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

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
Detection Limit:		8.0

Analyte reported as N.D. was 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 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

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 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
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-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.

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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-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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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

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
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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.

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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

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

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

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.

ORANGE COAST ANALYTICAL

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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.

ORANGE COAST ANALYTICAL

Mark Noorani
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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.

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: 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.
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Selenium	6010	0.1	N.D.
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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

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

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*

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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*

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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: 06-06-97
Reported: 06-13-97

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

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.
4-Methylphenol	106-44-5	5.0	N.D.
aphthalene	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.

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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
Sample Description: Water, Rinsate Blank *Received:* 06-03-97
Laboratory Sample #: 97060089 *Analyzed:* 06-06-97
Laboratory Reference #: MWI 9144 *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.
4-Methylphenol	106-44-5	5.0	N.D.
aphthalene	91-20-3	50	N.D.
-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.

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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.

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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.

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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

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.

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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

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 : 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

ORANGE COAST ANALYTICAL

MARK NOORANI
Laboratory Director

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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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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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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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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

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 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 1735

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-C6-0133904