CHROMIUM (TITLE 22/EPA 6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070365	OA1-RE4-SP1	2.2

Detection Limit:	0.1

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
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250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9370A

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 08/11/97
Reported: 08/11/97

TCLP CHROMIUM (EPA 1311/6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070365	OA1-RE4-SP1	N.D.

Detection Limit:	0.1

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/25/97
Reported: 07/29/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070367	Equip Blank	N.D.
97070368	Rinsate Blank	N.D.
Detection Limit:		0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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Montgomery Watson
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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/24/97
Reported: 07/29/97

Laboratory Sample Number: 97070367
Laboratory Reference #: MWI 9370

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/24/97
Reported: 07/29/97

Laboratory Sample Number: 97070368
Laboratory Reference #: MWI 9370

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070367
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/23/97
Reported: 07/29/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070367

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	94
Toluene-d8	99
4-Bromofluorobenzene	95

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070368
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/23/97
Reported: 07/29/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070368

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	94
Toluene-d8	99
4-Bromofluorobenzene	95

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070369
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/23/97
Reported: 07/29/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070369

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	95
Toluene-d8	100
4-Bromofluorobenzene	94

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070367
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/23/97
Reported: 07/29/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070367

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070368
Laboratory Reference #: MWI 9370

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/23/97
Reported: 07/29/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070368

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/28/97
Reported: 07/29/97

Laboratory Sample Number: 97070367
Laboratory Reference #: MWI 9370

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/28/97
Reported: 07/29/97

Laboratory Sample Number: 97070368
Laboratory Reference #: MWI 9370

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/28/97
Reported: 07/29/97

Laboratory Sample Number: 97070367
Laboratory Reference #: MWI 9370

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/22/97
Received: 07/22/97
Analyzed: 07/28/97
Reported: 07/29/97

Laboratory Sample Number: 97070368
Laboratory Reference #: MWI 9370

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/24/97
Laboratory Sample No : 97070396
Laboratory Reference No : MWI 9370

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	53	56	106	112	6
1,1-Dichloroethene	0.0	50	49	53	98	106	8
Trichloroethene	0.0	50	49	50	98	100	2
Toluene	0.0	50	52	54	104	108	4
Chlorobenzene	0.0	50	49	50	98	100	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/25/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9370

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	53	53	106	106	0
1,1-Dichloroethene	0.0	50	52	51	104	102	2
Trichloroethene	0.0	50	47	47	94	94	0
Toluene	0.0	50	53	52	106	104	2
Chlorobenzene	0.0	50	47	47	94	94	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/30/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9370

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	52	104	104	0
1,1-Dichloroethene	0.0	50	54	55	108	110	2
Trichloroethene	0.0	50	48	48	96	96	0
Toluene	0.0	50	50	50	100	100	0
Chlorobenzene	0.0	50	48	49	96	98	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/23/97
Laboratory Sample No :97070301
Laboratory Reference No : MWI 9370

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	20	100	100	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	17	19	85	95	11
Toluene	0.0	20	19	20	95	100	5
Chlorobenzene	0.0	20	19	19	95	95	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/23/97
Laboratory Sample No : 97070310
Laboratory Reference No : MWI 9370

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	96	95	96	95	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/23/97
Laboratory Sample No : 97070314
Laboratory Reference No : MWI 9370

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	99	99	99	99	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9370

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.3	2.4	92	96	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/28/97
Laboratory Sample No : 97070316
Laboratory Reference No : MWI 9370

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	150	150	60	60	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/28/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9370

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	22	100	110	10

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/28/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9370

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.71	0.71	71	71	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/23/97
Laboratory Sample No : 97070366
Laboratory Reference No : MWI 9370

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	45	45	90	90	0
n-Nitroso-di-n-propylamine	0.0	50	39	38	78	76	3
1,2,4-Trichlorobenzene	0.0	50	46	45	92	90	2
Acenaphthene	0.0	50	47	48	94	96	2
Pyrene	9.8	50	69	65	118	110	6
Pentachlorophenol	0.0	100	61	56	61	56	9
4-Chloro-3-Methylphenol	0.0	100	69	64	69	64	8
2-Chlorophenol	0.0	100	78	77	78	77	1
Phenol	0.0	100	68	65	68	65	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/25/97
Laboratory Sample No : 97070362
Laboratory Reference No : MWI 9370

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	43	41	86	82	5
n-Nitroso-di-n-propylamine	0.0	50	39	39	78	78	0
1,2,4-Trichlorobenzene	0.0	50	43	42	86	84	2
Acenaphthene	0.0	50	44	42	88	84	5
Pyrene	0.0	50	43	39	86	78	10
Pentachlorophenol	0.0	100	76	72	76	72	5
4-Chloro-3-Methylphenol	0.0	100	71	65	71	65	9
2-Chlorophenol	0.0	100	73	69	73	69	6
Phenol	0.0	100	68	63	68	63	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/27/97
Laboratory Sample No : 97070345
Laboratory Reference No : MWI 9370

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	43	43	86	86	0
n-Nitroso-di-n-propylamine	0.0	50	53	45	106	90	16
1,2,4-Trichlorobenzene	0.0	50	45	44	90	88	2
Acenaphthene	0.0	50	44	44	88	88	0
Pyrene	12.8	50	57	53	88	80	7
Pentachlorophenol	0.0	100	84	82	84	82	2
4-Chloro-3-Methylphenol	0.0	100	70	65	70	65	7
2-Chlorophenol	0.0	100	72	71	72	71	1
Phenol	0.0	100	68	66	68	66	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/28/97
Laboratory Sample No : 97070362
Laboratory Reference No : MWI 9370

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	40	38	80	76	5
n-Nitroso-di-n-propylamine	0.0	50	41	37	82	74	10
1,2,4-Trichlorobenzene	0.0	50	42	41	84	82	2
Acenaphthene	0.0	50	42	40	84	80	5
Pyrene	0.0	50	39	38	78	76	3
Pentachlorophenol	0.0	100	70	67	70	67	4
4-Chloro-3-Methylphenol	0.0	100	66	60	66	60	10
2-Chlorophenol	0.0	100	71	67	71	67	6
Phenol	0.0	100	59	56	59	56	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/30/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9370

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	43	43	86	86	0
n-Nitroso-di-n-propylamine	0.0	50	44	43	88	86	2
1,2,4-Trichlorobenzene	0.0	50	46	44	92	88	4
Acenaphthene	0.0	50	44	44	88	88	0
Pyrene	0.0	50	41	42	82	84	2
Pentachlorophenol	0.0	100	79	74	79	74	7
4-Chloro-3-Methylphenol	0.0	100	63	63	63	63	0
2-Chlorophenol	0.0	100	75	76	75	76	1
Phenol	0.0	100	63	64	63	64	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/24/97
Laboratory Sample No : 97070368
Laboratory Reference No : MWI 9370

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.60	2.70	87	90	4
Arsenic	0.00	1.00	0.90	1.02	90	102	13
Barium	0.000	0.100	0.098	0.104	98	104	6
Beryllium	0.00	0.100	0.101	0.097	101	97	4
Cadmium	0.00	0.100	0.115	0.115	115	115	0
Chromium (VI)	0.00	0.50	0.52	0.48	104	96	8
Chromium (Total)	0.00	0.100	0.102	0.109	102	109	7
Cobalt	0.00	0.100	0.091	0.100	91	100	9
Copper	0.000	0.100	0.107	0.093	107	93	14
Lead	0.00	1.00	1.00	0.88	100	88	13
Mercury	0.000	0.020	0.021	0.022	105	110	5
Molybdenum	0.00	1.00	0.81	0.93	81	93	14
Nickel	0.00	0.50	0.53	0.50	106	100	6
Selenium	0.00	1.00	1.09	0.97	109	97	12
Silver	0.00	0.50	0.52	0.46	104	92	12
Thallium	0.00	3.00	3.00	2.80	100	93	7
Vanadium	0.00	0.50	0.50	0.49	100	98	2
Zinc	0.000	0.100	0.102	0.088	102	88	15

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/24/97
Laboratory Sample No : 97070354
Laboratory Reference No : MWI 9370

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	29.0	30.1	97	100	4
Arsenic	0.0	10.0	8.0	9.2	80	92	14
Barium	12.0	10.0	23.0	23.0	110	110	0
Beryllium	0.00	1.00	1.06	1.01	106	101	5
Cadmium	0.00	1.00	1.07	1.10	107	110	3
Chromium (Total)	2.50	5.00	7.30	7.50	96	100	3
Chromium (VI)	0.00	1.00	0.91	0.95	91	95	4
Cobalt	0.65	1.00	1.72	1.62	107	97	6
Copper	1.10	1.00	2.20	2.10	110	100	5
Lead	0.00	10.0	8.7	8.7	87	87	0
Mercury	0.000	0.020	0.020	0.018	100	90	11
Molybdenum	0.0	10.0	10.1	10.5	101	105	4
Nickel	1.00	5.00	5.9	5.7	98	94	3
Selenium	0.0	10.0	9.2	9.4	92	94	2
Silver	0.0	5.0	4.9	4.8	98	96	2
Thallium	0.0	30.0	24.0	25.0	80	83	4
Vanadium	3.0	5.0	8.2	8.1	104	102	1
Zinc	3.4	5.0	8.1	8.5	94	102	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/24/97
Laboratory Sample No : 97070364
Laboratory Reference No : MWI 9370

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	29.0	28.0	97	93	4
Arsenic	0.0	10.0	8.4	8.3	84	83	1
Barium	11.0	10.0	23.0	21.5	120	105	7
Beryllium	0.00	1.00	0.98	1.00	98	100	2
Cadmium	0.00	1.00	1.02	1.05	102	105	3
Chromium (Total)	3.70	5.00	8.20	8.00	90	86	2
Chromium (VI)	0.00	1.00	0.88	0.90	88	90	2
Cobalt	0.87	1.00	1.89	1.87	102	100	1
Copper	1.90	1.00	3.00	2.90	110	100	3
Lead	0.00	10.0	8.0	8.0	80	80	0
Mercury	0.000	0.020	0.020	0.019	100	95	5
Molybdenum	0.0	10.0	10.3	9.9	103	99	4
Nickel	1.70	5.00	5.8	6.0	82	86	3
Selenium	0.0	10.0	9.2	8.7	92	87	6
Silver	0.0	5.0	5.1	5.7	102	114	11
Thallium	0.0	30.0	24.0	24.0	80	80	0
Vanadium	4.1	5.0	8.4	9.0	86	98	7
Zinc	6.0	5.0	10.4	10.4	88	88	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: ____
Page 1 of 2

REQUIRED TAT: 24 hr TAT on TRPH only; Standard TAT otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	Mc Donnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA	LOCATION:	C-6 Facility
		ADDRESS:	19503 Normandie Ave. Los Angeles, CA
PHONE:	818-568-6582	SAMPLED BY:	CW/AWN/IV
FAX:	818-796-5941		

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080	REMARKS/PRECAUTIONS
OA1-GS-1-4'	2	7/22/97	0850	SOIL	2"x6" SS Sleeve	ICE	X	X					
OA1-GS-2-6'	2		0905				X	X					
OA1-GS-3-4'	2		0940				X	X					
OA1-GS-4-6'	2		0955				X	X					
OA1-GS-5-3'	2		1015				X	X					
OA1-GS-6-3'	2		1030				X	X					
OA1-GS-7-12'	2		1040				X	X					
OA1-GS-8-12'	2		1050				X	X					
OA1-GS-9-10'	2		1100				X	X					
OA1-GS-10-4'	2		1110				X	X					
OA1-GS-11-4'	2		1120				X	X					
OA1-GS-12-5'	2		1140				X	X					
OA1-GS-13-9'	2		1150				X	X					
OA1-GS-14-12'	2		1310				X	X					

Total No. of Samples: 26

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/22/97 1700		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[signature]	7/22/97 17:00

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
Intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026307

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 2 of 2

REQUIRED TAT: 24 hr TAT on Soil TRPH [illegible] Standard TAT Oth[illegible]

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	McDonnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA	LOCATION:	C-6 Facility
		ADDRESS:	19503 Normandie Ave. Los Angeles, CA
PHONE: 818-568-6582	FAX: 818-796-5941	SAMPLED BY:	CW/AWN/IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-GS-15-12'	2	7/22/97	1320	SOIL	2"x6" SS Sleeve	ICE	X	X							
OA1-GS-16-12'	2		1330				X	X							
OA1-GS-17-12'	2		1345				X	X							
OA1-GS-18-12'	2		1415				X	X							
OA1-GS-19-6'	2		1445				X	X							
OA1-GS-20-4'	2		1500				X	X							
OA1-GS-21-12'	2		1515				X	X							
OA1-RE4-SP1	2		1520				X	X	X	X					
OA1-RE4-SP2	2		1530				X	X	X	X					
Equipment Blank	7		1600	WATER	4 amber 1 poly 2 VOAs	None HNO3 HCl	X	X	X	X	X	X			
Rinsate Blank	7		1615		4 amber 1 poly 2 VOAs	None HNO3 HCl	X	X	X	X	X	X			
Trip Blank	2		—		2 VOAs	HCl			X						

Total No. of Samples: 26

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/22/97 1700		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 7/22/97 17:00

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
Intact _____ on ice _____

All samples remain the property of the client who is responsible for [illegible]osal. A disposal fee may be imposed if client fails to pickup samples.

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 7/25/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please analyze the following samples for VOCs (8260) and SVOCs (8270) on standard turn-around time:

97070344	OA1-GS-1-4'	OA1-GS-15-12'	97070358
97070345	OA1-GS-2-6'	OA1-GS-16-12'	97070359
97070346	OA1-GS-3-4'	OA1-GS-17-12'	97070360
97070347	OA1-GS-4-6'	OA1-GS-19-6'	97070362
97070348	OA1-GS-5-3'	OA1-GS-21-12'	97070364
97070349	OA1-GS-6-3'	OA1-GS-22-12'	97070375
97070351	OA1-GS-8-12'	OA1-GS-32-2'	97070385
97070352	OA1-GS-9-10'	OA1-GS-38-3'	97070391
97070354	OA1-GS-11-4'	OA1-GS-40-6'	97070393
97070355	OA1-GS-12-5'	OA1-GS-41-6'	97070394
97070356	OA1-GS-13-9'		
97070357	OA1-GS-14-12'		

Also, please analyze the following samples for PCBs (8080) on standard turn-around time:

OA1-GS-14-12'
OA1-GS-15-12'

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 7/28/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please perform the California Waste Extraction Test (WET) and TCLP analysis on the following samples for the indicated analytes only on standard turn-around time:

OA1-RE1-SP1	Chromium (total), and Lead (total)
OA1-RE1-SP2	Chromium (total), and Lead (total)
OA1-RE1-SP5	Chromium (total)
OA1-RE1-SP7	Chromium (total)
OA1-RE2-SP5	Chromium (total), and Lead (total)
OA1-RE2-SP7	Chromium (total), and Lead (total)
OA1-RE3-SP6	Chromium (total)
OA1-RE3-SP8	Chromium (total)
OA1-RE3-SP9	Chromium (total)
OA1-RE3-SP10	Chromium (total)

[redacted]

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

TOTAL P.01

ORANGE COAST ANALYTICAL, INC.
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 07/29/97
Sample Description: Soil,
Received: 07/29/97
Analyzed: 07/30/97
Laboratory Reference #: MWI 9403
Reported: 07/30/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070531	OA1-RE6-SP3	4,700
Detection Limit:		8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE6-SP3

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/31/97
Reported: 08/05/97

Laboratory Sample Number: 97070531
Laboratory Reference #: MWI 9403

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	98	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	38	<---
Cobalt	6010	80	8000	0.5	7.2	<---
Copper	6010	25	2500	0.1	24	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	12	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	31	<---
Zinc	6010	250	5000	0.1	110	<---

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

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/31/97
Reported: 08/05/97

Sample Description: Soil, OA1-RE6-SP3
Laboratory Sample Number: 97070531
Laboratory Reference #: MWI 9403

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Benzene	71-43-2	50	N.D.	
Bromodichloromethane	75-27-4	50	N.D.	
Bromoform	75-25-2	50	N.D.	
Bromomethane	74-83-9	50	N.D.	
Carbon Disulfide	75-15-0	100	N.D.	
Carbon tetrachloride	56-23-5	50	N.D.	
Chlorobenzene	108-90-7	50	N.D.	
Chlorodibromomethane	124-48-1	50	N.D.	
Chloroethane	75-00-3	50	N.D.	
2-Chloroethyl vinyl ether	110-75-8	100	N.D.	
Chloroform	67-66-3	50	N.D.	
Chloromethane	74-87-3	50	N.D.	
1,1-Dichloroethane	75-34-3	50	N.D.	
1,2-Dichloroethane	107-06-2	50	N.D.	
1,1-Dichloroethene	75-35-4	50	N.D.	
Trans 1,2-Dichloroethene	156-60-5	50	N.D.	
1,2-Dichloropropane	78-87-5	50	N.D.	
cis-1,3-Dichloropropene	10061-01-5	50	N.D.	
trans-1,3-Dichloropropene	10061-02-6	50	N.D.	
Ethylbenzene	100-41-4	50	180	<---
Methylene chloride	75-09-2	100	N.D.	
Styrene	100-42-5	50	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.	
Tetrachloroethene	127-18-4	50	N.D.	
Toluene	108-88-3	50	N.D.	
1,1,1-Trichloroethane	71-55-6	50	N.D.	
1,1,2-Trichloroethane	79-00-5	50	N.D.	
Trichloroethene	79-01-6	50	85	<---
Trichlorofluoromethane	75-69-4	100	N.D.	
Vinyl acetate	108-05-4	100	N.D.	
Vinyl chloride	75-01-4	50	N.D.	
Total Xylenes	1330-20-7	50	420	<---
Dichlorodifluoromethane	75-71-8	50	N.D.	
cis-1-2,-Dichloroethene	156-59-2	50	N.D.	
2,2-Dichloropropane	594-20-7	50	N.D.	
Bromochloromethane	74-97-5	50	N.D.	
1,1-Dichloropropene	563-58-6	50	N.D.	
Dibromomethane	74-95-3	50	N.D.	
1,2-Dibromoethane	106-93-4	50	N.D.	

ORANGE COAST ANALYTICAL, INC.
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE6-SP3
Laboratory Sample #: 97070531

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
1,3-Dichloropropane	142-28-9	50	N.D.	
Isopropylbenzene	98-82-8	50	230	<---
1.1.2.2-Tetrachloroethane	79-34-5	50	N.D.	
1,2,3-Trichloropropane	96-18-4	50	N.D.	
Bromobenzene	108-86-1	50	N.D.	
n-Propylbenzene	103-65-1	50	370	<---
2-Chlorotoluene	95-49-8	50	N.D.	
1,3,5-Trimethylbenzene	108-67-8	50	470	<---
4-Chlorotoluene	106-43-4	50	N.D.	
tert-Butylbenzene	98-06-6	50	N.D.	
1,2,4-Trimethylbenzene	95-63-6	50	2,500	<---
sec-Butylbenzene	135-98-8	50	350	<---
4-Isopropyltoluene	99-87-6	50	470	<---
1,3-Dichlorobenzene	541-73-1	50	N.D.	
1,4-Dichlorobenzene	106-46-7	50	N.D.	
n-Butylbenzene	104-51-8	50	460	<---
1,2-Dichlorobenzene	95-50-1	50	N.D.	
1-2-Dibromo-3-CPA	96-12-8	100	N.D.	
1,2,4-Trichlorobenzene	120-82-1	50	N.D.	
Hexachlorobutadiene	87-68-3	50	N.D.	
Naphthalene	91-20-3	50	2,600	<---
1,2,3-Trichlorobenzene	87-61-6	50	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	90
Toluene-d8	96
4-Bromofluorobenzene	94

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/31/97
Reported: 08/05/97

Sample Description: Soil, OA1-RE6-SP3
Laboratory Sample Number: 97070531
Laboratory Reference #: MWI 9403

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Acenaphthene	83-32-9	400	N.D.	
Acenaphthylene	208-96-8	400	N.D.	
Aniline	62-53-3	400	N.D.	
Anthracene	120-12-7	400	800	<---
Benzoic Acid	65-85-0	2000	N.D.	
Benzo (a) anthracene	56-55-3	400	N.D.	
Benzo (b) fluoranthene	205-99-2	1000	N.D.	
Benzo (k) fluoranthene	207-08-9	1000	N.D.	
Benzo (g,h,i)perylene	191-24-2	1000	N.D.	
Benzo (a) pyrene	50-32-8	1000	N.D.	
Benzyl alcohol	100-51-6	400	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	400	N.D.	
Bis(2-chloroethyl)ether	111-44-4	400	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	400	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	400	N.D.	
4-Bromophenyl phenyl ether	101-55-3	400	N.D.	
Butyl benzyl phthalate	85-68-7	400	N.D.	
4-Chloroaniline	106-47-8	400	N.D.	
2-Chloronaphthalene	91-58-7	400	N.D.	
4-Chloro-3-methylphenol	59-50-7	400	N.D.	
2-Chlorophenol	95-57-8	400	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	400	N.D.	
Chrysene	218-0109	400	N.D.	
Dibenz(a,h)anthracene	53-70-3	400	N.D.	
Dibenzofuran	132-64-9	400	N.D.	
Di-N-butyl phthalate	84-74-2	1000	N.D.	
1,3-Dichlorobenzene	541-73-1	400	N.D.	
1,4-Dichlorobenzene	106-46-7	400	N.D.	
1,2-Dichlorobenzene	95-50-1	400	N.D.	
3,3-Dichlorobenzidine	91-94-1	400	N.D.	
2,4-Dichlorophenol	120-83-2	400	N.D.	
Diethyl phthalate	84-66-2	400	N.D.	
2,4-Dimethylphenol	105-67-9	400	N.D.	
Dimethyl phthalate	131-11-3	400	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	400	N.D.	
2,4-Dinitrophenol	51-28-5	400	N.D.	
2,4-Dinitrotoluene	121-14-2	1000	N.D.	
2,6-Dinitrotoluene	606-20-2	1000	N.D.	
Di-N-octyl phthalate	117-84-0	1000	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE6-SP3
Laboratory Sample #: 97070531

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	400	570	<---
Fluorene	86-73-7	400	2,100	<---
Hexachlorobenzene	118-74-1	400	N.D.	
Hexachlorobutadiene	87-68-3	400	N.D.	
Hexachlorocyclopentadiene	77-47-4	400	N.D.	
Hexachloroethane	67-72-1	400	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	1000	N.D.	
Isophorone	78-59-1	400	N.D.	
2-Methylnaphthalene	91-57-6	400	10,000	<---
2-Methylphenol	95-48-7	400	N.D.	
4-Methylphenol	106-44-5	400	N.D.	
Naphthalene	91-20-3	400	3,700	<---
2-Nitroaniline	88-74-4	1000	N.D.	
3-Nitroaniline	99-09-2	1000	N.D.	
4-Nitroaniline	100-01-6	1000	N.D.	
Nitrobenzene	98-95-3	400	N.D.	
2-Nitrophenol	88-75-5	400	N.D.	
4-Nitrophenol	100-02-7	400	N.D.	
N-Nitrosodiphenylamine	86-30-6	400	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	400	N.D.	
N-Nitrosodimethylamine	62-75-9	400	N.D.	
Pentachlorophenol	87-86-5	1000	N.D.	
Phenanthrene	85-01-8	400	5,300	<---
Phenol	108-95-2	400	N.D.	
Pyrene	129-00-0	400	620	<---
1,2,4-Trichlorobenzene	120-82-1	400	N.D.	
2,4,5-Trichlorophenol	95-95-4	400	N.D.	
2,4,6-Trichlorophenol	88-06-2	400	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9403

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/30/97
Reported: 08/05/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070532	Equip Blank	N.D.
97070533	Rinsate Blank	N.D.
Detection Limit:		0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/31/97
Reported: 08/05/97

Laboratory Sample Number: 97070532
Laboratory Reference #: MWI 9403

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/31/97
Reported: 08/05/97

Laboratory Sample Number: 97070533
Laboratory Reference #: MWI 9403

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070532
Laboratory Reference #: MWI 9403

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/30/97
Reported: 08/05/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070532

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	95
4-Bromofluorobenzene	92

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070533
Laboratory Reference #: MWI 9403

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/30/97
Reported: 08/05/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070533

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	92
Toluene-d8	96
4-Bromofluorobenzene	91

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070534
Laboratory Reference #: MWI 9403

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 07/30/97
Reported: 08/05/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070534

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	89
Toluene-d8	95
4-Bromofluorobenzene	90

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070532
Laboratory Reference #: MWI 9403

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 08/01/97
Reported: 08/05/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070532

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070533
Laboratory Reference #: MWI 9403

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 08/01/97
Reported: 08/05/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070533

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 08/04/97
Reported: 08/05/97

Laboratory Sample Number: 97070532
Laboratory Reference #: MWI 9403

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 08/04/97
Reported: 08/05/97

Laboratory Sample Number: 97070533
Laboratory Reference #: MWI 9403

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 08/01/97
Reported: 08/05/97

Laboratory Sample Number: 97070532
Laboratory Reference #: MWI 9403

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/29/97
Received: 07/29/97
Analyzed: 08/01/97
Reported: 08/05/97

Laboratory Sample Number: 97070533
Laboratory Reference #: MWI 9403

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 07/31/97
Laboratory Sample No : 97070528
Laboratory Reference No : MWI 9403

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	44	42	88	84	5
n-Nitroso-di-n-propylamine	0.0	50	41	43	82	86	5
1,2,4-Trichlorobenzene	0.0	50	45	44	90	88	2
Acenaphthene	0.0	50	46	44	92	88	4
Pyrene	0.0	50	47	44	94	88	7
Pentachlorophenol	0.0	100	83	79	83	79	5
4-Chloro-3-Methylphenol	0.0	100	75	71	75	71	5
2-Chlorophenol	0.0	100	81	76	81	76	6
Phenol	0.0	100	68	65	68	65	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/30/97
Laboratory Sample No : 97070500
Laboratory Reference No : MWI 9403

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	94	94	94	94	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/30/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9403

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	1.9	1.8	76	72	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/31/97
Laboratory Sample No : 97070510
Laboratory Reference No : MWI 9403

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	30.0	30.0	100	100	0
Arsenic	0.0	10.0	8.6	8.2	86	82	5
Barium	1.4	10.0	11.6	10.9	102	95	6
Beryllium	0.00	1.00	0.98	0.96	98	96	2
Cadmium	0.00	1.00	0.95	0.91	95	91	4
Chromium (Total)	0.65	5.00	5.44	5.38	96	95	1
Chromium (VI)	0.00	1.00	0.86	0.81	86	81	6
Cobalt	0.00	1.00	1.04	0.99	104	99	5
Copper	0.00	1.00	1.03	1.05	103	105	2
Lead	0.00	10.0	9.5	9.2	95	92	3
Mercury	0.000	0.020	0.019	0.018	95	90	5
Molybdenum	0.0	10.0	10.7	10.0	107	100	7
Nickel	0.23	5.00	5.1	4.9	97	93	4
Selenium	0.0	10.0	9.4	9.2	94	92	2
Silver	0.0	5.0	4.6	5.4	92	108	16
Thallium	0.0	30.0	26.0	25.0	87	83	4
Vanadium	1.0	5.0	5.9	5.7	98	94	3
Zinc	1.0	5.0	5.4	5.5	89	91	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/31/97
Laboratory Sample No : 97070533
Laboratory Reference No : MWI 9403

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.30	2.40	77	80	4
Arsenic	0.00	1.00	0.90	1.00	90	100	11
Barium	0.000	0.100	0.088	0.089	88	89	1
Beryllium	0.00	0.100	0.096	0.094	96	94	2
Cadmium	0.00	0.100	0.102	0.097	102	97	5
Chromium (VI)	0.00	0.50	0.49	0.51	98	102	4
Chromium (Total)	0.00	0.100	0.099	0.089	99	89	11
Cobalt	0.00	0.100	0.080	0.088	80	88	10
Copper	0.000	0.100	0.081	0.080	81	80	1
Lead	0.00	1.00	0.95	0.96	95	96	1
Mercury	0.000	0.020	0.021	0.020	105	100	5
Molybdenum	0.00	1.00	0.82	0.85	82	85	4
Nickel	0.00	0.50	0.46	0.47	92	94	2
Selenium	0.00	1.00	0.82	0.80	82	80	2
Silver	0.00	0.50	0.43	0.42	86	84	2
Thallium	0.00	3.00	2.90	2.50	97	83	15
Vanadium	0.00	0.50	0.47	0.47	94	94	0
Zinc	0.000	0.100	0.100	0.096	100	96	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/30/97
Laboratory Sample No : 97070505
Laboratory Reference No : MWI 9403

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	19	100	95	5
1,1-Dichloroethene	0.0	20	18	17	90	85	6
Trichloroethene	0.0	20	18	17	90	85	6
Toluene	0.0	20	20	19	100	95	5
Chlorobenzene	0.0	20	20	18	100	90	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/01/97
Laboratory Sample No : 97070412
Laboratory Reference No : MWI 9403

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	53	53	106	106	0
1,1-Dichloroethene	0.0	50	54	54	108	108	0
Trichloroethene	0.00	50	51	52	102	104	2
Toluene	0.0	50	52	52	104	104	0
Chlorobenzene	0.0	50	49	47	98	94	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 08/01/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9403

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	8.4	11	42	55	27

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/31/97
Laboratory Sample No : 97070461
Laboratory Reference No : MWI 9403

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	97	85	39	34	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 08/04/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9403

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.38	0.42	38	42	10

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/01/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9403

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	35	30	70	60	15
n-Nitroso-di-n-propylamine	0.0	50	39	34	78	68	14
1,2,4-Trichlorobenzene	0.0	50	36	31	72	62	15
Acenaphthene	0.0	50	43	39	86	78	10
Pyrene	0.0	50	46	42	92	84	9
Pentachlorophenol	0.0	100	80	68	80	68	16
4-Chloro-3-Methylphenol	0.0	100	60	51	60	51	16
2-Chlorophenol	0.0	100	76	66	76	66	14
Phenol	0.0	100	24	23	24	23	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 7/30/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please analyze the following sample for PCBs (8080) on standard turn-around time:

OA1-GS-40-6'
OA1-GS-59-5'
OA1-RE6-SP2

Also please analyze the following samples for VOCs (8260) and SVOCs (8270) on standard turn-around time:

OA1-GS-10-4'
OA1-GS-44-10'
OA1-GS-46-10'
OA1-GS-48-12'
OA1-GS-55-3'
OA1-GS-56-3'
OA1-GS-58-10'
OA1-GS-59-5'
OA1-GS-60-6'
OA1-GS-62-6'
OA1-GS-64-7'
OA1-GS-67-5'
OA1-GS-69-8'

Please call me at (818) 568-6334 to confirm your receipt of this fax.
Thanks!

If you do not receive all pages, or if there are any problems with this transmission, please call Brenda Whitney at 818-568-6514.

TOTAL P.01

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Montgomery Watson	PROJECT NAME: Mc Donnell Douglas
SEND REPORT TO: Fred Strauss	NUMBER: 1206035. 01090010
ADDRESS: 250 N Madison Ave	LOCATION: C-6 Facility.
Pasadena, CA 91101	ADDRESS: 19503 S Normandie Ave
	Los Angeles, CA
PHONE: (818) 568-6588 FAX: (818) 796-5941	SAMPLED BY: CW/AN/IV.

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-RE6-SP2	2	7/29/97	0830	Soil	2"x6" Ls Sleeve	Ice	X	X	X	X					
OA1-RE7-SP1	2		1620				X	X	X	X					
OA1-RE6-SP3	2		1625				X	X	X	X					
Equipment Blank	7		1515.	Water	1 amber poly 2 VOAs	None Metals HCL	X	X	X	X	X	X			
Rinsate Blank	7		1545.				X	X	X	X	X	X			
trip Blank.	2		—		2 VOAs	HCL			X						

Total No. of Samples: 6

Method of Shipment: 1 Cooler via Orange Coast Courier.

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/29/97 1645.		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [illegible signature]	Date/Time: 7/29/97 16:45

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
Intact _____ on Ice _____

All samples remain the property of the client who is responsible f posal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026346

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/05/97
Reported: 08/05/97

Sample Description: Soil,

Laboratory Reference #: MWI 9424

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97080057	OA1-RE8-SP5	400
Detection Limit:		8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE8-SP5

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/07/97
Reported: 08/15/97

Laboratory Sample Number: 97080057
Laboratory Reference #: MWI 9424

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	100	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	24	<---
Cobalt	6010	80	8000	0.5	7.2	<---
Copper	6010	25	2500	0.1	9.0	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	9.9	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	26	<---
Zinc	6010	250	5000	0.1	46	<---

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE8-SP5
Laboratory Sample Number: 97080057
Laboratory Reference #: MWI 9424

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/12/97
Reported: 08/15/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	N.D.
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethene	156-59-2	50	N.D.
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

ORANGE COAST ANALYTICAL, INC.
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE8-SP5
Laboratory Sample #: 97080057

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	50	N.D.	
Isopropylbenzene	98-82-8	50	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	50	N.D.	
1,2,3-Trichloropropane	96-18-4	50	N.D.	
Bromobenzene	108-86-1	50	N.D.	
n-Propylbenzene	103-65-1	50	N.D.	
2-Chlorotoluene	95-49-8	50	N.D.	
1,3,5-Trimethylbenzene	108-67-8	50	N.D.	
4-Chlorotoluene	106-43-4	50	N.D.	
tert-Butylbenzene	98-06-6	50	N.D.	
1,2,4-Trimethylbenzene	95-63-6	50	N.D.	
sec-Butylbenzene	135-98-8	50	N.D.	
4-Isopropyltoluene	99-87-6	50	69	<---
1,3-Dichlorobenzene	541-73-1	50	N.D.	
1,4-Dichlorobenzene	106-46-7	50	N.D.	
n-Butylbenzene	104-51-8	50	N.D.	
1,2-Dichlorobenzene	95-50-1	50	N.D.	
1-2-Dibromo-3-CPA	96-12-8	100	N.D.	
1,2,4-Trichlorobenzene	120-82-1	50	N.D.	
Hexachlorobutadiene	87-68-3	50	N.D.	
Naphthalene	91-20-3	250	500	<---
1,2,3-Trichlorobenzene	87-61-6	50	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	97
Toluene-d8	103
4-Bromofluorobenzene	108

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/12/97
Reported: 08/15/97

Sample Description: Soil, OA1-RE8-SP5
Laboratory Sample Number: 97080057
Laboratory Reference #: MWI 9424

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Acenaphthene	83-32-9	200	240	<---
Acenaphthylene	208-96-8	200	N.D.	
Aniline	62-53-3	200	N.D.	
Anthracene	120-12-7	200	270	<---
Benzoic Acid	65-85-0	1000	N.D.	
Benzo (a) anthracene	56-55-3	200	670	<---
Benzo (b) fluoranthene	205-99-2	500	N.D.	
Benzo (k) fluoranthene	207-08-9	500	N.D.	
Benzo (g,h,i)perylene	191-24-2	500	N.D.	
Benzo (a) pyrene	50-32-8	500	730	<---
Benzyl alcohol	100-51-6	200	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	200	N.D.	
Bis(2-chloroethyl)ether	111-44-4	200	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	200	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	200	N.D.	
4-Bromophenyl phenyl ether	101-55-3	200	N.D.	
Butyl benzyl phthalate	85-68-7	200	N.D.	
4-Chloroaniline	106-47-8	200	N.D.	
2-Chloronaphthalene	91-58-7	200	N.D.	
4-Chloro-3-methylphenol	59-50-7	200	N.D.	
2-Chlorophenol	95-57-8	200	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	200	N.D.	
Chrysene	218-0109	200	1,100	<---
Dibenz(a,h)anthracene	53-70-3	200	N.D.	
Dibenzofuran	132-64-9	200	N.D.	
Di-N-butyl phthalate	84-74-2	500	N.D.	
1,3-Dichlorobenzene	541-73-1	200	N.D.	
1,4-Dichlorobenzene	106-46-7	200	N.D.	
1,2-Dichlorobenzene	95-50-1	200	N.D.	
3,3-Dichlorobenzidine	91-94-1	200	N.D.	
2,4-Dichlorophenol	120-83-2	200	N.D.	
Diethyl phthalate	84-66-2	200	N.D.	
2,4-Dimethylphenol	105-67-9	200	N.D.	
Dimethyl phthalate	131-11-3	200	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	200	N.D.	
2,4-Dinitrophenol	51-28-5	200	N.D.	
2,4-Dinitrotoluene	121-14-2	500	N.D.	
2,6-Dinitrotoluene	606-20-2	500	N.D.	
Di-N-octyl phthalate	117-84-0	500	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE8-SP5
Laboratory Sample #: 97080057

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
Fluoranthene	206-44-0	200	670	<---
Fluorene	86-73-7	200	600	<---
Hexachlorobenzene	118-74-1	200	N.D.	
Hexachlorobutadiene	87-68-3	200	N.D.	
Hexachlorocyclopentadiene	77-47-4	200	N.D.	
Hexachloroethane	67-72-1	200	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	500	N.D.	
Isophorone	78-59-1	200	N.D.	
2-Methylnaphthalene	91-57-6	200	8,000	<---
2-Methylphenol	95-48-7	200	N.D.	
4-Methylphenol	106-44-5	200	N.D.	
Naphthalene	91-20-3	200	1,900	<---
2-Nitroaniline	88-74-4	500	N.D.	
3-Nitroaniline	99-09-2	500	N.D.	
4-Nitroaniline	100-01-6	500	N.D.	
Nitrobenzene	98-95-3	200	N.D.	
2-Nitrophenol	88-75-5	200	N.D.	
4-Nitrophenol	100-02-7	200	N.D.	
N-Nitrosodiphenylamine	86-30-6	200	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	200	N.D.	
N-Nitrosodimethylamine	62-75-9	200	N.D.	
Pentachlorophenol	87-86-5	500	N.D.	
Phenanthrene	85-01-8	200	2,700	<---
Phenol	108-95-2	200	N.D.	
Pyrene	129-00-0	200	2,200	<---
1,2,4-Trichlorobenzene	120-82-1	200	N.D.	
2,4,5-Trichlorophenol	95-95-4	200	N.D.	
2,4,6-Trichlorophenol	88-06-2	200	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9424

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/05/97
Reported: 08/15/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97080058	Equip Blank	N.D.
97080059	Rinsate Blank	N.D.
Detection Limit:		0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/07/97
Reported: 08/15/97

Laboratory Sample Number: 97080058
Laboratory Reference #: MWI 9424

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/07/97
Reported: 08/15/97

Laboratory Sample Number: 97080059
Laboratory Reference #: MWI 9424

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97080058

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	101
Toluene-d8	105
4-Bromofluorobenzene	98

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/13/97
Reported: 08/15/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97080059
Laboratory Reference #: MWI 9424

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97080059

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	101
Toluene-d8	105
4-Bromofluorobenzene	99

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97080060
Laboratory Reference #: MWI 9424

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/14/97
Reported: 08/15/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97080060

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	99
Toluene-d8	105
4-Bromofluorobenzene	98

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/07/97
Reported: 08/15/97

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97080058
Laboratory Reference #: MWI 9424

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97080058

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97080059
Laboratory Reference #: MWI 9424

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/07/97
Reported: 08/15/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97080059

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/06/97
Reported: 08/15/97

Laboratory Sample Number: 97080058
Laboratory Reference #: MWI 9424

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/06/97
Reported: 08/15/97

Laboratory Sample Number: 97080059
Laboratory Reference #: MWI 9424

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/04/97
Reported: 08/15/97

Laboratory Sample Number: 97080058
Laboratory Reference #: MWI 9424

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/04/97
Received: 08/04/97
Analyzed: 08/04/97
Reported: 08/15/97

Laboratory Sample Number: 97080059
Laboratory Reference #: MWI 9424

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 08/05/97
Laboratory Sample No : 97070542
Laboratory Reference No : MWI 9424

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	101	94	101	94	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 08/05/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9424

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.5	2.3	100	92	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS + MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 08/07/97
Laboratory Sample No : 97080057
Laboratory Reference No : MWI 9424

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	29.0	29.0	97	97	0
Arsenic	0.0	10.0	11.1	12.0	111	120	8
Barium	10.0	10.0	19.0	20.0	90	100	5
Beryllium	0.00	1.00	0.99	0.93	99	93	6
Cadmium	0.00	1.00	0.88	0.92	88	92	4
Chromium (Total)	2.40	1.00	3.20	3.20	80	80	0
Chromium (VI)	0.00	1.00	0.86	0.90	86	90	5
Cobalt	0.72	1.00	1.60	1.56	88	84	3
Copper	0.90	1.00	1.70	1.70	80	80	0
Lead	0.00	10.0	8.2	8.1	82	81	1
Mercury	0.000	0.020	0.019	0.018	95	90	5
Molybdenum	0.0	10.0	9.2	9.5	92	95	3
Nickel	0.99	5.00	5.1	5.2	82	84	2
Selenium	0.0	10.0	9.1	9.0	91	90	1
Silver	0.0	5.0	4.0	4.5	80	90	12
Thallium	0.0	30.0	24.0	26.0	80	87	8
Vanadium	2.6	5.0	7.0	6.9	88	86	1
Zinc	4.6	5.0	9.1	9.2	90	92	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 08/07/97
Laboratory Sample No : 97080058
Laboratory Reference No : MWI 9424

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.50	2.40	83	80	4
Arsenic	0.00	1.00	1.13	1.06	113	106	6
Barium	0.000	0.100	0.095	0.089	95	89	7
Beryllium	0.00	0.100	0.104	0.097	104	97	7
Cadmium	0.00	0.100	0.094	0.092	94	92	2
Chromium (VI)	0.00	0.50	0.49	0.50	98	100	2
Chromium (Total)	0.00	0.500	0.500	0.470	100	94	6
Cobalt	0.00	0.100	0.105	0.092	105	92	13
Copper	0.000	0.100	0.084	0.080	84	80	5
Lead	0.00	1.00	0.86	0.89	86	89	3
Mercury	0.000	0.020	0.022	0.021	110	105	5
Molybdenum	0.00	1.00	0.84	0.88	84	88	5
Nickel	0.00	0.50	0.48	0.41	96	82	16
Selenium	0.00	1.00	0.94	0.96	94	96	2
Silver	0.00	0.50	0.46	0.43	92	86	7
Thallium	0.00	3.00	3.10	2.90	103	97	7
Vanadium	0.00	0.50	0.43	0.43	86	86	0
Zinc	0.000	0.100	0.105	0.099	105	99	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/12/97
Laboratory Sample No : 97070549
Laboratory Reference No : MWI 9424

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	48	49	96	98	2
1,1-Dichloroethene	0.0	50	50	51	100	102	2
Trichloroethene	0.0	50	45	46	90	92	2
Toluene	0.0	50	50	51	100	102	2
Chlorobenzene	0.0	50	48	49	96	98	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/13/97
Laboratory Sample No : 97080185
Laboratory Reference No : MWI 9424

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	18	90	90	0
1,1-Dichloroethene	0.0	20	18	19	90	95	5
Trichloroethene	0.0	20	16	17	80	85	6
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	17	18	85	90	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 08/06/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9424

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	14	13	70	65	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 08/04/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9424

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.38	0.42	38	42	10

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS + MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/07/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9424

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	29	29	58	58	0
n-Nitroso-di-n-propylamine	0.0	50	47	50	94	100	6
1,2,4-Trichlorobenzene	0.0	50	36	34	72	68	6
Acenaphthene	0.0	50	44	44	88	88	0
Pyrene	0.0	50	45	45	90	90	0
Pentachlorophenol	0.0	100	76	80	76	80	5
4-Chloro-3-Methylphenol	0.0	100	72	76	72	76	5
2-Chlorophenol	0.0	100	72	76	72	76	5
Phenol	0.0	100	27	30	27	30	11

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/12/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9424

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	42	84	84	0
n-Nitroso-di-n-propylamine	0.0	50	50	51	100	102	2
1,2,4-Trichlorobenzene	0.0	50	45	46	90	92	2
Acenaphthene	0.0	50	43	43	86	86	0
Pyrene	0.0	50	43	43	86	86	0
Pentachlorophenol	0.0	100	80	80	80	80	0
4-Chloro-3-Methylphenol	0.0	100	71	69	71	69	3
2-Chlorophenol	0.0	100	75	75	75	75	0
Phenol	0.0	100	66	64	66	64	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Tustin, CA 92680
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Analysis Request and Chain-of-Custody Record

Lab Job No: _____
Page 1 / 1

24hr TAT on soil TRPH only
REQUIRED TAT: Standard TAT otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	McDonnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1208035.01090010
ADDRESS:	250 N Madison	LOCATION:	C-6 Facility.
	Pasadena, CA 91101	ADDRESS:	19503 S Normandie
			Los Angeles CA
PHONE:	(818) 568 6582 FAX: (818) 796-5941	SAMPLED BY:	AN, IV

ANALYSIS/METHOD REQUEST: TRPH 418.1; Title 22 Metals; VOCs 8260; SVOCs 8270; PCBs 8080; Pesticides 8080

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-RE8-SP5	2	8/4/97	1605	Soil	2"x6" SS Sleeve	Ice	X	X	X	X					
Equipment Blank	7	↓	1615	Water	4 amber 1 poly 2 VOAs	none HNO3 HCL	X	X	X	X	X	X			
Rinsate Blank	7	↓	1630	↓	↓	↓	X	X	X	X	X	X			
Trip Blank	2	8/4/97	—	↓	2 VOAs	HCL			X						

Total No. of Samples: 4

Method of Shipment: 1 Cooler Via Orange Coast Lab. Courier.

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	8/4/97 1655		
		Received For Lab By: [signature]	8/4/97 16:55

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026379

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sampled: 08/05/97
Sample Description: Soil,
Received: 08/05/97
Analyzed: 08/06/97
Laboratory Reference #: MWI 9428
Reported: 08/06/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97080077	OA1-RE9-SP1	290
97080078	OA1-RE9-SP2	1,100

Detection Limit:	8.0

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE9-SP1

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/07/97
Reported: 08/15/97

Laboratory Sample Number: 97080077
Laboratory Reference #: MWI 9428

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	93	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	23	<---
Cobalt	6010	80	8000	0.5	6.9	<---
Copper	6010	25	2500	0.1	8.5	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	9.8	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	24	<---
Zinc	6010	250	5000	0.1	42	<---

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE9-SP2

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/07/97
Reported: 08/15/97

Laboratory Sample Number: 97080078
Laboratory Reference #: MWI 9428

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	N.D.	
Barium	6010	100	10000	0.1	110	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	22	<---
Cobalt	6010	80	8000	0.5	9.0	<---
Copper	6010	25	2500	0.1	12	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	12	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	27	<---
Zinc	6010	250	5000	0.1	40	<---

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE9-SP1
Laboratory Sample Number: 97080077
Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/12/97
Reported: 08/15/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Benzene	71-43-2	50	N.D.	
Bromodichloromethane	75-27-4	50	N.D.	
Bromoform	75-25-2	50	N.D.	
Bromomethane	74-83-9	50	N.D.	
Carbon Disulfide	75-15-0	100	N.D.	
Carbon tetrachloride	56-23-5	50	N.D.	
Chlorobenzene	108-90-7	50	N.D.	
Chlorodibromomethane	124-48-1	50	N.D.	
Chloroethane	75-00-3	50	N.D.	
2-Chloroethyl vinyl ether	110-75-8	100	N.D.	
Chloroform	67-66-3	50	N.D.	
Chloromethane	74-87-3	50	N.D.	
1,1-Dichloroethane	75-34-3	50	N.D.	
1,2-Dichloroethane	107-06-2	50	N.D.	
1,1-Dichloroethene	75-35-4	50	N.D.	
Trans 1,2-Dichloroethene	156-60-5	50	N.D.	
1,2-Dichloropropane	78-87-5	50	N.D.	
cis-1,3-Dichloropropene	10061-01-5	50	N.D.	
trans-1,3-Dichloropropene	10061-02-6	50	N.D.	
Ethylbenzene	100-41-4	50	N.D.	
Methylene chloride	75-09-2	100	N.D.	
Styrene	100-42-5	50	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.	
Tetrachloroethene	127-18-4	50	N.D.	
Toluene	108-88-3	50	N.D.	
1,1,1-Trichloroethane	71-55-6	50	N.D.	
1,1,2-Trichloroethane	79-00-5	50	N.D.	
Trichloroethene	79-01-6	50	N.D.	
Trichlorofluoromethane	75-69-4	100	N.D.	
Vinyl acetate	108-05-4	100	N.D.	
Vinyl chloride	75-01-4	50	N.D.	
Total Xylenes	1330-20-7	50	150	<---
Dichlorodifluoromethane	75-71-8	50	N.D.	
cis-1-2,-Dichloroethene	156-59-2	50	N.D.	
2,2-Dichloropropane	594-20-7	50	N.D.	
Bromochloromethane	74-97-5	50	N.D.	
1,1-Dichloropropene	563-58-6	50	N.D.	
Dibromomethane	74-95-3	50	N.D.	
1,2-Dibromoethane	106-93-4	50	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE9-SP1
Laboratory Sample #: 97080077

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	50	N.D.	
Isopropylbenzene	98-82-8	50	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	50	N.D.	
1,2,3-Trichloropropane	96-18-4	50	N.D.	
Bromobenzene	108-86-1	50	N.D.	
n-Propylbenzene	103-65-1	50	N.D.	
2-Chlorotoluene	95-49-8	50	N.D.	
1,3,5-Trimethylbenzene	108-67-8	50	330	<---
4-Chlorotoluene	106-43-4	50	N.D.	
tert-Butylbenzene	98-06-6	50	N.D.	
1,2,4-Trimethylbenzene	95-63-6	50	970	<---
sec-Butylbenzene	135-98-8	50	N.D.	
4-Isopropyltoluene	99-87-6	50	N.D.	
1,3-Dichlorobenzene	541-73-1	50	N.D.	
1,4-Dichlorobenzene	106-46-7	50	N.D.	
n-Butylbenzene	104-51-8	50	64	<---
1,2-Dichlorobenzene	95-50-1	50	N.D.	
1-2-Dibromo-3-CPA	96-12-8	100	N.D.	
1,2,4-Trichlorobenzene	120-82-1	50	N.D.	
Hexachlorobutadiene	87-68-3	50	N.D.	
Naphthalene	91-20-3	250	2,700	<---
1,2,3-Trichlorobenzene	87-61-6	50	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	98
Toluene-d8	103
4-Bromofluorobenzene	98

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE9-SP2
Laboratory Sample Number: 97080078
Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/13/97
Reported: 08/15/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***	
Benzene	71-43-2	100	N.D.	
Bromodichloromethane	75-27-4	100	N.D.	
Bromoform	75-25-2	100	N.D.	
Bromomethane	74-83-9	100	N.D.	
Carbon Disulfide	75-15-0	200	N.D.	
Carbon tetrachloride	56-23-5	100	N.D.	
Chlorobenzene	108-90-7	100	N.D.	
Chlorodibromomethane	124-48-1	100	N.D.	
Chloroethane	75-00-3	100	N.D.	
2-Chloroethyl vinyl ether	110-75-8	100	N.D.	
Chloroform	67-66-3	100	N.D.	
Chloromethane	74-87-3	100	N.D.	
1,1-Dichloroethane	75-34-3	100	N.D.	
1,2-Dichloroethane	107-06-2	100	N.D.	
1,1-Dichloroethene	75-35-4	100	N.D.	
Trans 1,2-Dichloroethene	156-60-5	100	N.D.	
1,2-Dichloropropane	78-87-5	100	N.D.	
cis-1,3-Dichloropropene	10061-01-5	100	N.D.	
trans-1,3-Dichloropropene	10061-02-6	100	N.D.	
Ethylbenzene	100-41-4	100	210	<---
Methylene chloride	75-09-2	200	N.D.	
Styrene	100-42-5	100	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.	
Tetrachloroethene	127-18-4	100	N.D.	
Toluene	108-88-3	100	N.D.	
1,1,1-Trichloroethane	71-55-6	100	N.D.	
1,1,2-Trichloroethane	79-00-5	100	N.D.	
Trichloroethene	79-01-6	100	N.D.	
Trichlorofluoromethane	75-69-4	200	N.D.	
Vinyl acetate	108-05-4	200	N.D.	
Vinyl chloride	75-01-4	100	N.D.	
Total Xylenes	1330-20-7	100	430	<---
Dichlorodifluoromethane	75-71-8	100	N.D.	
cis-1-2,-Dichloroethene	156-59-2	100	N.D.	
2,2-Dichloropropane	594-20-7	100	N.D.	
Bromochloromethane	74-97-5	100	N.D.	
1,1-Dichloropropene	563-58-6	100	N.D.	
Dibromomethane	74-95-3	100	N.D.	
1,2-Dibromoethane	106-93-4	100	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, OA1-RE9-SP2
Laboratory Sample #: 97080078

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	100	N.D.	
Isopropylbenzene	98-82-8	100	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	100	N.D.	
1,2,3-Trichloropropane	96-18-4	100	N.D.	
Bromobenzene	108-86-1	100	N.D.	
n-Propylbenzene	103-65-1	100	220	<---
2-Chlorotoluene	95-49-8	100	N.D.	
1,3,5-Trimethylbenzene	108-67-8	100	1,300	<---
4-Chlorotoluene	106-43-4	100	N.D.	
tert-Butylbenzene	98-06-6	100	N.D.	
1,2,4-Trimethylbenzene	95-63-6	100	4,200	<---
sec-Butylbenzene	135-98-8	100	N.D.	
4-Isopropyltoluene	99-87-6	100	N.D.	
1,3-Dichlorobenzene	541-73-1	100	N.D.	
1,4-Dichlorobenzene	106-46-7	100	N.D.	
n-Butylbenzene	104-51-8	100	390	<---
1,2-Dichlorobenzene	95-50-1	100	N.D.	
1-2-Dibromo-3-CPA	96-12-8	200	N.D.	
1,2,4-Trichlorobenzene	120-82-1	100	N.D.	
Hexachlorobutadiene	87-68-3	100	N.D.	
Naphthalene	91-20-3	100	16,000	<---
1,2,3-Trichlorobenzene	87-61-6	100	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	95
Toluene-d8	104
4-Bromofluorobenzene	96

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE9-SP1
Laboratory Sample Number: 97080077
Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/12/97
Reported: 08/15/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Acenaphthene	83-32-9	400	600	<---
Acenaphthylene	208-96-8	400	N.D.	
Aniline	62-53-3	400	N.D.	
Anthracene	120-12-7	400	1,100	<---
Benzoic Acid	65-85-0	2000	N.D.	
Benzo (a) anthracene	56-55-3	400	4,500	<---
Benzo (b) fluoranthene	205-99-2	1000	5,100	<---
Benzo (k) fluoranthene	207-08-9	1000	3,100	<---
Benzo (g,h,i)perylene	191-24-2	1000	3,800	<---
Benzo (a) pyrene	50-32-8	1000	6,000	<---
Benzyl alcohol	100-51-6	400	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	400	N.D.	
Bis(2-chloroethyl)ether	111-44-4	400	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	400	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	400	N.D.	
4-Bromophenyl phenyl ether	101-55-3	400	N.D.	
Butyl benzyl phthalate	85-68-7	400	N.D.	
4-Chloroaniline	106-47-8	400	N.D.	
2-Chloronaphthalene	91-58-7	400	N.D.	
4-Chloro-3-methylphenol	59-50-7	400	N.D.	
2-Chlorophenol	95-57-8	400	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	400	N.D.	
Chrysene	218-0109	400	5,800	<---
Dibenz(a,h)anthracene	53-70-3	400	N.D.	
Dibenzofuran	132-64-9	400	N.D.	
Di-N-butyl phthalate	84-74-2	1000	N.D.	
1,3-Dichlorobenzene	541-73-1	400	N.D.	
1,4-Dichlorobenzene	106-46-7	400	N.D.	
1,2-Dichlorobenzene	95-50-1	400	N.D.	
3,3-Dichlorobenzidine	91-94-1	400	N.D.	
2,4-Dichlorophenol	120-83-2	400	N.D.	
Diethyl phthalate	84-66-2	400	N.D.	
2,4-Dimethylphenol	105-67-9	400	N.D.	
Dimethyl phthalate	131-11-3	400	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	400	N.D.	
2,4-Dinitrophenol	51-28-5	400	N.D.	
2,4-Dinitrotoluene	121-14-2	1000	N.D.	
2,6-Dinitrotoluene	606-20-2	1000	N.D.	
Di-N-octyl phthalate	117-84-0	1000	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE9-SP1
Laboratory Sample #: 97080077

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	400	6,600	<---
Fluorene	86-73-7	400	1,800	<---
Hexachlorobenzene	118-74-1	400	N.D.	
Hexachlorobutadiene	87-68-3	400	N.D.	
Hexachlorocyclopentadiene	77-47-4	400	N.D.	
Hexachloroethane	67-72-1	400	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	1000	3,200	<---
Isophorone	78-59-1	400	N.D.	
2-Methylnaphthalene	91-57-6	400	17,000	<---
2-Methylphenol	95-48-7	400	N.D.	
4-Methylphenol	106-44-5	400	N.D.	
Naphthalene	91-20-3	400	3,900	<---
2-Nitroaniline	88-74-4	1000	N.D.	
3-Nitroaniline	99-09-2	1000	N.D.	
4-Nitroaniline	100-01-6	1000	N.D.	
Nitrobenzene	98-95-3	400	N.D.	
2-Nitrophenol	88-75-5	400	N.D.	
4-Nitrophenol	100-02-7	400	N.D.	
N-Nitrosodiphenylamine	86-30-6	400	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	400	N.D.	
N-Nitrosodimethylamine	62-75-9	400	N.D.	
Pentachlorophenol	87-86-5	1000	N.D.	
Phenanthrene	85-01-8	400	8,900	<---
Phenol	108-95-2	400	N.D.	
Pyrene	129-00-0	400	10,000	<---
1,2,4-Trichlorobenzene	120-82-1	400	N.D.	
2,4,5-Trichlorophenol	95-95-4	400	N.D.	
2,4,6-Trichlorophenol	88-06-2	400	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE9-SP2
Laboratory Sample Number: 97080078
Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/12/97
Reported: 08/15/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Acenaphthene	83-32-9	400	940	<---
Acenaphthylene	208-96-8	400	N.D.	
Aniline	62-53-3	400	N.D.	
Anthracene	120-12-7	400	1,200	<---
Benzoic Acid	65-85-0	2000	N.D.	
Benzo (a) anthracene	56-55-3	400	1,900	<---
Benzo (b) fluoranthene	205-99-2	1000	N.D.	
Benzo (k) fluoranthene	207-08-9	1000	N.D.	
Benzo (g,h,i)perylene	191-24-2	1000	N.D.	
Benzo (a) pyrene	50-32-8	1000	2,200	<---
Benzyl alcohol	100-51-6	400	N.D.	
Bis(2-chloroethoxy)methane	111-91-1	400	N.D.	
Bis(2-chloroethyl)ether	111-44-4	400	N.D.	
Bis(2-chloroisopropyl)ether	39638-32-9	400	N.D.	
Bis(2-ethylhexyl)phthalate	117-81-7	400	N.D.	
4-Bromophenyl phenyl ether	101-55-3	400	N.D.	
Butyl benzyl phthalate	85-68-7	400	N.D.	
4-Chloroaniline	106-47-8	400	N.D.	
2-Chloronaphthalene	91-58-7	400	N.D.	
4-Chloro-3-methylphenol	59-50-7	400	N.D.	
2-Chlorophenol	95-57-8	400	N.D.	
4-Chlorophenyl phenyl ehter	7005-72-3	400	N.D.	
Chrysene	218-0109	400	3,600	<---
Dibenz(a,h)anthracene	53-70-3	400	N.D.	
Dibenzofuran	132-64-9	400	N.D.	
Di-N-butyl phthalate	84-74-2	1000	N.D.	
1,3-Dichlorobenzene	541-73-1	400	N.D.	
1,4-Dichlorobenzene	106-46-7	400	N.D.	
1,2-Dichlorobenzene	95-50-1	400	N.D.	
3,3-Dichlorobenzidine	91-94-1	400	N.D.	
2,4-Dichlorophenol	120-83-2	400	N.D.	
Diethyl phthalate	84-66-2	400	N.D.	
2,4-Dimethylphenol	105-67-9	400	N.D.	
Dimethyl phthalate	131-11-3	400	N.D.	
4,6-Dinitro-2-methylphenol	534-52-1	400	N.D.	
2,4-Dinitrophenol	51-28-5	400	N.D.	
2,4-Dinitrotoluene	121-14-2	1000	N.D.	
2,6-Dinitrotoluene	606-20-2	1000	N.D.	
Di-N-octyl phthalate	117-84-0	1000	N.D.	

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, OA1-RE9-SP2
Laboratory Sample #: 97080078

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)	
Fluoranthene	206-44-0	400	890	<---
Fluorene	86-73-7	400	2,700	<---
Hexachlorobenzene	118-74-1	400	N.D.	
Hexachlorobutadiene	87-68-3	400	N.D.	
Hexachlorocyclopentadiene	77-47-4	400	N.D.	
Hexachloroethane	67-72-1	400	N.D.	
Indeno(1,2,3-cd)pyrene	193-39-5	1000	N.D.	
Isophorone	78-59-1	400	N.D.	
2-Methylnaphthalene	91-57-6	400	38,000	<---
2-Methylphenol	95-48-7	400	N.D.	
4-Methylphenol	106-44-5	400	N.D.	
Naphthalene	91-20-3	400	10,000	<---
2-Nitroaniline	88-74-4	1000	N.D.	
3-Nitroaniline	99-09-2	1000	N.D.	
4-Nitroaniline	100-01-6	1000	N.D.	
Nitrobenzene	98-95-3	400	N.D.	
2-Nitrophenol	88-75-5	400	N.D.	
4-Nitrophenol	100-02-7	400	N.D.	
N-Nitrosodiphenylamine	86-30-6	400	N.D.	
N-Nitroso-di-N-propylamine	621-64-7	400	N.D.	
N-Nitrosodimethylamine	62-75-9	400	N.D.	
Pentachlorophenol	87-86-5	1000	N.D.	
Phenanthrene	85-01-8	400	12,000	<---
Phenol	108-95-2	400	N.D.	
Pyrene	129-00-0	400	8,200	<---
1,2,4-Trichlorobenzene	120-82-1	400	N.D.	
2,4,5-Trichlorophenol	95-95-4	400	N.D.	
2,4,6-Trichlorophenol	88-06-2	400	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/11/97
Reported: 08/15/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97080079	Equip Blank	N.D.
97080080	Rinsate Blank	N.D.
Detection Limit:		0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/07/97
Reported: 08/15/97

Laboratory Sample Number: 97080079
Laboratory Reference #: MWI 9428

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/07/97
Reported: 08/15/97

Laboratory Sample Number: 97080080
Laboratory Reference #: MWI 9428

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

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Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/13/97
Reported: 08/15/97

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97080079
Laboratory Reference #: MWI 9428

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97080079

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	100
Toluene-d8	103
4-Bromofluorobenzene	98

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97080080
Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/13/97
Reported: 08/15/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97080080

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	103
Toluene-d8	105
4-Bromofluorobenzene	98

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97080081
Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/13/97
Reported: 08/15/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97080081

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	100
Toluene-d8	103
4-Bromofluorobenzene	98

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97080079
Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/11/97
Reported: 08/15/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97080079

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

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Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97080080
Laboratory Reference #: MWI 9428

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/11/97
Reported: 08/15/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97080080

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/12/97
Reported: 08/15/97

Laboratory Sample Number: 97080079
Laboratory Reference #: MWI 9428

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/12/97
Reported: 08/15/97

Laboratory Sample Number: 97080080
Laboratory Reference #: MWI 9428

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

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Montgomery Watson
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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/13/97
Reported: 08/15/97

Laboratory Sample Number: 97080079
Laboratory Reference #: MWI 9428

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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Montgomery Watson
ATTN: Mr. Fred Strauss
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/05/97
Received: 08/05/97
Analyzed: 08/13/97
Reported: 08/15/97

Laboratory Sample Number: 97080080
Laboratory Reference #: MWI 9428

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 08/06/97
Laboratory Sample No : 97070501
Laboratory Reference No : MWI 9428

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	103	101	103	101	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 08/11/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9428

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.6	2.6	104	104	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 08/07/97
Laboratory Sample No : 97080057
Laboratory Reference No : MWI 9428

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	29.0	29.0	97	97	0
Arsenic	0.0	10.0	11.1	12.0	111	120	8
Barium	10.0	10.0	19.0	20.0	90	100	5
Beryllium	0.00	1.00	0.99	0.93	99	93	6
Cadmium	0.00	1.00	0.88	0.92	88	92	4
Chromium (Total)	2.40	1.00	3.20	3.20	80	80	0
Chromium (VI)	0.00	1.00	0.86	0.90	86	90	5
Cobalt	0.72	1.00	1.60	1.56	88	84	3
Copper	0.90	1.00	1.70	1.70	80	80	0
Lead	0.00	10.0	8.2	8.1	82	81	1
Mercury	0.000	0.020	0.019	0.018	95	90	5
Molybdenum	0.0	10.0	9.2	9.5	92	95	3
Nickel	0.99	5.00	5.1	5.2	82	84	2
Selenium	0.0	10.0	9.1	9.0	91	90	1
Silver	0.0	5.0	4.0	4.5	80	90	12
Thallium	0.0	30.0	24.0	26.0	80	87	8
Vanadium	2.6	5.0	7.0	6.9	88	86	1
Zinc	4.6	5.0	9.1	9.2	90	92	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 08/07/97
Laboratory Sample No : 97080058
Laboratory Reference No : MWI 9428

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.50	2.40	83	80	4
Arsenic	0.00	1.00	1.13	1.06	113	106	6
Barium	0.000	0.100	0.095	0.089	95	89	7
Beryllium	0.00	0.100	0.104	0.097	104	97	7
Cadmium	0.00	0.100	0.094	0.092	94	92	2
Chromium (VI)	0.00	0.50	0.49	0.50	98	100	2
Chromium (Total)	0.00	0.500	0.500	0.470	100	94	6
Cobalt	0.00	0.100	0.105	0.092	105	92	13
Copper	0.000	0.100	0.084	0.080	84	80	5
Lead	0.00	1.00	0.86	0.89	86	89	3
Mercury	0.000	0.020	0.022	0.021	110	105	5
Molybdenum	0.00	1.00	0.84	0.88	84	88	5
Nickel	0.00	0.50	0.48	0.41	96	82	16
Selenium	0.00	1.00	0.94	0.96	94	96	2
Silver	0.00	0.50	0.46	0.43	92	86	7
Thallium	0.00	3.00	3.10	2.90	103	97	7
Vanadium	0.00	0.50	0.43	0.43	86	86	0
Zinc	0.000	0.100	0.105	0.099	105	99	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/13/97
Laboratory Sample No : 97080185
Laboratory Reference No : MWI 9428

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	18	90	90	0
1,1-Dichloroethene	0.0	20	18	19	90	95	5
Trichloroethene	0.0	20	16	17	80	85	6
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	17	18	85	90	6

)efinition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/12/97
Laboratory Sample No : 97070549
Laboratory Reference No : MWI 9428

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	48	49	96	98	2
1,1-Dichloroethene	0.0	50	50	51	100	102	2
Trichloroethene	0.0	50	45	46	90	92	2
Toluene	0.0	50	50	51	100	102	2
Chlorobenzene	0.0	50	48	49	96	98	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 08/08/97
Laboratory Sample No : 97080107
Laboratory Reference No : MWI 9428

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	170	170	68	68	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 08/12/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9428

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	16	14	80	70	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 08/13/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9428

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.66	0.61	66	61	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
1SD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/11/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9428

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	26	25	52	50	4
n-Nitroso-di-n-propylamine	0.0	50	39	39	78	78	0
1,2,4-Trichlorobenzene	0.0	50	30	30	60	60	0
Acenaphthene	0.0	50	37	37	74	74	0
Pyrene	0.0	50	38	39	76	78	3
Pentachlorophenol	0.0	100	70	71	70	71	1
4-Chloro-3-Methylphenol	0.0	100	42	52	42	52	21
2-Chlorophenol	0.0	100	60	63	60	63	5
Phenol	0.0	100	20	23	20	23	14

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/11/97
Laboratory Sample No : 97080076
Laboratory Reference No : MWI 9428

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	40	39	80	78	3
n-Nitroso-di-n-propylamine	0.0	50	50	50	100	100	0
1,2,4-Trichlorobenzene	0.0	50	44	44	88	88	0
Acenaphthene	0.0	50	43	43	86	86	0
Pyrene	0.0	50	43	42	86	84	2
Pentachlorophenol	0.0	100	78	80	78	80	3
4-Chloro-3-Methylphenol	0.0	100	76	76	76	76	0
2-Chlorophenol	0.0	100	72	71	72	71	1
Phenol	0.0	100	65	64	65	64	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/12/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9428

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	42	84	84	0
n-Nitroso-di-n-propylamine	0.0	50	50	51	100	102	2
1,2,4-Trichlorobenzene	0.0	50	45	46	90	92	2
Acenaphthene	0.0	50	43	43	86	86	0
Pyrene	0.0	50	43	43	86	86	0
Pentachlorophenol	0.0	100	80	80	80	80	0
4-Chloro-3-Methylphenol	0.0	100	71	69	71	69	3
2-Chlorophenol	0.0	100	75	75	75	75	0
Phenol	0.0	100	66	64	66	64	3

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/11/97
Laboratory Sample No : 97080145
Laboratory Reference No : MWI 9428

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	39	72	78	8
n-Nitroso-di-n-propylamine	0.0	50	45	48	90	96	6
1,2,4-Trichlorobenzene	0.0	50	40	43	80	86	7
Acenaphthene	0.0	50	39	42	78	84	7
Pyrene	0.0	50	40	42	80	84	5
Pentachlorophenol	0.0	100	72	78	72	78	8
4-Chloro-3-Methylphenol	0.0	100	68	73	68	73	7
2-Chlorophenol	0.0	100	64	70	64	70	9
Phenol	0.0	100	57	62	57	62	8

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

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Laboratory Director

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Tustin, CA 92680
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Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

24 hr TAT on Soil TRPH only.
REQUIRED TAT: Standard TAT, Otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	Mc Donnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave.	LOCATION:	C-6 Facility
	Pasadena, CA 91101	ADDRESS:	19503 S. Normandie
			Los Angeles, CA
PHONE:	818-568-6582 FAX: 818-796-5941	SAMPLED BY:	AWN, IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-GS-70-5'	2	8/5/97	0955	SOIL	2"x6" ss sleeve	ICE	X	X							
OA1-GS-71-12'	2		1005				X	X							
OA1-GS-72-5'	2		1010				X	X							
OA1-GS-73-4'	2		1020				X	X							
OA1-GS-74-10'	2		1030				X	X							
OA1-RE9-SP1	2		1355				X	X	X	X					
OA1-RE9-SP2	2		1400				X	X	X	X					
Equipment Blank	7		1515	WATER	Number 5 VOAs	none HNO3 HCl	X	X	X	X	X	X			
Rinsate Blank	7		1550				X	X	X	X	X	X			
Trip Blank	2		—		2 VOAs	HCl			X						

Total No. of Samples: 10

Method of Shipment: 1 Cooler Via Orange Coast Lab Courier.

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	8/5/97 1600		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	8/5/97 16:00

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026421

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/14/97
Reported: 08/14/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97080186	WL-RE1-SP1	520

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-RE1-SP1

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/14/97
Reported: 08/21/97

Laboratory Sample Number: 97080186
Laboratory Reference #: MWI 9451

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*	
Antimony	6010	15	500	5.0	N.D.	
Arsenic	6010	5.0	500	1.0	53	<---
Barium	6010	100	10000	0.1	100	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	25	<---
Cobalt	6010	80	8000	0.5	7.6	<---
Copper	6010	25	2500	0.1	11	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	11	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	31	<---
Zinc	6010	250	5000	0.1	40	<---

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

ORANGE COAST ANALYTICAL

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-RE1-SP1
Laboratory Sample Number: 97080186
Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/14/97
Reported: 08/21/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Benzene	71-43-2	2.5	N.D.	
Bromodichloromethane	75-27-4	2.5	N.D.	
Bromoform	75-25-2	2.5	N.D.	
Bromomethane	74-83-9	2.5	N.D.	
Carbon Disulfide	75-15-0	5.0	N.D.	
Carbon tetrachloride	56-23-5	2.5	N.D.	
Chlorobenzene	108-90-7	2.5	N.D.	
Chlorodibromomethane	124-48-1	2.5	N.D.	
Chloroethane	75-00-3	2.5	N.D.	
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.	
Chloroform	67-66-3	2.5	N.D.	
Chloromethane	74-87-3	2.5	N.D.	
1,1-Dichloroethane	75-34-3	2.5	N.D.	
1,2-Dichloroethane	107-06-2	2.5	N.D.	
1,1-Dichloroethene	75-35-4	2.5	N.D.	
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.	
1,2-Dichloropropane	78-87-5	2.5	N.D.	
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.	
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.	
Ethylbenzene	100-41-4	2.5	N.D.	
Methylene chloride	75-09-2	5.0	N.D.	
Styrene	100-42-5	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
Tetrachloroethene	127-18-4	2.5	N.D.	
Toluene	108-88-3	2.5	N.D.	
1,1,1-Trichloroethane	71-55-6	2.5	N.D.	
1,1,2-Trichloroethane	79-00-5	2.5	N.D.	
Trichloroethene	79-01-6	2.5	N.D.	
Trichlorofluoromethane	75-69-4	5.0	N.D.	
Vinyl acetate	108-05-4	5.0	N.D.	
Vinyl chloride	75-01-4	2.5	N.D.	
Total Xylenes	1330-20-7	2.5	3.9	<---
Dichlorodifluoromethane	75-71-8	2.5	N.D.	
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.	
2,2-Dichloropropane	594-20-7	2.5	N.D.	
Bromochloromethane	74-97-5	2.5	N.D.	
1,1-Dichloropropene	563-58-6	2.5	N.D.	
Dibromomethane	74-95-3	2.5	N.D.	
1,2-Dibromoethane	106-93-4	2.5	N.D.	

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, WL-RE1-SP1
Laboratory Sample #: 97080186

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	2.5	N.D.	
Isopropylbenzene	98-82-8	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
1,2,3-Trichloropropane	96-18-4	2.5	N.D.	
Bromobenzene	108-86-1	2.5	N.D.	
n-Propylbenzene	103-65-1	2.5	N.D.	
2-Chlorotoluene	95-49-8	2.5	N.D.	
1,3,5-Trimethylbenzene	108-67-8	2.5	11	<---
4-Chlorotoluene	106-43-4	2.5	N.D.	
tert-Butylbenzene	98-06-6	2.5	N.D.	
1,2,4-Trimethylbenzene	95-63-6	2.5	N.D.	
sec-Butylbenzene	135-98-8	2.5	N.D.	
4-Isopropyltoluene	99-87-6	2.5	9.8	<---
1,3-Dichlorobenzene	541-73-1	2.5	N.D.	
1,4-Dichlorobenzene	106-46-7	2.5	N.D.	
n-Butylbenzene	104-51-8	2.5	N.D.	
1,2-Dichlorobenzene	95-50-1	2.5	N.D.	
1,2-Dibromo-3-CPA	96-12-8	5.0	N.D.	
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.	
Hexachlorobutadiene	87-68-3	2.5	N.D.	
Naphthalene	91-20-3	2.5	5.6	<---
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	101
Toluene-d8	98
4-Bromofluorobenzene	95

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/14/97
Reported: 08/14/97

Sample Description: Soil, WL-RE1-SP1
Laboratory Sample Number: 97080186
Laboratory Reference #: MWI 9451

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i)perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	N.D.
Dibenz(a,h)anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

ORANGE COAST ANALYTICAL, INC.
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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, WL-RE1-SP1
Laboratory Sample #: 97080186

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9451A

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/27/97
Reported: 08/27/97

STLC ARSENIC (TITLE 22/EPA 6010)

Laboratory Sample Number	Client Sample Number	Sample Results (ppm)
97080186	WL-RE1-SP1	1.6
Detection Limit:		1.0

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mike Samici for
Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9451A

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/26/97
Reported: 08/26/97

TCLP ARSENIC (EPA 1311/6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97080186	WL-RE1-SP1	N.D.

Detection Limit:	1.0

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mitra Samiei for

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/15/97
Reported: 08/21/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97080190	Equip Blank	N.D.
97080189	Rinsate Blank	N.D.
Detection Limit:		0.5

Analyte reported as N.D. was not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/20/97
Reported: 08/21/97

Laboratory Sample Number: 97080189
Laboratory Reference #: MWI 9451

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/20/97
Reported: 08/21/97

Laboratory Sample Number: 97080190
Laboratory Reference #: MWI 9451

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97080189
Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/14/97
Reported: 08/21/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97080189

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	97
Toluene-d8	106
4-Bromofluorobenzene	97

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97080190
Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/14/97
Reported: 08/21/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97080190

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	97
Toluene-d8	105
4-Bromofluorobenzene	99

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97080191
Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/14/97
Reported: 08/21/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2.-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97080191

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	94
Toluene-d8	106
4-Bromofluorobenzene	97

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97080189
Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/18/97
Reported: 08/21/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97080189

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97080190
Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/18/97
Reported: 08/21/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97080190

ANALYTE	CAS NUMBER	DETECTION Limit (ug/l)	SAMPLE RESULTS (ug/l)
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/15/97
Reported: 08/21/97

Laboratory Sample Number: 97080189
Laboratory Reference #: MWI 9451

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/15/97
Reported: 08/21/97

Laboratory Sample Number: 97080190
Laboratory Reference #: MWI 9451

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/15/97
Reported: 08/21/97

Laboratory Sample Number: 97080189
Laboratory Reference #: MWI 9451

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/15/97
Reported: 08/21/97

Laboratory Sample Number: 97080190
Laboratory Reference #: MWI 9451

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 08/14/97
Laboratory Sample No : 97080180
Laboratory Reference No : MWI 9451

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	99	99	99	99	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 08/15/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9451

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.3	2.3	92	92	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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QC DATA REPORT

Analysis : Total Organic Carbon (EPA 9060)

Date of Analysis : 08/14/97
Laboratory Sample No : 97080187
Laboratory Reference No : MWI 9451

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
TOC	0.0	10.0	10.4	9.7	104	97	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

QC DATA REPORT

Analysis : Metals

Date of Analysis : 08/14/97
Laboratory Sample No : 97080186
Laboratory Reference No : MWI 9451

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	29.0	30.0	97	100	3
Arsenic	5.3	10.0	15.6	15.8	103	105	1
Barium	10.0	10.0	21.0	22.0	110	120	5
Beryllium	0.00	1.00	1.02	1.04	102	104	2
Cadmium	0.00	1.00	0.97	0.98	97	98	1
Chromium (Total)	2.50	5.00	7.50	7.20	100	94	4
Chromium (VI)	0.00	1.00	0.86	0.83	86	83	4
Cobalt	0.76	1.00	1.66	1.56	90	80	6
Copper	1.10	1.00	2.08	2.06	98	96	1
Lead	0.00	10.0	8.1	8.4	81	84	4
Mercury	0.000	0.020	0.017	0.017	85	85	0
Molybdenum	0.0	10.0	9.7	10.1	97	101	4
Nickel	1.10	5.00	5.9	5.7	96	92	3
Selenium	0.0	10.0	10.0	9.7	100	97	3
Silver	0.0	5.0	4.7	4.1	94	82	14
Thallium	0.0	30.0	26.0	24.0	87	80	8
Vanadium	3.1	5.0	8.1	7.8	100	94	4
Zinc	4.0	5.0	8.7	8.8	94	96	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 08/20/97
Laboratory Sample No : 97080189
Laboratory Reference No : MWI 9451

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.60	3.40	120	113	6
Arsenic	0.00	1.00	1.20	1.15	120	115	4
Barium	0.000	0.100	0.116	0.110	116	110	5
Beryllium	0.00	0.100	0.120	0.119	120	119	1
Cadmium	0.00	0.100	0.120	0.120	120	120	0
Chromium (VI)	0.00	0.50	0.49	0.48	98	96	2
Chromium (Total)	0.00	0.100	0.110	0.108	110	108	2
Cobalt	0.00	0.100	0.120	0.105	120	105	13
Copper	0.000	0.100	0.100	0.111	100	111	10
Lead	0.00	1.00	1.20	1.16	120	116	3
Mercury	0.000	0.020	0.022	0.021	110	105	5
Molybdenum	0.00	1.00	1.16	1.20	116	120	3
Nickel	0.00	0.50	0.58	0.60	116	120	3
Selenium	0.00	1.00	1.20	1.20	120	120	0
Silver	0.00	0.50	0.58	0.57	116	114	2
Thallium	0.00	3.00	3.60	3.50	120	117	3
Vanadium	0.00	0.50	0.56	0.52	112	104	7
Zinc	0.000	0.100	0.112	0.111	112	111	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/14/97
Laboratory Sample No : 97080188
Laboratory Reference No : MWI 9451

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	49	50	98	100	2
1,1-Dichloroethene	0.0	50	53	54	106	108	2
Trichloroethene	0.0	50	46	48	92	96	4
Toluene	0.0	50	50	52	100	104	4
Chlorobenzene	0.0	50	49	51	98	102	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/14/97
Laboratory Sample No : 97080191
Laboratory Reference No : MWI 9451

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	18	90	90	0
1,1-Dichloroethene	0.0	20	17	17	85	85	0
Trichloroethene	0.0	20	16	16	80	80	0
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	18	17	90	85	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9451

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	35	72	70	3
n-Nitroso-di-n-propylamine	0.0	50	46	43	92	86	7
1,2,4-Trichlorobenzene	0.0	50	41	41	82	82	0
Acenaphthene	0.0	50	46	43	92	86	7
Pyrene	0.0	50	49	49	98	98	0
Pentachlorophenol	0.0	100	88	77	88	77	13
4-Chloro-3-Methylphenol	0.0	100	83	75	83	75	10
2-Chlorophenol	0.0	100	78	71	78	71	9
Phenol	0.0	100	31	28	31	28	10

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 08/14/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9451

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	38	37	76	74	3
n-Nitroso-di-n-propylamine	0.0	50	46	44	92	88	4
1,2,4-Trichlorobenzene	0.0	50	42	41	84	82	2
Acenaphthene	0.0	50	40	39	80	78	3
Pyrene	0.0	50	40	40	80	80	0
Pentachlorophenol	0.0	100	72	71	72	71	1
4-Chloro-3-Methylphenol	0.0	100	76	72	76	72	5
2-Chlorophenol	0.0	100	71	70	71	70	1
Phenol	0.0	100	64	60	64	60	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 08/14/97
Laboratory Sample No : 97080108
Laboratory Reference No : MWI 9451

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	170	180	68	72	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 08/15/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9451

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	14	12	70	60	15

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 08/15/97
Laboratory Sample No : 97080108
Laboratory Reference No : MWI 9451

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	25	16	14	64	56	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 08/15/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9451

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.48	0.53	48	53	10

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Cation Exchange Capacity (EPA 9081)

Date of Analysis : 08/14/97
Laboratory Sample No : 97080187
Laboratory Reference No : MWI 9451

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
CEC	38.4	30	69	66	102	92	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

24 hr TAT on CI-GS-1C 1.5
24 hr TAT on Composite Sample
24 hr TAT on WL-RE1-SP1 (Trip Blank)
REQUIRED TAT: Standard TAT [illegible]

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	Mc Donnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	C-6 Facility
		ADDRESS:	19503 S. Normandie Ave. Los Angeles, CA
PHONE:	818-568-6582 FAX: 818-796-5941	SAMPLED BY:	IV/AWN/CW

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080	Organic Carbon Content	Cation Exchange Capacity	REMARKS/PRECAUTIONS
WL-RE1-SP1	2	8/13/97	0950	SOIL	2"x6" SS Sleeve	ICE	X	X	X	X					
CI-GS-1A-1.5'	1	8/13/97	1300	↓	↓	↓									
CI-GS-1B-1.5'	1	8/13/97	1320	↓	↓	↓									
CI-GS-1C-1.5'	1	8/13/97	1345	↓	↓	↓									
CI-GS-1COMP ~~1.5'~~ AWN													X	X	24 hr TAT
Rinsate Blank	7	8/13/97	1545	WATER	4 amber 1 Poly 2 VOAs	none HNO3 HCl	X	X	X	X	X	X			*Composite of CI-GS-1A, 1B, 24-hr. TAT
Equipment Blank	7	8/13/97	1610	↓	↓	↓	X	X	X	X	X	X			
Trip Blank	2	8/13/97	—	↓	2 VOAs	HCl ↓			X						

*= Composite at Lab

Total No. of Samples: 8

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	8/13/97 1620		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 8/13/97 16:20

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
intact _____ on ice _____

All samples remain the property of the client who is responsible fc [illegible] posal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0026461

Appendix C

MONTGOMERY WATSON

MONTGOMERY WATSON

STOCKPILE SOILS DISPOSAL RECORD

SITE INFORMATION

Owner: Boeing Realty Corporation
Address: C-6 Facility
19503 South Normandie Ave.
Los Angeles, CA 90502

Soil Destination:
Bradley Landfill
9081 Tujunga Ave.
Sun Valley, CA
91352

DATE	TIME	LOAD #	STOCKPILE(S)	TRUCK ID
10/7/97	2013	1	OAI - RE2 - H	163
	2015	2		131
	2018	3		107
	2020	4		129
	2022	5		141
	2026	6		44
	2028	7		127
	2030	8		150
	2032	9	OAI - RE2 - H	142
	2034	10	OAI - RE2 - I	128
	2036	11		14
	2037	12		144
	2039	13		154
	2042	14		149
	2044	15		29
	2047	16	OAI - RE2 - I	124
	2050	17	OAI - RE2 - J	130
	2053	18		156
	2055	19		51
	2101	20	OAI - RE2 - J	140
	2157	21	OAI - RE2 - I, J	126
	2200	22		131
	2202	23		129
	2205	24		141
	2208	25		163
	2210	26		150
	2219	27	OAI - RE2 - I - J	128
	2220	28	OAI - RE3 - B	149
	2223	29	OAI - RE3 - B	154
10/7/97	2225	30	OAI - RE3 - B	14

WAVE 1 → ← WAVE 2

Signature: [signature] 10/7/97

MDRC/Backfill/Stockpil/disposal/form

MONTGOMERY WATSON

STOCKPILE SOILS DISPOSAL RECORD

SITE INFORMATION

Owner: Boeing Realty Corporation
Address: C-6 Facility
19503 South Normandie Ave.
Los Angeles, CA 90502

Soil Destination:
Bradley Landfill
9081 Tujunga Ave.
Sun Valley, CA
91352

	DATE	TIME	LOAD #	STOCKPILE(S)	TRUCK ID
WAVE 2	10/7/97	2228	31	OAI-RE3-B	127
		2230	32		142
		2232	33		44 (29)
		2233	34		44
		2238	35	OAI-RE3-B	124
		2240	36	OAI-RE3-E	130
		2245	37		156
		2247	38		140
		2249	39	OAI-RE3-E	51
		2348	40	OAI-RE3-B,E	126
		2351	41		131
		2353	42		129
		2356	43		150
	10/7/97	2359	44	OAI-RE3-B,E	141
WAVE 3	10/8/97	0003	45	OAI-RE4-A	163
		0005	46		149
		0007	47		154
		0010	48		127
		0013	49		14
		0016	50		128
		0018	51		44
		0021	52		29
		0023	53		124
		0025	54	OAI-RE4-A	130
		0030	55	OAI-RE2-C	140
		0033	56		156
		0037	57		51
		0039	58		142
WAVE 4		0142	59		150
		0147	60		126
	10/8/97	0149	61	OAI-RE2-C	129

Signature: [signature] 10/8/97

MDRC/Backfill/Stockpil/disposal/form

STOCKPILE SOILS DISPOSAL RECORD

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Los Angeles, CA 90502

Soil Destination:
Bradley Landfill
9081 Tujunga Ave.
Sun Valley, CA
91352

	DATE	TIME	LOAD #	STOCKPILE(S)	TRUCK ID
WAVE 4	10/8/97	0152	62	OAI - REZ - C	141
		0156	63	OAI - REZ - C	149
		0159	64	OAI - REZ - D, C	154
		0201	65	OAI - REZ - C, D	163
		0203	66	OAI - REZ - C, D	127
		0207	67	OAI - REZ - D	131
		0209	68	OAI - REZ - D	128
		0211	69	OAI - REZ - D	~~14~~
		0214	70	OAI - REZ - D	29 ?
		0216	71	OAI - REZ - D	14
		0218	72	OAI - REZ - D	124
		0220	73	OAI - REZ - D,	130
		0222	74	OAI - REZ - C, D	140
	10/8/97	0228	75	OAI - REZ - C, D	156
		~~0230~~	~~76~~ 9M		~~142~~ 9M
			~~77~~ 9m		
WAVE 1	10/8/97	2005	1	OAI - REZ - F	128
		2007	2		136
		2010	3		133
		2012	4		9M ~~B12~~ B26
		2014	5		33
		2016	6		B8
		2020	7		S14
		2025	8		B34
		2028	9		~~27~~ 08
		2030	10	OAI - REZ - F	S11
		2034	11	OAI - REZ - C	28
		2036	12	OAI - REZ - C	120
		2038	13		98 ~~98 2894~~
		2040	14		156
	10/8/97	2042	15	OAI - REZ - C	4

Signature: Jm 9M 10/8/97

MDRC/Backfill/Stockpil/disposal/form

MONTGOMERY WATSON

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Los Angeles, CA 90502

Soil Destination:
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9081 Tujunga Ave.
Sun Valley, CA
91352

	DATE	TIME	LOAD #	STOCKPILE(S)	TRUCK ID
WAVE 1	10/8/97	2050	16	OAI-RE7-C	129
		2052	17		131
		2054	18		149
		2058	19	OAI-RE7-C	126
		2059	20	OAI-RE9-~~B~~ 9m A	140
		2128	21	OAI-RE9-A	137
		2150	22		136
		2152	23		133
		2158	24		B12
		2200	25		128
		2203	26		33
WAVE 2		2209	27		B34
		2212	28	OAI-RE9-A	9m ~~B33~~ 98
		2214	29	OAI-RE9-A	08
		2216	30	OAI-RE9-A	S11
		2219	31	OAI-RE8-I	120
		2222	32		B28
		2224	33		56
		2228	34		S14
		2230	35		28
		2232	36		140
		2233	37		149
		2237	38	OAI-RE8-I	131
		2240	39	OAI-RE8-I	129
		2300	40	OAI-RE9-B	126
		2302	41		140
		2304	42		137
WAVE 3		2333	43		136
		2335	44		133
		2342	45		B12
	10/8/97	2350	46	OAI-RE9-B	33

Signature: [signature] 10/8/97

MDRC/Backfill/Stockpil/disposal/form

MONTGOMERY WATSON

STOCKPILE SOILS DISPOSAL RECORD

SITE INFORMATION

Owner: Boeing Realty Corporation
Address: C-6 Facility
19503 South Normandie Ave.
Los Angeles, CA 90502

Soil Destination:
Bradley Landfill
9081 Tujunga Ave.
Sun Valley, CA
91352

	DATE	TIME	LOAD #	STOCKPILE(S)	TRUCK ID
	10/8/97	2355	47	OA1 - REG - J	B34
	10/9/97	0000	48		S12
		0003	49		S11
		0005	50		B28
		0007	51		B33
		0011	52		156
		0012	53		128
		0014	54		20
		0016	55		140
		0020	56		S14
		0023	57	OA1 - REG - J	28
		0035	58	OA2 - RE2 - I	149
		0037	59		131
		0040	60		129
		0042	61		126
		0044	62		140
		0047	63		137
		0126	64		136
		0128	65		B12
		0131	66	OA1 - RE1 - I	133
		0137	67	OA1 - RE1 - G	33
		0141	68		S11
		0144	69		140
		0150	70		156
		0151	71		B28
		0153	72		120
		0200	73	OA1 - RE1 - G	128
		0212	74	OA1 - RE2 - A1/A2	B33
		0214	75		28
		0218	76		131
	10/9/97	0245	77	OA1 - RE2 - A1/A2	149

WAVE 3

WAVE 4

Signature: [signature] 10/9/97

MDRC/Backfill/Stockpil/disposal/form

MONTGOMERY WATSON

STOCKPILE SOILS DISPOSAL RECORD

SITE INFORMATION

Owner: Boeing Realty Corporation
Address: C-6 Facility
19503 South Normandie Ave.
Los Angeles, CA 90502

Soil Destination:
Bradley Landfill
9081 Tujunga Ave.
Sun Valley, CA
91352

	DATE	TIME	LOAD #	STOCKPILE(S)	TRUCK ID
WAVE 1	10/9/97	2010	1	OA1 - RE1 - A1/A2	149
		2016	2		126
		2019	3		137
		2022	4		B12
		2026	5	OA1 - RE1 - A1/A2	136
		2032	6	OA1 - RE1 - J	132
		2034	7		B19 (11)
		2037	8		131
		2040	9		129
		2042	10		154
		2044	11		141
		2048	12		B25
		2051	13		B38
		2054	14	OA1 - RE1 - J	130
		2057	15	OA1 - RE1 - A1/A2, J	103
WAVE 2		2155	16	B36 - RE1 - C / OA1 - RE1 - B	149
		2159	17	B36 - RE1 - C / OA1 - RE1 - B	126
		2202	18	B36 - RE1 - C / OA1 - RE1 - B	137
		2211	19	OA1 - RE1 - B	B-12
		2216	20		136
		2220	21		132
		2228	22		BA
		2233	23	+ B36 - RE1 - C	131
		2236	24		129
		2253	25		B25
		2255	26		B38
		2257	27		154
		2300	28	OA1 - RE1 - B + B36 - RE1 - C	141
		2307	29	OA1 - RE1 - A	130
		2319	30	OA1 - RE1 - A	103
WAVE 3	10/9/97	2340	31	OA1 - RE1 - A	149

Signature: [signature] 10/9/97

MDRC/Backfill/Stockpil/disposal/form

STOCKPILE SOILS DISPOSAL RECORD

SITE INFORMATION

Owner: Boeing Realty Corporation
Address: C-6 Facility
19503 South Normandie Ave.
Los Angeles, CA 90502

Soil Destination:
Bradley Landfill
9081 Tujunga Ave.
Sun Valley, CA
91352

DATE	TIME	LOAD #	STOCKPILE(S)	TRUCK ID
10/9/97	2344	32	041 - REI - A	126
10/9/97	2357	33		812
10/10/97	0007	34		136
	0010	35		132
	0014	36		B11
	0016	37		137
	0026	38		131
	0029	39		129
	0038	40	041 - REI - A	154
	0045	41	WL - REI - A	141
	0047	42		130
	0055	43		103
	0210	44		131
	0212	45		129
	0219	46		154
	0224	47		103
	0226	48		141
10/10/97	0228	49	WL - REI. - A	130

WAVE 3

WAVE 4

Signature: [signature] 10/10/97

MDRC/Backfill/Stockpil/disposal/form

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings _____

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons 21 T	(Dump Truck)	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Ste 101

Anaheim CA 92807

Service Order # _____ Pick up Date 10/7/97 Truck, Unit ID # 14

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale	[signature]	James Pledger
Signature	Signature	Signature 0.0 ppm
Generator	**Transporter**	**TSD Facility**

3929

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 154

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale	10-7	James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3930

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —

CONTAINERS	TYPE	PROPERTIES
(#)	(Circle One)	pH
Volume/CY 14 CY	Tank Truck	(Circle One)
Weight/Tons 21 T	Dump Truck	Solid
	Drums	Liquid
	Cartons	Sludge
	Other	Slurry
		Other

DISPOSAL (Circle One)

COMPONENTS	
1.	PPM
2.	PPM
3.	PPM
4.	PPM
5.	PPM

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/7/97	Felix Alfar	James Pledger 10-7-97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3931

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 128

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97	[illegible]	James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale	[illegible]	James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0 ppm

3932

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA Site Location SAME

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 150

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3933

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 163

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3934

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 141

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 00 ppm

3935

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —

CONTAINERS	TYPE
(#)	(Circle One)
Volume/CY 14 CY	Tank Truck
Weight/Tons 21 T	Dump Truck
	Drums
	Cartons
	Other

DISPOSAL (Circle One)

PROPERTIES	COMPONENTS	
pH	1.	PPM
(Circle One)	2.	PPM
Solid	3.	PPM
Liquid	4.	PPM
Sludge	5.	PPM
Slurry		
Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledge 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledge
Signature	Signature	Signature

O.O. PPM

3936

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 Tons	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97	James	James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledge
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3939

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 Tons	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 163

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/7/97		James Pledger 10/7/97
Signature	Signature	Signature
S.M. Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** G.O. ppm

3942

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name BOEING REALTY CORPORATION Phone 562-627-3014

Address 19503 S. NORMANDIE AVE

LOS ANGELES CA 90502 Site Location SAME

Waste Description SOIL Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings LESS THAN 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6870~~ 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3970 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 142

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.5 ppm

3943

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~ 14CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 tons	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 107

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 PPM

3944

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name BOEING REALTY CORPORATION Phone 562-627-3014

Address 19503 S. NORMANDIE AVE

LOS ANGELES CA 90502 Site Location SAME

Waste Description SOIL Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings LESS THAN 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~APPROX 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~APPROX 6690~~ 671 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 51

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0 ppm

3945

BOE-C6-0026482

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6870~~ 21 Tons	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 156

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

3946

BOE-C6-0026483

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3947

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.6ppm

3948

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 156

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature 0.0 ppm
Generator	**Transporter**	**TSD Facility**

3953

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature 0.0 ppm
Generator	**Transporter**	**TSD Facility**

3954

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 130

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	Transporter	TSD Facility 0 ppm

3955

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings _____

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 124

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SM Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** O.O.

3956

BOE-C6-0026489

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 14

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3957

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 29

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3958

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 44

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.3 ppm

3959

BOE-C6-0026492

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 128

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97	[illegible]	James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale	[illegible]	James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0 PPM

3960

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/8/97		James Pledger ✓ 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3961

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 127

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.7 ppm

3962

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50ppm

— DAILY COVER —

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

DISPOSAL (Circle One)

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 163

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 0/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
		0.5 ppm

3963

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 130

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SM Stavale		James Pledger
Signature	Signature	Signature 0.3 ppm
Generator	**Transporter**	**TSD Facility**

3964

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Roeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone 714-632-6730

Address 3920 E. Coronado St ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 124

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature 0.0 ppm
Generator	**Transporter**	**TSD Facility**

3965

BOE-C6-0026498

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 29

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3966

BOE-C6-0026499

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 44

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/17/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

0.0 ppm

3967

BOE-C6-0026500

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 128

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature 0.0 ppm
Generator	**Transporter**	**TSD Facility**

3968

BOE-C6-0026501

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

~~Los Angeles~~ Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 14

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3969

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 127

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3970

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/3/97 Truck, Unit ID # 154

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale	Antone 10-7	James Pledger
Signature	Signature	Signature
		0.0 ppm

3971

BOE-C6-0026504

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. INC Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/7/97	10-7/97	James Pledger 10/7
Signature	Signature	Signature
S.M. Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** 0.6 ppm

3972

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 163

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3973

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 141

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James P Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.6 ppm

3974

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

DISPOSAL (Circle One)

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 150

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/7/97		James Pledger 10/7/97
Signature	Signature	Signature
S M Stavale		James Pledge
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3975

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone 714-632-6730

Address 3920 E. Coronado St Sto 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3976

BOE-C6-0026509

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boring Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 00 PPM

3977

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY Approx. ~~5300~~ 14	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/7/97		James Pledger 10/7/97
Signature	Signature	Signature
S.M. Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3805

BOE-C6-0026511

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 Tons	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S. M. Stavale 10/7/97		James Pledger 10/7/97
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3809

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S. M. Stavale 10/7/97		James Pledger 10/7/97
Signature	Signature	Signature
S M Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** 0.3 PPM

3811

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~ 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 51

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/7/97	Jarr	James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3813

BOE-C6-0026514

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3075

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 cy	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5900~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~	Dump Truck	Solid	3.	PPM
21 T	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3814

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 3300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3970 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 156

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 PPM

3815

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~ 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3970 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 130

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3816

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS		TYPE	PROPERTIES	COMPONENTS	
(#)	14 CY	(Circle One)	pH	1.	PPM
Volume/CY	~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons	~~Approx 6890~~	Dump Truck	Solid	3.	PPM
	21 T	Drums	Liquid	4.	PPM
		Cartons	Sludge	5.	PPM
		Other	Slurry		
			Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714-632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 124

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S. M. Stavale 10/7/97		James Pledge 10/7/97
Signature	Signature	Signature
S M Stavale		James Pledge
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3817

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5320~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~ 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

O.D ppm

3821

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562 627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS		TYPE	PROPERTIES	COMPONENTS	
(#)	14 CY	(Circle One)	pH	1.	PPM
Volume/CY	~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons	Approx. 6890 21 T	Dump Truck	Solid	3.	PPM
		Drums	Liquid	4.	PPM
		Cartons	Sludge	5.	PPM
		Other	Slurry		
			Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 51

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/7/97		James Pledger 10/7/97
Signature	Signature	Signature 0.0 ppm
Generator	**Transporter**	**TSD Facility**

3822

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 0865 10005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS		TYPE	PROPERTIES	COMPONENTS	
(#)	14 CY	(Circle One)	pH	1.	PPM
Volume/CY	~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons	~~Approx 6890~~ 21 T	Dump Truck	Solid	3.	PPM
		Drums	Liquid	4.	PPM
		Cartons	Sludge	5.	PPM
		Other	Slurry		
			Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3970 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 130

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3823

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5370~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~	Dump Truck	Solid	3.	PPM
21 T	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3970 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 124

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3824

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD008651000S

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~ 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 29

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3825

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-621-3014

Address 19563 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 71 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 631-6730

Address 3970 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97	[illegible] 10/7/97	James Pledger
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		10/7/97
Signature	Signature	Signature
Generator	Transporter	TSD Facility

3826

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER —		DISPOSAL (Circle One)			
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**		
(#) 14 CY	(Circle One)	pH	1.	PPM	
Volume/CY Approx 5300	Tank Truck	(Circle One)	2.	PPM	
Weight/Tons Approx. 6890	Dump Truck	Solid	3.	PPM	
21 T	Drums	Liquid	4.	PPM	
	Cartons	Sludge	5.	PPM	
	Other	Slurry			
		Other			

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714-632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 144

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SM Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3827

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562.627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~	Dump Truck	Solid	3.	PPM
21 T	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 14

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97	James Pledger	James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale	Paulos	0.0 ppm
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3828

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~ 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St, Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 154

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale	10-7	James Pledger
Signature	Signature	Signature
		00 ppm

3829

BOE-C6-0026527

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boring Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description 5011 Generating Process Excavation

Handling Instructions NA VOC–OVA Readings <50 ppm

— DAILY COVER —		DISPOSAL (Circle One)			
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**		
(#) 14	(Circle One)	pH	1.	PPM	
Volume/CY Approx. ~~5500~~	Tank Truck	(Circle One)	2.	PPM	
Weight/Tons Approx. ~~1890~~ 21	Dump Truck	Solid	3.	PPM	
	Drums	Liquid	4.	PPM	
	Cartons	Sludge	5.	PPM	
	Other	Slurry			
		Other			

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97	10-7-97	James Pledgeroth
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledgeroth
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.3 ppm

3830

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	(Dump Truck)	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 141

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature
		0.5 ppm

3831

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD065100005

Name Boeing Realty Corporation Phone 562 627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50ppm

— DAILY COVER —

CONTAINERS		TYPE
(#)	14	(Circle One)
Volume/CY	Approx ~~5000~~	Tank Truck
Weight/Tons	Approx ~~1000~~	Dump Truck
	21	Drums
		Cartons
		Other

DISPOSAL (Circle One)

PROPERTIES	COMPONENTS	
pH	1.	PPM
(Circle One)	2.	PPM
Solid	3.	PPM
Liquid	4.	PPM
Sludge	5.	PPM
Slurry		
Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St, Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.1 ppm

3914

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD08510005

Name Boeing Realty Corporation Phone 562 627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14	(Circle One)	pH	1.	PPM
Volume/CY Approx ~~5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx ~~1590~~	Dump Truck	Solid	3.	PPM
21	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		1.3ppm

3915

BOE-C6-0026531

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD08510005

Name Boeing Realty Corporation Phone 562 6273014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) 14	(Circle One)	pH	1.	PPM
Volume/CY Approx ~~5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx ~~6640~~ 21	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 150

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.4 ppm

3916

BOE-C6-0026532

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562 627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY Approx 5300	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx 6890	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 44

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

0.0 ppm

3917

BOE-C6-0026533

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name BOEING REALTY CORP Phone 562-627-3014

Address 19503 S. NORMANDIE

LOS ANGELES CA 90502 Site Location SAME

Waste Description SOIL Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings LESS THAN 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 156

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3918

BOE-C6-0026534

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles, CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ≈ 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO, INC. Phone 714-632-6730

Address 3920 E. CORONADO St. Ste 101

ANAheim, CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 128

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97	Luis Henry	
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3919

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 tons	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 141

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature 0.0 ppm
Generator	**Transporter**	**TSD Facility**

3920

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim, CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 142

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledge 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledge
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3921

BOE-C6-0026537

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles, CA Site Location SAME

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim, CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 150

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pleiser 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pleiser
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0 - ppm

3922

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	(Dump Truck)	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim, CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 127

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 2:00 pm

3923

BOE-C6-0026539

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corp Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 44

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date 10/7/97
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3924

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 154

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/7/97		James Pleiser 10/7/97
Signature	Signature 10-7-97	Signature
Generator	**Transporter**	**TSD Facility** 2:00 pm

3925

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location SAME

Waste Description Soil Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St, Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 44

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

3926

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 142

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature

0.0 ppm

3927

BOE-C6-0026543

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone ~~714-632-6730~~ 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER —

CONTAINERS	TYPE (Circle One)	PROPERTIES (Circle One)	COMPONENTS	
(#)	Tank Truck	pH	1.	PPM
Volume/CY 14 CY	Dump Truck	Solid	2.	PPM
Weight/Tons 21 T	Drums	Liquid	3.	PPM
	Cartons	Sludge	4.	PPM
	Other	Slurry	5.	PPM
		Other		

DISPOSAL (Circle One)

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/7/97 Truck, Unit ID # 127

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/7/97		James Pledger 10/7/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3928

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~ 14CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ ~~21 T~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone (714) 632-6730

Address 3920 E. CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 56

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/07/97		James Pledger
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

0.0 ppm

3806

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) ~~14 CY~~	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~	Dump Truck	Solid	3.	PPM
21 T	Drums	Liquid	4.	PPM
25	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name VGALDE TRUCKING CO Phone 714-632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # B28

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/07/97	Edgar 10/8/97	James Pledger 10/8/97
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0:00 p.m.

3807

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~ 1429	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 T	Dump Truck	Solid	3.	PPM
75	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 120

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/7/97	L. A. CHAVEZ	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3808

BOE-C6-0026547

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562 0027-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) ~~14 CY~~	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 21 T 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name VGALDE TRUCKING CO Phone 714-632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 519

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/7/97		James Pledger 10/8
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3810

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER —

CONTAINERS		TYPE
(#)	~~14 EY~~	(Circle One)
Volume/CY	~~Approx 530~~	Tank Truck
Weight/Tons	~~Approx 1890~~	Dump Truck
	~~21 T~~	Drums
	25	Cartons
		Other

DISPOSAL (Circle One)

PROPERTIES	COMPONENTS	
pH	1.	PPM
(Circle One)	2.	PPM
Solid	3.	PPM
Liquid	4.	PPM
Sludge	5.	PPM
Slurry		
Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 28

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3818

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) ~~14 CY~~	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~	Dump Truck	Solid	3.	PPM
21T	Drums	Liquid	4.	PPM
25	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3819

BOE-C6-0026550

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD0865 1000S

Name Boeing Realty Corporation Phone 562-627-3014

Address 19583 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings <50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) ~~14 CY~~	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 1890~~	Dump Truck	Solid	3.	PPM
~~21 T~~	Drums	Liquid	4.	PPM
25	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 719-632-6770

Address 3920 E CORONADO ST

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 128

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature 0.0 ppm
Generator	**Transporter**	**TSD Facility**

3820

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562 627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6840~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # B34

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S. M. Stavale 10/8/97	OHO	James Pledger 10/8/97
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3832

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # ~~27~~ 08

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/8/97
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3833

BOE-C6-0026553

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6840~~	Dump Truck	Solid	3.	PPM
25	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # ~~84~~ 511

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/8/97
Signature	Signature	Signature
S.M. Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3834

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 28

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/8/97		James Pleaver 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pleaver
Signature	Signature	Signature 00:00 pm

3835

BOE-C6-0026555

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~	Dump Truck	Solid	3.	PPM
25	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St, Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 120

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97	L. A. CHAVEZ	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	Transporter	TSD Facility 0.0 ppm

3836

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~	Dump Truck	Solid	3.	PPM
25	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # ~~98~~ 28

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/8/97	Edgar	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3837

BOE-C6-0026557

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER —

CONTAINERS	TYPE
(#)	(Circle One)
Volume/CY ~~Approx 5300~~	Tank Truck
Weight/Tons ~~Approx 6890~~	Dump Truck
25	Drums
	Cartons
	Other

DISPOSAL (Circle One)

PROPERTIES	COMPONENTS	
pH	1.	PPM
(Circle One)	2.	PPM
Solid	3.	PPM
Liquid	4.	PPM
Sludge	5.	PPM
Slurry		
Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 156

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

00 ppm

3838

BOE-C6-0026558

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3075

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6890~~	Dump Truck	Solid	3.	PPM ___
25	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 4

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3839

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Starale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Starale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3840

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6890~~	Dump Truck	Solid	3.	PPM ___
25	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S.M. Stavale 10/8/97		James Pooer 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SM Stavale		James Pooer
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3841

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER —

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6890~~	Dump Truck	Solid	3.	PPM ___
25	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

DISPOSAL (Circle One)

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S. M. Stavale 10/8/97	10/8/97	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale	[illegible]	James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3842

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6890~~	Dump Truck	Solid	3.	PPM ___
25	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S. M. Stavale 10/8/97		James Pleuger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pleuger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3843

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6848~~	Dump Truck	Solid	3.	PPM ___
25	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3844

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6840~~	Dump Truck	Solid	3.	PPM
25	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 137

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/8/97		James Pedger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pedger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 50 ppm

3845

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 136

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97	Elver Manoquin	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3846

BOE-C6-0026566

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 133

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S. M. Stavale 10/8/97	Javier Bonilla	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale	[signature]	James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3847

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6890~~	Dump Truck	Solid	3.	PPM ___
25	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3930 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # B12

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pletcher 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pletcher
Signature	Signature	Signature
		0.0 ppm

3848

BOE-C6-0026568

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6840~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 128

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3849

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~	Dump Truck	Solid	3.	PPM
25	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 33

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3850

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Appx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Appx. 6890~~	Dump Truck	Solid	3.	PPM ___
25	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # B39

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S. M. Stavale 10/8/97	OHD	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3851

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562 627 3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6590~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 98

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 PPM

3852

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx 6840~~	Dump Truck	Solid	3.	PPM ___
25	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 08

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S. M. Stavale 10/8/97		James Pleiser 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pleiser
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3853

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # S11

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3854

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S. M. Stavale 10/8/97	10-7/97	James Pledger 10/
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

2861

BOE-C6-0026575

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97		James Plesser 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Plesser
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3865

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 28

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

3866

BOE-C6-0026577

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3420 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # B33

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3867

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 128

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

3869

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 9120

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97	L. A. CHAVEZ	James Pledger 10-8-97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SM Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3870

BOE-C6-0026580

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Colorado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # B28

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97	Edgar	James Pledger 10-8-97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3871

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 156

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97		JAMES Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3872

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3873

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # S 11

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James P.
Signature	Signature	Signature

3874

BOE-C6-0026584

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 33

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3875

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 133

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97	JAVIER Bonilla	James Pledger 10/8/97
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3876

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC-OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # B12

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC-OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3877

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 136

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/9/97	E Ulver	James Pledue
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3878

BOE-C6-0026588

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado, St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 137

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/9/97		James Meaver 10/9
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3879

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION

EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3104

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION

EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97		James Medley 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		[illegible]
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3880

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) ✓	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3881

BOE-C6-0026591

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los ANgeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SM Stavale		James Pledger
Signature	Signature	Signature

3883

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # ~~XXXXXXXX~~ CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S. M. Stavale 10/8/97		James Pledger
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3884

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97	10-9-97	James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3885

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 28

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3887

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 514

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SM Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3888

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION

EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION

EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S. M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3889

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 20

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97	L.A. CHAVEZ	JAMES PEDUER 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3890

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 1 [illegible]

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3892

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 156

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

SMStavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3894

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER —

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

DISPOSAL (Circle One)

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # B33

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/8/97		James Hedger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Hedger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3895

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # B28

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97	Edgar 10-8-97	James Pledger 10/8/97
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3896

BOE-C6-0026602

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/87 Truck, Unit ID # S11

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/87		James Pledger 10/8/87
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature

3897

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC-OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # S12

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC-OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3898

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY Approx. 5300	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. 6890	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name _____ Phone _____

Address _____

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 136

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97	E Ivey	James Pledger
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3899

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # B34

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97	[illegible]	James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale	[illegible]	James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0-0 ppm

3900

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 33

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3901

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION

EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY Approx. 5300	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. 6890	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION

EPA ID # _____

Name _____ Phone _____

Address _____

Service Order # _____ Pick up Date 10/8/97 Truck, Unit ID # 133

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97	Javier Bonilla	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale	[signature] 7/10	James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3902

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name BOEING REALTY CORPORATION Phone 562-627-3014

Address ~~[illegible]~~ 19503 S. NORMANDIE AVE

LOS ANGELES CA ~~90052~~ 90502 Site Location SAME

Waste Description SOIL Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings LESS THAN 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) ~~14 cy~~	(Circle One)	pH	1.	PPM
Volume/CY ~~APPROX 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~APPROX 6890~~ 2+T 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone (714) 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97	10/8/97	James Pledgards
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale	[illegible]	James Pledgards
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 PPM

3937

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name BOEING REALTY CORPORATION Phone 562-627-3014

Address 19503 S. NORMANDIE AVE

LOS ANGELES CA ~~90052~~ 90502 Site Location SAME

Waste Description SOIL Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings LESS THAN 50 PPM

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) ~~14 CY~~	(Circle One)	pH	1.	PPM
Volume/CY ~~APPROX 5200~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~APPROX 6890~~	Dump Truck	Solid	3.	PPM
~~21 T~~	Drums	Liquid	4.	PPM
25	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone (714) 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Starale 10/7/97		James Pleiler 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStarale		
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3938

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name BOEING REALTY CORPORATION Phone 562-627-3014

Address 19503 S. NORMANDIE AVE

LOS ANGELES CA 90502 Site Location SAME

Waste Description SOIL Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings LESS THAN 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#) ~~14 CY~~	(Circle One)	pH	1.	PPM
Volume/CY ~~APPROX 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~APPROX 6890~~	Dump Truck	Solid	3.	PPM
~~+2~~	Drums	Liquid	4.	PPM
21 T	Cartons	Sludge	5.	PPM
25	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone (714) 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/7/97		James Hedge 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3940

BOE-C6-0026611

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name BOEING REALTY CORPORATION Phone 562-627-3014

Address 19503 S. NORMANDIE AVE

LOS ANGELES CA 90502 Site Location SAME

Waste Description SOIL Generating Process EXCAVATION

Handling Instructions N/A VOC–OVA Readings LESS THAN 30 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) 14 CY	(Circle One)	pH	1.	PPM
Volume/CY ~~APPROX 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~APPROX 6890~~ 25 21T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO Phone 714 632-6730

Address 3920 E CORONADO ST SUITE 101

ANAHEIM CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/8
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3941

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY 14 CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons 21 T	Dump Truck	Solid	3.	PPM
75	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 140

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Starale 10/7/97		James Pleager 10/8
Signature	Signature	Signature
S.M. Starale		James Pleager
Generator	**Transporter**	**TSD Facility**

3949

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~14 CY~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~21 T~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone 714-632-6730

Address 3920 E. Coronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 137

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/7/97		James Fletcher
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3950

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corp. Phone 562-627-3014

Address 19503 S. Normandie Ave

Los Angeles CA Site Location SAME

Waste Description Soil Generating Process Excavation

Handling Instructions N/A VOC–OVA Readings < 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~14 CY~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~21 T~~ 75 T	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc. Phone 714-632-6730

Address 3920 E. Gronado St. Ste 101

Anaheim CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # B12

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/7/97		James Pledger 10/7
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3951

BOE-C6-0026615

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 136

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97	Elvir Manzoni	James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	Transporter	TSD Facility 0.0ppm

4028

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 53000~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~53000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 133

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/8/97
Signature	Signature	Signature
S.M. Stavale	Javier	Bonilla James Pledger
Generator	**Transporter**	**TSD Facility** 3.0 ppm

4029

BOE-C6-0026617

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 2000~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~2000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # ~~B12~~ B26

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/8/97
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 00 ppm

4030

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 33

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

4031

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location SAme

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # B8

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

4032

BOE-C6-0026620

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado ST., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 514

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S. M. Stavale 10/8/97		James Pledger 9/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale	[signature]	James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

4033

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~XXXXXXXX 5000X~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5000X~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3804

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 0865 10005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY: ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # B19

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3855

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 132

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/9
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3856

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 0865 10005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Ave.

Long Beach, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 136

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97	Elmer Marroquin	James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3857

BOE-C6-0026625

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD 086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings < 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons ~~Approx. 6840~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # B12

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3858

BOE-C6-0026626

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 137

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3860

BOE-C6-0026627

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/9/97
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3861

BOE-C6-0026628

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone 714-632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pletcher 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pletcher
Signature	Signature	Signature
		0.0 ppm

3862

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5500~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3903

BOE-C6-0026630

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5800~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5800~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 154

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

3904

BOE-C6-0026631

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3104

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ogolde Trucking Co., Inc Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 141

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3905

BOE-C6-0026632

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6800~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugolde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # B25

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 5.0 ppm

3906

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 1500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~[illegible]~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # B38

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/8/97		James Pledger
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3907

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 130

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3908

BOE-C6-0026635

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~1000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 103

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature

0.0 ppm

3909

BOE-C6-0026636

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledge 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledge
Signature	Signature	Signature
		0.0 ppm

3910

BOE-C6-0026637

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 3300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~3300~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugolde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St, Suite 101

Anaheim, CA 92807.

Service Order # Pick up Date 10/9/97. Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/9
Signature	Signature	Signature
S.M. Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3911

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugolde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97. Truck, Unit ID # 137

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S. M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3913

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugolde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97. Truck, Unit ID # B12

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/9/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** O.K.

3978

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~3890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Company, Inc Phone (714) 632-6730

Address 3920 E Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 136

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/9
Signature	Signature	Signature
S.M. Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3979

BOE-C6-0026641

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 5300~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc Phone (714) 632-6730.

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 132

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3980

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5000~~ 75	Dump Truck	Solid	3.	PPM
	~~Drums~~	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10 / 9 / 97 Truck, Unit ID # B19

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/9
Signature	Signature	Signature James Pledger
Generator	**Transporter**	**TSD Facility** 0 ppm

3981

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 6300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~[illegible]~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugolde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97. Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility**

3982

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5000~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97. Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3983

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5000~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97. Truck, Unit ID # B25

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature

50 ppm

3984

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5360~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~6850~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Colorado St., Suite 101

Anaheim, CA 92807.

Service Order # _____ Pick up Date 10/ /97 Truck, Unit ID # B38

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) **Landfill** **Other** _____

SIGNATURES

S.M. Stavale 10/8/97		James Plecker
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Plecker
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3985

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5300~~ 75	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 154

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature

6.0 ppm

3986

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5360~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID # _____

Name Ogslde Trucking Co., Inc Phone (714) 632-6730

Address 3920 E. Coronado St, Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 141

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

0.0 ppm

3987

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~3000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co, Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 130

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger 10/9
Signature	Signature	Signature
S.M. Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3988

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER —

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~2650~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

DISPOSAL (Circle One)

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St, Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 103

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

Generator	Transporter	TSD Facility
S. M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

0.0 ppm

3989

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~[illegible]~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St, Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10/9/97 Truck, Unit ID # 149

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S. M. Stavale 10/9/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S M Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 8 G ppm

3990

49

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St, Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # 126

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature

0.6 PPM

3991

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5300~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St, Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/9/97 Truck, Unit ID # B12

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3992

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6300~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 136

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97	Elva	James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	Transporter	TSD Facility 0.0 ppm

3993

BOE-C6-0026655

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions _____ VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#) _____	(Circle One)	pH _____	1.	PPM ___
Volume/CY ~~Approx. 5000~~	Tank Truck	(Circle One)	2.	PPM ___
Weight/Tons Approx. ~~8890~~ 25	Dump Truck	Solid	3.	PPM ___
	Drums	Liquid	4.	PPM ___
	Cartons	Sludge	5.	PPM ___
	Other _____	Slurry		
		Other _____		

TRANSPORTER INFORMATION EPA ID # _____

Name UGALDE Trucking Co., Inc Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # _____ Pick up Date 10 / 10 / 97. Truck, Unit ID # 132

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification _____ Actual Tons _____

DISPOSAL METHOD (Circle One) Landfill Other _____

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0-0 ppm

3994

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # B11

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

3995

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~5500~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugolde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10 / 10 / 97 Truck, Unit ID # 137

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
SMStavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

0.0 ppm

3996

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6890~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co. Inc Phone (714)

Address 3920 E. Coronado St, suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97 — Name (Typed or Printed) Date

S.M. Stavale — Signature

Generator

Name (Typed or Printed) Date

Signature

Transporter

James Pledge ✓ 10/9 — Name (Typed or Printed) Date

James Pledge — Signature

TSD Facility 50 ppm

3997

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 3500~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~3000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugolde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

3998

BOE-C6-0026660

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~3000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO., INC. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807.

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 141

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale 10/8/97		James Pledger
Signature	Signature	Signature
S.M. Stavale		James Pledger
Generator	**Transporter**	**TSD Facility** 5.0 ppm

4000

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807.

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 130

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97 — Name (Typed or Printed) Date

S.M. Stavale — Signature

Generator

Name (Typed or Printed) Date

Signature

Transporter

James Pledger 10/9 — Name (Typed or Printed) Date

James Pledger — Signature

TSD Facility 0.0 ppm

4001

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730.

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/8/97 Truck, Unit ID # 103

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0 ppm

4002

BOE-C6-0026663

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — DISPOSAL (Circle One)

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY Approx. 5300	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. 6890	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugolde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 131

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
		0.0 ppm

4003

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 3380~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6800~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807.

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 129

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

4004

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER —		DISPOSAL (Circle One)		
CONTAINERS	**TYPE**	**PROPERTIES**	**COMPONENTS**	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5000~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 5000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 154

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/10/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

4005

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5800~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons ~~Approx. 8000~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name UGALDE TRUCKING CO., INC. Phone (714) 632-6730

Address 3920 E. CORONADO St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 154

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) **Landfill** **Other**

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
S.M. Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 ppm

4006

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5000~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Appros. ~~[illegible]~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/19/97 Truck, Unit ID # 103

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

Generator	Transporter	TSD Facility
S.M. Stavale 10/8/97		James Pledger 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature

00 ppm

4007

BOE-C6-0026668

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions Less than 50 ppm VOC–OVA Readings

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6500~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 141

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0 PPM

4008

Waste Management, Inc.

Non-Hazardous Waste Manifest

GENERATOR INFORMATION EPA ID # CAD086510005

Name Boeing Realty Corporation Phone 562-627-3014

Address 19503 S. Normandie Avenue

Los Angeles, CA 90502 Site Location Same

Waste Description Soil Generating Process Excavation

Handling Instructions VOC–OVA Readings Less than 50 ppm

— DAILY COVER — **DISPOSAL (Circle One)**

CONTAINERS	TYPE	PROPERTIES	COMPONENTS	
(#)	(Circle One)	pH	1.	PPM
Volume/CY ~~Approx. 5000~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~6850~~ 25	Dump Truck	Solid	3.	PPM
	Drums	Liquid	4.	PPM
	Cartons	Sludge	5.	PPM
	Other	Slurry		
		Other		

TRANSPORTER INFORMATION EPA ID #

Name Ugalde Trucking Co., Inc. Phone (714) 632-6730

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 Truck, Unit ID # 130

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-6180

Address 9081 Tujunga Avenue

Sun Valley, California 91352

VOC–OVA Verification Actual Tons

DISPOSAL METHOD (Circle One) Landfill Other

SIGNATURES

S.M. Stavale 10/8/97		James Pledger 10/9/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SM Stavale		James Pledger
Signature	Signature	Signature
Generator	**Transporter**	**TSD Facility** 0.0ppm

4009