104-2

Boeing Realty Corporation C-6 Facility
Los Angeles, California

Stockpile and Post-Remedial Excavation Confirmation Report Parcel A, Report No. 7 Appendices

March 1998

MONTGOMERY WATSON

Appendix A

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

QC DATA REPORT

Analysis : EPA 6010

Date of Analysis : 08/26/97 - 08/27/97
Laboratory Sample No : 97080186
Laboratory Reference No : MWI 9451A

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Arsenic (STLC)	1.6	2.0	3.7	3.9	105	115	5
Arsenic (TCLP)	0.0	10.0	10.02	9.01	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

ORANGE COAST ANALYTICAL

Mike Samiei for
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,
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

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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

Mark Noorani
Laboratory Director

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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

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 1

24 hr TAT on CI-GS-1C
24 hr TAT on Composite Sample
24 hr TAT on WL-RE1-SP1 (rinsate)
REQUIRED TAT: 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: Mc Donnell Douglas
NUMBER: 12060350.01090010
LOCATION: C-6 Facility
ADDRESS: 19503 S. Normandie Ave. Los Angeles, CA
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-1 COMP ~~1.5'~~ AWN													X	X	24 hr TAT *Composite of CI-GS-1A, 1B, 1C 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			
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:
Tran Vargas	8/13/97 1620		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	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 for d[illegible]sal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0033002

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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 : 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 : 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 : 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 : 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 :

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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
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MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
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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 : 08/15/97
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

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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 :

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PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
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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

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 : 08/14/97
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

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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.

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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.

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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

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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: 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.

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Laboratory Director

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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

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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: 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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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

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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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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, 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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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.

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 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

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: 08/20/97
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

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, WL-RE1-SP1
Laboratory Sample Number: 97080186
Laboratory Reference #: MWI 9451

Sampled: 08/13/97
Received: 08/13/97
Analyzed: 08/14/97
Reported: 08/14/97

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	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

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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

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
97080188	CI-GS-1COMP	16

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-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

Mark Noorani
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Anal. Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

Rush 24 hr TAT on WL-GS-1-2' ASAP
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-Bldg. 37 Area
	Pasadena, CA 91101	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	PRESERVATION	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 2 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. Voms	6/11/97 1525		
		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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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

ORANGE COAST ANALYTICAL

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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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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 : 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 : 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 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

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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

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 : 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

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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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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: 06/16/97
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.

ORANGE COAST ANALYTICAL

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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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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: 06/11/97
Recevied: 06/11/97
Analyzed: 06/16/97
Reported: 06/20/97

Laboratory Sample Number: 97060328
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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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

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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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.

ORANGE COAST ANALYTICAL

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

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

Sampled: 06/11/97
Received: 06/11/97
Analyzed: 06/16/97
Reported: 06/20/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060328
Laboratory Reference #: MWI 9190

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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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

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, 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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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, 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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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

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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: 06/19/97
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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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

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: 06/11/97
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.

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 9190

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 06/13/97
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.

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

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.

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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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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

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, 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.
enzo(g,h,i)perylene	191-24-2	250	N.D.
enzo(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.
,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
,4-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

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.

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Mark Noorani
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Surrogate Recoveries	*%*
Dibromofluoromethane	*90*
Toluene-d8	*104*
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

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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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

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.

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ATTN: Mr. Fred Strauss
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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: 418.1

Sampled: 08/19/97
Sample Description: Soil,
Received: 08/19/97
Analyzed: 08/20/97
Laboratory Reference #: MWI 9467
Reported: 08/20/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97080279	B44-GS-1-4'	N.D.
97080280	B44-GS-2-4'	N.D.
97080281	B44-GS-3-4'	N.D.
97080282	B44-GS-4-4'	N.D.
97080283	B44-GS-5-2'	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 9467

Sampled: 08/19/97
Recevied: 08/19/97
Analyzed: 08/22/97
Reported: 08/26/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Extractable Hydrocarbons (mg/kg)
97080283	B44-GS-5-2'	12

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 9467

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/20/97
Reported: 08/26/97

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

Laboratory Sample Number	Client Sample Number	Volatile Fuel Hydrocarbons (mg/kg) (ppm)
97080283	B44-GS-5-2'	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.

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, B44-GS-5-2'

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/26/97

Laboratory Sample Number: 97080283
Laboratory Reference #: MWI 9467

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	8.3	<---
Copper	6010	25	2500	0.1	16	<---
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	32	<---
Zinc	6010	250	5000	0.1	47	<---

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: Boeing (Formerly MDRC)
Client Project #: 1206035.01090010

Sample Description: Soil, B44-GS-5-2'
Laboratory Sample Number: 97080283
Laboratory Reference #: MWI 9467

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/26/97

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, B44-GS-5-2'
Laboratory Sample #: 97080283

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

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Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	96
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

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/26/97
Reported: 08/26/97

Sample Description: Soil, B44-GS-5-2'
Laboratory Sample Number: 97080283
Laboratory Reference #: MWI 9467

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.

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

Sample Description: Soil, B44-GS-5-2'
Laboratory Sample #: 97080283

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: Boeing (Formerly MDRC)
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, B44-GS-5-2'
Laboratory Sample #: 97080283
Laboratory Reference #: MWI 9467

Sampled: 08/19/97
Recevied: 08/19/97
Analyzed: 08/22/97
Reported: 08/29/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	0.7
C 13-22	5.8
C 23 & Higher	5.8
Total	12

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, B44-GS-5-2'

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/26/97

Laboratory Sample Number: 97080283
Laboratory Reference #: MWI 9467

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 9467

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/27/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97080284	Equip Blank	N.D.
97080285	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

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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

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9467

Sampled: 08/19/97
Recevied: 08/19/97
Analyzed: 08/25/97
Reported: 08/27/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Extractable Hydrocarbons (mg/l)
97080284	Equip Blank	N.D.
97080285	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
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9467

Sampled: 08/19/97
Recevied: 08/19/97
Analyzed: 08/27/97
Reported: 08/28/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Volatile Fuel Hydrocarbons (ug/l) (ppb)*
97080284	Equip Blank	N.D.
97080285	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: 08/19/97
Received: 08/19/97
Analyzed: 08/20/97
Reported: 08/27/97

Laboratory Sample Number: 97080284
Laboratory Reference #: MWI 9467

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: 08/19/97
Received: 08/19/97
Analyzed: 08/20/97
Reported: 08/27/97

Laboratory Sample Number: 97080285
Laboratory Reference #: MWI 9467

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: 97080284
Laboratory Reference #: MWI 9467

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/27/97

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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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, Equip Blank
Laboratory Sample #: 97080284

ANALYTE	CAS NUMBER	DETECTION Limit (ug/1)	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	108
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: 97080285
Laboratory Reference #: MWI 9467

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/27/97

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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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 #: 97080285

ANALYTE	CAS NUMBER	DETECTION Limit (ug/1)	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	107
4-Bromofluorobenzene	105

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: 97080286
Laboratory Reference #: MWI 9467

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/27/97

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 #: 97080286

ANALYTE	CAS NUMBER	DETECTION Limit (ug/1)	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	106
Toluene-d8	107
4-Bromofluorobenzene	103

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: 08/19/97
Received: 08/19/97
Analyzed: 08/27/97
Reported: 08/27/97

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97080284
Laboratory Reference #: MWI 9467

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

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97080284

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

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/27/97
Reported: 08/27/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97080285
Laboratory Reference #: MWI 9467

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 #: 97080285

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: 08/19/97
Received: 08/19/97
Analyzed: 08/22/97
Reported: 08/27/97

Laboratory Sample Number: 97080284
Laboratory Reference #: MWI 9467

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
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/22/97
Reported: 08/27/97

Laboratory Sample Number: 97080285
Laboratory Reference #: MWI 9467

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
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/27/97

Laboratory Sample Number: 97080284
Laboratory Reference #: MWI 9467

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: 08/19/97
Received: 08/19/97
Analyzed: 08/21/97
Reported: 08/27/97

Laboratory Sample Number: 97080285
Laboratory Reference #: MWI 9467

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 Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 08/27/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9467

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	210	220	84	88	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 : 08/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9467

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 : 08/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9467

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	98	105	98	105	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 : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 08/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9467

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	98	105	98	105	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 : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 08/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9467

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	1.9	2.2	38	44	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 : 08/26/97
Laboratory Sample No : 97080333
Laboratory Reference No : MWI 9467

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	30	23	60	46	26
n-Nitroso-di-n-propylamine	0.0	50	30	29	60	58	3
1,2,4-Trichlorobenzene	0.0	50	32	26	64	52	21
Acenaphthene	0.0	50	32	27	64	54	17
Pyrene	0.0	50	36	29	72	58	22
Pentachlorophenol	0.0	100	41	47	41	47	14
4-Chloro-3-Methylphenol	0.0	100	43	50	43	50	15
2-Chlorophenol	0.0	100	39	43	39	43	10
Phenol	0.0	100	35	38	35	38	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 : 08/27/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9467

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	25	25	50	50	0
n-Nitroso-di-n-propylamine	0.0	50	39	37	78	74	5
1,2,4-Trichlorobenzene	0.0	50	29	30	58	60	3
Acenaphthene	0.0	50	37	37	74	74	0
Pyrene	0.0	50	41	41	82	82	0
Pentachlorophenol	0.0	100	72	70	72	70	3
4-Chloro-3-Methylphenol	0.0	100	54	41	54	41	27
2-Chlorophenol	0.0	100	64	59	64	59	8
Phenol	0.0	100	22	19	22	19	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 : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/21/97
Laboratory Sample No : 97080304
Laboratory Reference No : MWI 9467

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	17	90	85	6
1,1-Dichloroethene	0.0	20	18	17	90	85	6
Trichloroethene	0.0	20	17	16	85	80	6
Toluene	0.0	20	19	18	95	90	5
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 : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 08/21/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9467

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	50	50	100	100	0
1,1-Dichloroethene	0.0	50	47	49	94	98	4
Trichloroethene	0.0	50	46	47	92	94	2
Toluene	0.0	50	51	54	102	108	6
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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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 08/21/97
Laboratory Sample No : 97080176
Laboratory Reference No : MWI 9467

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	220	180	88	72	20

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 : 08/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9467

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 : 08/22/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9467

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	0.76	0.78	76	78	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

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 : 08/20/97
Laboratory Sample No : 97080189
Laboratory Reference No : MWI 9467

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 : Metals

Date of Analysis : 08/21/97
Laboratory Sample No : 97080299
Laboratory Reference No : MWI 9467

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	10.9	10.5	109	105	4
Barium	8.3	10.0	18.6	18.3	103	100	2
Beryllium	0.00	1.00	1.00	0.98	100	98	2
Cadmium	0.00	1.00	1.00	1.00	100	100	0
Chromium (Total)	2.10	5.00	7.20	6.70	102	92	7
Chromium (VI)	0.00	1.00	0.91	0.88	91	88	3
Cobalt	0.52	1.00	1.50	1.40	98	88	7
Copper	1.20	1.00	2.20	2.20	100	100	0
Lead	0.00	10.0	9.6	9.1	96	91	5
Mercury	0.000	0.020	0.019	0.020	95	100	5
Molybdenum	0.0	10.0	10.2	10.1	102	101	1
Nickel	0.93	5.00	5.6	5.3	93	87	6
Selenium	0.0	10.0	10.3	10.1	103	101	2
Silver	0.0	5.0	4.9	5.0	98	100	2
Thallium	0.0	30.0	26.7	25.1	89	84	6
Vanadium	2.3	5.0	7.6	7.4	106	102	3
Zinc	3.5	5.0	8.5	8.5	100	100	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 : 08/20/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9467

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	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

ORANGE COAST ANALYTICAL

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 1

REQUIRED TAT: 24 hr TAT on Soil 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	LOCATION:	BLDG 44 AREA
	Pasadena, CA 91101	ADDRESS:	19503 S. Normandie Ave.
			Los Angeles, CA
PHONE:	818-568-6582 FAX: 818-796-5941	SAMPLED BY:	AWN/IV/CW

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	VOCs 8260	SVOCs 8270	Carbon Chain	Title 22 Metals	8015 gas	8015 diesel	PCBs 8080	Pesticides 8080	REMARKS/PRECAUTIONS
B44-GS-1-4'	2	8/19/97	1150	SOIL	2"x6" SS SLEEVE	ICE	X				X					
B44-GS-2-4'	2		1255				X				X					
B44-GS-3-4'	2		1320				X				X					
B44-GS-4-4'	2		1331				X				X					
B44-GS-5-2'	2		1400				X	X	X	X	X	X	X	X		
Equipment Blank	9		1445	WATER	5 amber 1 Poly 3 VOAs	none none HCl	X	X	X		X	X	X	X	X	
Rinsate Blank	9		1455				X	X	X		X	X	X	X	X	
Trip Blank	2		—		2 VOAs	HCl		X								

Total No. of Samples: 8

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Adam Vernon	8/19/97 1505 hrs		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible signature]	8/19/97 15:0[illegible]

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-C6-0033129

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

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/04/97
Reported: 09/04/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97090031	B44-GS-6-8'	12
97090032	B44-RE1-SP1	22
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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil, B44-RE1-SP1

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/05/97
Reported: 09/12/97

Laboratory Sample Number: 97090032
Laboratory Reference #: MWI 9516

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	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	11
Cobalt	6010	80	8000	0.5	7.3
Copper	6010	25	2500	0.1	13
Lead	6010	5.0	1000	1.0	5.3
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	6.5
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	21
Zinc	6010	250	5000	0.1	39

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: The Boeing company
Client Project #: 1206035.01090010

Sample Description: Soil, B44-RE1-SP1
Laboratory Sample Number: 97090032
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/05/97
Reported: 09/12/97

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, B44-RE1-SP1
Laboratory Sample #: 97090032

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	93
Toluene-d8	103
4-Bromofluorobenzene	92

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

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil, B44-RE1-SP1
Laboratory Sample Number: 97090032
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

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	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, B44-RE1-SP1
Laboratory Sample #: 97090032

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: The Boeing Company
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/11/97
Reported: 09/12/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97090033	Equip Blank	N.D.
97090034	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.
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: The Boeing Comapny
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/10/97
Reported: 09/12/97

Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/10/97
Reported: 09/12/97

Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

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 #: 97090033

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	101
4-Bromofluorobenzene	91

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/05/97
Reported: 09/12/97

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 #: 97090034

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	104
4-Bromofluorobenzene	92

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

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97090035
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/05/97
Reported: 09/12/97

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 #: 97090035

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	95

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

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

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 #: 97090033

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: The Boeing Company
Client Project #: 1206035.01090010

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

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 #: 97090034

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 09/03/97
Recevied: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

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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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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Sample Description: Water, Equip Blank

Sampled: 09/03/97
Recevied: 09/03/97
Analyzed: 09/10/97
Reported: 09/12/97

Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

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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Pasadena, CA 91101

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 09/03/97
Recevied: 09/03/97
Analyzed: 09/10/97
Reported: 09/12/97

Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

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 : PCB 'S (EPA 8080)

Date of Analysis : 09/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9516

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	11	12	55	60	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 : 09/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9516

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	0.64	0.67	64	67	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 : 09/05/97
Laboratory Sample No : 97090031
Laboratory Reference No : MWI 9516

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	54	54	108	108	0
Trichloroethene	0.0	50	49	49	98	98	0
Toluene	0.0	50	52	53	104	106	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 : 09/09/97
Laboratory Sample No : 97090033
Laboratory Reference No : MWI 9516

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	20	90	100	11
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	17	17	85	85	0
Toluene	0.0	20	19	20	95	100	5
Chlorobenzene	0.0	20	18	19	90	95	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 : 09/04/10/11/97
Laboratory Sample No : 97090033, 97090034
Laboratory Reference No : MWI 9516

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.90	3.30	97	110	13
Arsenic	0.00	1.00	1.20	1.40	120	140	15
Barium	0.00	1.00	1.20	1.30	120	130	8
Beryllium	0.00	0.100	0.100	0.110	100	110	10
Cadmium	0.00	0.100	0.110	0.120	110	120	9
Chromium (VI)	0.00	0.50	0.48	0.46	96	92	4
Chromium (Total)	0.00	1.000	0.660	0.710	66	71	7
Cobalt	0.00	0.100	0.120	0.120	120	120	0
Copper	0.000	0.100	0.100	0.110	100	110	10
Lead	0.00	1.00	1.20	1.20	120	120	0
Mercury	0.000	0.020	0.020	0.021	100	105	5
Molybdenum	0.00	1.00	1.00	1.20	100	120	18
Nickel	0.00	0.50	0.54	0.59	108	118	9
Selenium	0.00	2.00	1.72	2.10	86	105	20
Silver	0.00	0.50	0.43	0.46	86	92	7
Thallium	0.00	3.00	3.00	3.20	100	107	6
Vanadium	0.00	0.50	0.46	0.53	92	106	14
Zinc	0.000	1.000	0.670	0.810	67	81	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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 09/04/05/08/97
Laboratory Sample No : 97090041, 97090031
Laboratory Reference No : MWI 9516

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	26.5	26.1	88	87	2
Arsenic	0.0	10.0	8.2	8.2	82	82	0
Barium	7.5	10.0	16.5	16.7	90	92	1
Beryllium	0.00	1.00	0.83	0.84	83	84	1
Cadmium	0.00	1.00	0.78	0.79	78	79	1
Chromium (Total)	1.30	5.00	6.40	6.40	102	102	0
Chromium (VI)	0.00	1.00	1.06	1.01	106	101	5
Cobalt	1.00	1.00	1.84	1.86	84	86	1
Copper	1.30	1.00	2.16	2.18	86	88	1
Lead	0.28	10.0	9.0	9.0	87	87	0
Mercury	0.000	0.020	0.020	0.020	100	100	0
Molybdenum	0.0	10.0	10.0	10.0	100	100	0
Nickel	0.93	5.00	4.2	4.3	65	67	2
Selenium	0.0	10.0	9.3	9.4	93	94	1
Silver	0.0	5.0	4.9	4.9	98	98	0
Thallium	0.0	30.0	31.0	31.0	103	103	0
Vanadium	2.9	5.0	7.5	7.5	92	92	0
Zinc	3.6	5.0	8.4	8.4	96	96	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 : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 09/04/97
Laboratory Sample No : 97080461
Laboratory Reference No : MWI 9516

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	101	102	101	102	1

Definition of Terms :

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PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 09/11/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9516

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.1	2.2	84	88	5

Definition of Terms :

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QC DATA REPORT

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

Date of Analysis : 09/09/97
Laboratory Sample No : 97090031
Laboratory Reference No : MWI 9516

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	43	84	86	2
n-Nitroso-di-n-propylamine	0.0	50	52	52	104	104	0
1,2,4-Trichlorobenzene	0.0	50	44	47	88	94	7
Acenaphthene	0.0	50	46	47	92	94	2
Pyrene	0.0	50	50	48	100	96	4
Pentachlorophenol	0.0	100	84	82	84	82	2
4-Chloro-3-Methylphenol	0.0	100	94	91	94	91	3
2-Chlorophenol	0.0	100	77	74	77	74	4
Phenol	0.0	100	68	67	68	67	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 : 09/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9516

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	51	48	102	96	6
1,2,4-Trichlorobenzene	0.0	50	39	40	78	80	3
Acenaphthene	0.0	50	44	45	88	90	2
Pyrene	0.0	50	46	48	92	96	4
Pentachlorophenol	0.0	100	79	86	79	86	8
4-Chloro-3-Methylphenol	0.0	100	77	91	77	91	17
2-Chlorophenol	0.0	100	73	82	73	82	12
Phenol	0.0	100	29	32	29	32	10

Definition of Terms :

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PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
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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

REQUIRED TAT: Standard TAT

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
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:	626-568-6582 FAX: 626-796-5941	SAMPLED BY:	AWN/IV/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			REMARKS/PRECAUTIONS
B44-GS-6-8'	2	9/3/97	1455	SOIL	2"x6" SS SLEEVE	ICE	X	X	X	X					
B44-RE1-SP1	2	9/3/97	1440	↓	↓	↓	X	X	X	X					
Equipment Blank	2	9/3/97	1530	WATER	4 amber 1 Poly 2 VOAs	none HNO3 HCl	X	X	X	X	X	X			
Rinsate Blank	2	9/3/97	1545	↓	↓	↓	X	X	X	X	X	X			
Trip Blank	2	9/3/97	—	↓	2 VOAs	HCl			X						

Total No. of Samples: 5

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vings	9/3/97 1610		
		Received For Lab By: [signature]	9/3/97 16:10

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]osal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0033163

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LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.0109001

Project Name: The Boeing Company

Laboratory Reference: MWI 9646

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals

Date Sampled: 10/13/97
Date Received: 10/13/97
Date Reported: 10/21/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

MWI 9646

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100213	97100214	97100215	97100216	97100217	LAB SAMP NO.	R1	T CONC
							SAMP TYPE	S	S	W	W	W	QC(S)		
							RES CODE	PP01	PP01	BF11	BR11	BT11			
							SAMP ID	B44-GS-7-8'	B44-RE1-SP2	EQUIP BLANK	RINSATE BLANK	TRIP BLANK			
							SAMP DATE	10/13/97	10/13/97	10/13/97	10/13/97	10/13/97			
							SAMP TIME	13:10	13:38	14:45	15:00				
							SAMP DEPTH	8'							
							PRESERVED			, N, H	, N, H	, N, H			
							ICED	Y	Y	Y	Y	Y			
							RECEIVED	10/13/97	10/13/97	10/13/97	10/13/97	10/13/97			
							REC TIME	15:05	15:05	15:05	15:05	15:05			
							BASIS	W	W	W	W	W			
							Tested	10/14/97	10/14/97	10/20/97	10/20/97		10/14/97		
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons	<	40	<	<		97090672	0.0	100
							Tested	10/15/97	10/15/97	10/15/97	10/15/97		10/15/97		
6010	5.0	0.5		T		ppm	Antimony	<	<	<	<		97100213	0.0	30.0
6010	1.0	0.1		T		ppm	Arsenic	<	<	<	<		97100213	0.0	10.0
6010	0.1	0.01		T		ppm	Barium	67	110	<	<		97100213	6.7	10.0
6010	0.1	0.01		T		ppm	Beryllium	<	<	<	<		97100213	0.00	1.00
6010	0.1	0.01		T		ppm	Cadmium	<	<	<	<		97100213	0.00	1.00
							Tested	10/14/97	10/14/97	10/14/97	10/14/97		10/14/97		
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<		97100214	0.00	1.00
							Tested	10/15/97	10/15/97	10/15/97	10/15/97		10/15/97		
6010	0.1	0.01		T		ppm	Chromium Total	24	29	<	<		97100213	2.40	5.00
6010	0.5	0.1		T		ppm	Cobalt	5.4	6.5	<	<		97100213	0.54	1.00
6010	0.1	0.01		T		ppm	Copper	9.1	12	<	<		97100213	0.90	1.00
6010	1.0	0.1		T		ppm	Lead	<	<	<	<		97100213	0.00	10.0
							Tested	10/14/97	10/14/97	10/14/97	10/14/97		10/15/97		
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<		97100232	0.000	0.020
							Tested	10/15/97	10/15/97	10/15/97	10/15/97		10/15/97		
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<		97100213	0.0	10.0
6010	0.5	0.1		T		ppm	Nickel	8.0	8.5	<	<		97100213	0.80	5.00
6010	1.0	0.1		T		ppm	Selenium	<	<	<	<		97100213	0.0	10.0
6010	0.1	0.1		T		ppm	Silver	<	<	<	<		97100213	0.0	5.0
6010	5.0	0.5		T		ppm	Thallium	<	<	<	<		97100213	0.0	30.0
6010	0.5	0.1		T		ppm	Vanadium	26	32	<	<		97100213	2.6	5.0
6010	0.1	0.01		T		ppm	Zinc	48	46	<	<		97100213	4.8	5.0
							Tested	10/15/97	10/15/97	10/17/97	10/17/97	10/17/97	10/15/97		
							Dilution Factor	1	1	1	1	1			
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	<	97100214	0.0	50

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8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<	<				
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<	<				
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<	<				
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<	<				
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<	<				
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<	<				
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<	<				
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<	<				
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<	<				
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<	<				
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<	<	<	<	<				
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<	<				
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	3.3	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<	<				
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<	<				
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<	<				
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<	<				
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<	<				
8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<	<	<	<	<				
8260	2.5	0.5	100-42-5	T		ppb	Styrene	<	<	<	<	<				
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<				
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene	<	<	<	<	<				
8260	2.5	0.5	108-88-3	T		ppb	Toluene	<	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane	<	<	<	<	<				
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane	<	<	<	<	<				
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene	10	<	<	<	<	97100214	0.0	50	
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane	<	<	<	<	<				
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate	<	<	<	<	<				
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride	<	<	<	<	<				
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes	<	<	<	<	<				
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane	<	<	<	<	<				
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<	<	<	<	<				
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane	<	<	<	<	<				
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane	<	<	<	<	<				
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<	<	<	<	<				
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane	<	<	<	<	<				
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane	<	<	<	<	<				
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane	<	<	<	<	<				
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene	<	<	<	<	<				
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<				
8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane	<	<	<	<	<				
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene	<	<	<	<	<				
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene	<	<	<	<	<				
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene	<	<	<	<	<				
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene	<	<	<	<	<				

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8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene	<	<	<	<	<				
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene	<	<	<	<	<				
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene	<	<	<	<	<				
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene	<	<	<	<	<				
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene	<	<	<	<	<				
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<	<				
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<	<				
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene	<	<	<	<	<				
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<	<				
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA	<	<	<	<	<				
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<	<				
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<	<				
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene	<	<	<	<	<				
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	<	<	<	<	<				
					T	%	Dibromofluoromethane	109	109	109	111	114				
					T	%	Toluene-d8	93	88	96	89	88				
					T	%	4-Bromofluorobenzene	97	80	92	89	88				
							Tested	10/15/97	10/15/97	10/16/97	10/16/97		10/15/97			
							Dilution Factor	1	1	1	1					
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	<	<	<	<		97100213	0.0	50	
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene	<	<	<	<					
8270	100	5.0	62-53-3	T		ppb	Aniline	<	<	<	<					
8270	100	5.0	120-12-7	T		ppb	Anthracene	<	<	<	<					
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<	<	<	<					
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene	<	<	<	<					
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene	<	<	<	<					
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene	<	<	<	<					
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene	<	<	<	<					
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene	<	<	<	<					
8270	100	50	100-51-6	T		ppb	Benzyl alcohol	<	<	<	<					
8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane	<	<	<	<					
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether	<	<	<	<					
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether	<	<	<	<					
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate	<	<	<	<					
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether	<	<	<	<					
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate	<	<	<	<					
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline	<	<	<	<					
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene	<	<	<	<					
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol	<	<	<	<		97100213	0.0	100	
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol	<	<	<	<		97100213	0.0	100	
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter	<	<	<	<					
8270	100	5.0	218-0109	T		ppb	Chrysene	<	<	<	<					
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene	<	<	<	<					
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran	<	<	<	<					

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8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate	<	<	<	<				
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<				
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<		97100213	0.0	50
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<				
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine	<	<	<	<				
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol	<	<	<	<				
8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate	<	<	<	<				
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol	<	<	<	<				
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate	<	<	<	<				
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol	<	<	<	<				
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol	<	<	<	<				
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene	<	<	<	<				
8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene	<	<	<	<				
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate	<	<	<	<				
8270	100	5.0	206-44-0	T		ppb	Fluoranthene	<	<	<	<				
8270	100	5.0	86-73-7	T		ppb	Fluorene	<	<	<	<				
8270	100	5.0	118-74-1	T		ppb	Hexachlorobenzene	<	<	<	<				
8270	100	5.0	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<				
8270	100	5.0	77-47-4	T		ppb	Hexachlorocyclopentadiene	<	<	<	<				
8270	100	5.0	67-72-1	T		ppb	Hexachloroethane	<	<	<	<				
8270	250	25	193-39-5	T		ppb	Indeno(1,2,3-cd)pyrene	<	<	<	<				
8270	100	5.0	78-59-1	T		ppb	Isophorone	<	<	<	<				
8270	100	5.0	91-57-6	T		ppb	2-Methylnaphthalene	<	<	<	<				
8270	100	5.0	95-48-7	T		ppb	2-Methylphenol	<	<	<	<				
8270	100	5.0	106-44-5	T		ppb	4-Methylphenol	<	<	<	<				
8270	100	5.0	91-20-3	T		ppb	Naphthalene	<	<	<	<				
8270	250	50	88-74-4	T		ppb	2-Nitroaniline	<	<	<	<				
8270	250	50	99-09-2	T		ppb	3-Nitroaniline	<	<	<	<				
8270	250	50	100-01-6	T		ppb	4-Nitroaniline	<	<	<	<				
8270	100	5.0	98-95-3	T		ppb	Nitrobenzene	<	<	<	<				
8270	100	5.0	88-75-5	T		ppb	2-Nitrophenol	<	<	<	<				
8270	100	50	100-02-7	T		ppb	4-Nitrophenol	<	<	<	<				
8270	100	5.0	86-30-6	T		ppb	N-Nitrosodiphenylamine	<	<	<	<				
8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine	<	<	<	<		97100213	0.0	50
8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine	<	<	<	<				
8270	250	50	87-86-5	T		ppb	Pentachlorophenol	<	<	<	<		97100213	0.0	100
8270	100	5.0	85-01-8	T		ppb	Phenanthrene	<	<	<	<				
8270	100	5.0	108-95-2	T		ppb	Phenol	<	<	<	<		97100213	0.0	100
8270	100	5.0	129-00-0	T		ppb	Pyrene	<	<	<	<		97100213	0.0	50
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<		97100213	0.0	50
8270	100	5.0	95-95-4	T		ppb	2,4,5-Trichlorophenol	<	<	<	<				
8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol	<	<	<	<				
							Tested	10/17/97		10/17/97	10/17/97		10/17/97		
							Dilution Factor	1		1	1				
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<		<	<				

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8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<		<	<				
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<		<	<				
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<		<	<				
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<		<	<				
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<		<	<				
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	<		<	<		97100231	0.0	250
							Tested			10/17/97	10/17/97				
							Dilution Factor			1	1				
8080	1 0	0.1	309-00-2	T		ppb	Aldrin			<	<				
8080	1 0	0 2	319-84-6	T		ppb	alpha-BHC			<	<				
8080	1 0	0.2	319-85-7	T		ppb	beta-BHC			<	<				
8080	2 0	0 2	319-86-8	T		ppb	gamma-BHC			<	<				
8080	1 0	0.2	58-89-9	T		ppb	gamma-BHC (Lindane)			<	<				
8080	10	0.2	57-74-9	T		ppb	Chlordane			<	<				
8080	2 0	0 5	72-54-9	T		ppb	4,4'-DDD			<	<				
8080	5 0	0.1	72-55-9	T		ppb	4,4'-DDE			<	<				
8080	1 0	0 1	50-29-3	T		ppb	4,4'-DDT			<	<				
8080	2 0	0 5	60-57-1	T		ppb	Dieldrin			<	<				
8080	1.0	0 5	959-98-8	T		ppb	Endosulfan I			<	<				
8080	2 0	0.5	33213-65-9	T		ppb	Endosulfan II			<	<				
8080	10	0.5	1031-07-8	T		ppb	Endosulfan sulfate			<	<				
8080	2 0	0.02	72-20-8	T		ppb	Endrin			<	<				
8080	2.0	0.2	7421-93-4	T		ppb	Endrin aldehyde			<	<				
8080	1 0	0.1	76-44-8	T		ppb	Heptachlor			<	<				
8080	1.0	0 2	1024-57-3	T		ppb	Heptachlor epoxide			<	<				
8080	30	9.0	72-43-5	T		ppb	Methoxychlor			<	<				
8080	35	0 5	8001-35-2	T		ppb	Toxaphene			<	<				

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					QC(W)							
SL	DL	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL	DL	RECOVER	D RECOVER	RPD
					10/20/97							
110	110	110	110	0	OCA 100	0.0	2.5	2.5	2.4	100	96	4
					10/15/97							
27.0	36.0	90	120	29	97100182	0.00	3.00	3.00	3.00	100	100	0
11.0	11.0	110	110	0	97100182	0.00	1.00	1.10	1.20	110	120	9
17.0	17.0	103	103	0	97100182	0.00	1.00	1.100	1.100	110	110	0
0.88	0.90	88	90	2	97100182	0.00	0.100	0.11	0.10	110	100	10
0.93	0.97	93	97	4	97100182	0.00	0.100	0.11	0.11	110	110	0
					10/14/97							
0.90	0.89	90	89	1	OCA 100	0.00	0.50	0.46	0.48	92	96	4
					10/15/97							
6.90	7.10	90	94	3	97100182	0.00	0.500	0.56	0.60	112	120	7
1.40	1.40	86	86	0	97100182	0.00	0.100	0.09	0.09	87	87	0
1.70	1.80	80	90	6	97100182	0.00	0.100	0.094	0.090	94	90	4
8.50	8.20	85	82	4	97100182	0.00	1.00	1.10	0.95	110	95	15
					10/14/97							
0.019	0.020	95	100	5	OCA 100	0.000	0.020	0.020	0.021	100	105	5
					10/15/97							
9.9	9.8	99	98	1	97100182	0.00	1.00	1.10	1.00	110	100	10
5.30	5.20	90	88	2	97100182	0.00	0.50	0.46	0.49	92	98	6
9.3	11.0	93	110	17	97100182	0.00	1.00	1.20	1.10	120	110	9
4.3	5.0	86	100	15	97100182	0.00	0.50	0.52	0.53	104	106	2
26.0	26.0	87	87	0	97100182	0.00	3.00	3.20	3.30	107	110	3
7.1	7.6	90	100	7	97100182	0.00	0.50	0.52	0.52	104	104	0
9.6	9.7	96	98	1	97100182	0.00	0.500	0.620	0.620	124	124	0
					10/17/97 1							
46	47	92	94	2	97100217	0.0	20	21	21	105	105	0

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50	52	100	104	4	97100217	0 0	20	20	20	100	100	0
40	44	80	88	10	97100217	0 0	20	27	27	135	135	0
45	47	90	94	4	97100217	0 0	20	20	20	100	100	0
58	61	116	122	5	97100217	0 0	20	23	22	115	110	4

BOE-C6-0033171

					10/16/97							
40	43	80	86	7	OCA 100	0.0	50			0	0	#DIV/0!
64	70	64	70	9	OCA 100	0.0	100			0	0	#DIV/0!
66	70	66	70	6	OCA 100	0.0	100			0	0	#DIV/0!

BOE-C6-0033172

37	39	74	78	5	OCA 100	0 0	50			0	0	#DIV/0!
40	41	80	82	2	OCA 100	0.0	50			0	0	#DIV/0!
67	74	67	74	10	OCA 100	0.0	100			0	0	#DIV/0!
59	63	59	63	7	OCA 100	0.0	100	22	23	22	23	4
48	51	96	102	6	OCA 100	0.0	50	49	57	98	114	15
41	45	82	90	9	OCA 100	0.0	50	23	22	46	44	4
					10/17/.97							

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150	130	60	52	14	OCA 100 10/17/97	0.0	20	8 8	11	44	55	22
					OCA 100	0.0	1.0	0 80	0 72	80	72	11

BOE-C6-0033174

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

REQUIRED TAT: 24 hr TAT on Soil TRPH Standard TAT Otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
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:	(626)568-6582 FAX: (626)796-5941	SAMPLED BY:	IV/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			REMARKS/PRECAUTIONS
B44-GS-7-8'	2	10/13/97	1310	SOIL	2"x6" SS SLEEVE	ICE	X	X	X	X					
B44-RE1+SP2	2		1338	SOIL			X	X	X	X					
Equipment Blank	7		1445	WATER	Amber Poly 2 vials	none HNO3 HCl	X	X	X	X	X	X			
Rinsate Blank	7		1500	WATER			X	X	X	X	X	X			
Trip Blank	2		—	WATER	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:
Ivan Vargas	10/13/97 1505		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 10/13/97 15:05

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 [illegible] sposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0033175

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9674

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals

Date Sampled: 10/23/97
Date Received: 10/23/97
Date Reported: 10/31/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100345	97100346	97100347	97100348	97100349	97100350	97100351	97100352
							SAMP TYPE	S	S	S	S	S	S	W	W
							RES CODE	PP01	PP01	PP01	PP01	PP01	PP01	BF11	BR11
							SAMP ID	B37C3-GS-1-5'	B37C3-GS-2-5'	B37C3-GS-3-5'	B37C3-GS-4-5'	B61C1-SL-1	B44-RE1-SP2A	EQUIP BLANK	RINSATE BLANK
							SAMP DATE	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97
							SAMP TIME	7:55	8:40	8:55	9:05	10:45	11:40	14:45	15:00
							SAMP DEPTH	5'	5'	5'	5'				
							PRESERVED							, N, H	, N, H
							ICED	Y	Y	Y	Y	Y	Y	Y	Y
							RECEIVED	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97	10/23/97
							REC TIME	15:10	15:10	15:10	15:10	15:10	15:10	15:10	15:10
							BASIS	W	W	W	W	W	W	W	W
							Tested	10/24/97	10/24/97	10/24/97	10/24/97	10/24/97		10/27/97	10/27/97
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons	15,000	25,000	22,000	21,000	2,600		<	<
							Tested	10/27/97	10/27/97	10/27/97	10/27/97	10/27/97		10/27/97	10/27/97
6010	5.0	0.5		T		ppm	Antimony	<	<	<	<	<		<	<
6010	1.0	0.1		T		ppm	Arsenic	<	<	<	<	<		<	<
6010	0.1	0.01		T		ppm	Barium	120	94	140	130	130		<	<
6010	0.1	0.01		T		ppm	Beryllium	<	<	<	<	<		<	<
6010	0.1	0.01		T		ppm	Cadmium	<	<	<	<	3.4		<	<
							Tested	10/24/97	10/24/97	10/24/97	10/24/97	10/24/97		10/24/97	10/24/97
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<	<		<	<
							Tested	10/27/97	10/27/97	10/27/97	10/27/97	10/27/97		10/27/97	10/27/97
6010	0.1	0.01		T		ppm	Chromium Total	23	17	5.6	8.0	110		<	<
6010	0.5	0.1		T		ppm	Cobalt	7.1	3.8	1.1	2.2	3.7		<	<
6010	0.1	0.01		T		ppm	Copper	10	11	3.5	5.2	85		<	<
6010	1.0	0.1		T		ppm	Lead	<	1.4	2.3	<	37		<	<
							Tested	10/28/97	10/28/97	10/28/97	10/28/97	10/28/97		10/28/97	10/28/97
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<	<		<	<
							Tested	10/27/97	10/27/97	10/27/97	10/27/97	10/27/97		10/27/97	10/27/97
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<	<		<	<
6010	0.5	0.1		T		ppm	Nickel	10	7.4	4.1	5.0	6.1		<	<
6010	1.0	0.1		T		ppm	Selenium	<	<	<	<	<		<	<
6010	0.1	0.1		T		ppm	Silver	<	<	<	<	<		<	<
6010	5.0	0.5		T		ppm	Thallium	<	<	<	<	<		<	<
6010	0.5	0.1		T		ppm	Vanadium	27	20	11	12	15		<	<
6010	0.1	0.01		T		ppm	Zinc	33	82	20	32	420		<	<
STLC				S		ppm									
TCLP				C		ppm									
							Tested	10/28/97	10/30/97	10/28/97	10/28/97	10/30/97		10/28/97	10/28/97
							Dilution Factor	20	20	20	20	20		1	1
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	<		<	<
8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<	<		<	<
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<	<		<	<

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8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<	<		<	<
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<	<		<	<
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<	<		<	<
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	<		<	<
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<	<		<	<
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<	<		<	<
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<	<		<	<
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<	<		<	<
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<	<		<	<
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	800	840	<	61	<		<	<
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<	<		<	<
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	<	<	<	<	<		<	<
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<	<		<	<
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<	<		<	<
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<	<		<	<
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<	<		<	<
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<	<		<	<
8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<	<	<	<	<		<	<
8260	2.5	0.5	100-42-5	T		ppb	Styrene	<	<	<	<	<		<	<
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<		<	<
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene	160	490	50	110	<		<	<
8260	2.5	0.5	108-88-3	T		ppb	Toluene	75	120	<	<	<		<	<
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane	440	150	<	170	<		<	<
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane	<	<	<	<	<		<	<
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene	280	<	<	74	<		<	<
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane	<	<	<	<	<		<	<
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate	<	<	<	<	<		<	<
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride	<	<	<	<	<		<	<
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes	130	150	<	<	150		<	<
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane	<	<	<	<	<		<	<
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<	<	<	<	<		<	<
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane	<	<	<	<	<		<	<
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane	<	<	<	<	<		<	<
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<	<	<	<	<		<	<
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane	<	<	<	<	<		<	<
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane	<	<	<	<	<		<	<
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane	<	<	<	<	<		<	<
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene	<	100	<	<	230		<	<
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<		<	<
8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane	<	<	<	<	<		<	<
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene	<	<	<	<	<		<	<
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene	98	210	<	<	<		<	<
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene	<	<	<	<	<		<	<
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene	450	1,200	150	<	640		<	<
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene	<	<	<	<	<		<	<
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene	220	670	61	<	450		<	<
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene	1,600	5,000	470	61	3,400		<	<
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene	<	<	<	<	<		<	<
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene	110	220	<	<	120		<	<
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<	<		<	<
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<	<		<	<

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8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene	<	<	<	<	<		<	<
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<	<		<	<
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA	<	<	<	<	<		<	<
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<	<		<	<
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<	<		<	<
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene	170	360	58	<	<		<	<
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	<	<	<	<	<		<	<
					T	%	Dibromofluoromethane	117	111	117	113	111		102	103
					T	%	Toluene-d8	83	87	86	88	80		101	98
					T	%	4-Bromofluorobenzene	83	75	84	86	83		105	96
							Tested	10/28/97	10/28/97	10/28/97	10/28/97	10/28/97		10/25/97	10/25/97
							Dilution Factor	5	5	5	5	1		1	1
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	<	<	<	<	<		<	<
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene	<	<	<	<	<		<	<
8270	100	5.0	62-53-3	T		ppb	Aniline	<	<	<	<	<		<	<
8270	100	5.0	120-12-7	T		ppb	Anthracene	<	<	<	<	<		<	<
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<	<	<	<	<		<	<
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene	<	<	<	<	<		<	<
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene	<	<	<	<	<		<	<
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene	<	<	<	<	<		<	<
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene	<	<	<	<	<		<	<
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene	<	<	<	<	<		<	<
8270	100	50	100-51-6	T		ppb	Benzyl alcohol	<	<	<	<	<		<	<
8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane	<	<	<	<	<		<	<
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether	<	<	<	<	<		<	<
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether	<	<	<	<	<		<	<
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate	<	<	<	<	<		<	<
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether	<	<	<	<	<		<	<
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate	<	<	<	<	<		<	<
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline	<	<	<	<	<		<	<
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene	<	<	<	<	<		<	<
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol	19,000	<	<	<	<		<	<
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol	<	<	<	<	<		<	<
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter	<	<	<	<	<		<	<
8270	100	5.0	218-0109	T		ppb	Chrysene	<	<	<	<	<		<	<
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene	<	<	<	<	<		<	<
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran	<	<	<	<	<		<	<
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate	<	<	<	<	<		<	<
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<	<		<	<
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<	<		<	<
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<	<		<	<
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine	<	<	<	<	<		<	<
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol	<	<	<	<	<		<	<
8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate	<	<	<	<	<		<	<
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol	<	<	<	<	<		<	<
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate	<	<	<	<	<		<	<
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol	<	<	<	<	<		<	<
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol	<	<	<	<	<		<	<
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene	<	<	<	<	<		<	<

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8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene	<	<	<	<	<		<	<
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate	<	<	<	<	<		<	<
8270	100	5.0	206-44-0	T		ppb	Fluoranthene	<	<	<	<	<		<	<
8270	100	5.0	86-73-7	T		ppb	Fluorene	<	<	<	<	<		<	<
8270	100	5.0	118-74-1	T		ppb	Hexachlorobenzene	<	<	<	<	<		<	<
8270	100	5.0	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<	<		<	<
8270	100	5.0	77-47-4	T		ppb	Hexachlorocyclopentadiene	<	<	<	<	<		<	<
8270	100	5.0	67-72-1	T		ppb	Hexachloroethane	<	<	<	<	<		<	<
8270	250	25	193-39-5	T		ppb	Indeno(1,2,3-cd)pyrene	<	<	<	<	<		<	<
8270	100	5.0	78-59-1	T		ppb	Isophorone	<	<	<	<	<		<	<
8270	100	5.0	91-57-6	T		ppb	2-Methylnaphthalene	<	1,300	<	<	<		<	<
8270	100	5.0	95-48-7	T		ppb	2-Methylphenol	<	<	<	<	<		<	<
8270	100	5.0	106-44-5	T		ppb	4-Methylphenol	<	<	<	<	<		<	<
8270	100	5.0	91-20-3	T		ppb	Naphthalene	<	<	<	<	<		<	<
8270	250	50	88-74-4	T		ppb	2-Nitroaniline	<	<	<	<	<		<	<
8270	250	50	99-09-2	T		ppb	3-Nitroaniline	<	<	<	<	<		<	<
8270	250	50	100-01-6	T		ppb	4-Nitroaniline	<	<	<	<	<		<	<
8270	100	5.0	98-95-3	T		ppb	Nitrobenzene	<	<	<	<	<		<	<
8270	100	5.0	88-75-5	T		ppb	2-Nitrophenol	<	<	<	<	<		<	<
8270	100	50	100-02-7	T		ppb	4-Nitrophenol	<	<	<	<	<		<	<
8270	100	5.0	86-30-6	T		ppb	N-Nitrosodiphenylamine	<	<	<	<	<		<	<
8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine	<	<	<	<	<		<	<
8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine	<	<	<	<	<		<	<
8270	250	50	87-86-5	T		ppb	Pentachlorophenol	<	<	<	<	<		<	<
8270	100	5.0	85-01-8	T		ppb	Phenanthrene	<	<	<	<	<		<	<
8270	100	5.0	108-95-2	T		ppb	Phenol	<	<	<	<	<		<	<
8270	100	5.0	129-00-0	T		ppb	Pyrene	<	<	<	<	<		<	<
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<	<		<	<
8270	100	5.0	95-95-4	T		ppb	2,4,5-Trichlorophenol	<	<	<	<	<		<	<
8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol	<	<	<	<	<		<	<
							Tested					10/29/97	10/24/97	10/27/97	10/27/97
							Dilution Factor					1	1	1	1
8080	20	5.0	12674-11-2	T		ppb	PCB-1016					<	<	<	<
8080	20	5.0	11104-28-2	T		ppb	PCB-1221					<	<	<	<
8080	20	5.0	11141-16-5	T		ppb	PCB-1232					<	<	<	<
8080	20	5.0	53469-21-9	T		ppb	PCB-1242					<	<	<	<
8080	20	5.0	12672-29-6	T		ppb	PCB-1248					<	<	<	<
8080	20	5.0	11097-69-1	T		ppb	PCB-1254					<	<	<	<
8080	20	5.0	11096-82-5	T		ppb	PCB-1260					<	<	<	<
							Tested							10/28/97	10/28/97
							Dilution Factor							1	1
8080	1.0	0.1	309-00-2	T		ppb	Aldrin							<	<
8080	1.0	0.2	319-84-6	T		ppb	alpha-BHC							<	<
8080	1.0	0.2	319-85-7	T		ppb	beta-BHC							<	<
8080	2.0	0.2	319-86-8	T		ppb	gamma-BHC							<	<
8080	1.0	0.2	58-89-9	T		ppb	gamma-BHC (Lindane)							<	<
8080	10	0.2	57-74-9	T		ppb	Chlordane							<	<
8080	2.0	0.5	72-54-9	T		ppb	4,4'-DDD							<	<
8080	5.0	0.1	72-55-9	T		ppb	4,4'-DDE							<	<

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8080	1.0	0.1	50-29-3	T		ppb	4,4'-DDT							<	<
8080	2.0	0.5	60-57-1	T		ppb	Dieldrin							<	<
8080	1.0	0.5	959-98-8	T		ppb	Endosulfan I							<	<
8080	2.0	0.5	33213-65-9	T		ppb	Endosulfan II							<	<
8080	10	0.5	1031-07-8	T		ppb	Endosulfan sulfate							<	<
8080	2.0	0.02	72-20-8	T		ppb	Endrin							<	<
8080	2.0	0.2	7421-93-4	T		ppb	Endrin aldehyde							<	<
8080	1.0	0.1	76-44-8	T		ppb	Heptachlor							<	<
8080	1.0	0.2	1024-57-3	T		ppb	Heptachlor epoxide							<	<
8080	30	9.0	72-43-5	T		ppb	Methoxychlor							<	<
8080	35	0.5	8001-35-2	T		ppb	Toxaphene							<	<
							Tested								
8015m				T		ppm	Up to & Including C-12								
8015m				T		ppm	C13-22								
8015m				T		ppm	C23 & Higher								
							Tested								
8015m	8.0	0.5		T		ppm	Diesel								
							Tested								
8015m	5.0	0.05		T		ppm	Gas								
							Tested								
9060	5.0	1.0		T		ppm	TOC								
							Tested								
9081	1.0	1.0		T		ppm	Cation Exchange Capacity								

* Units in ng for Method 8270

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	QC(S)								QC(W)							
W BT11 TRIP BLANK 10/23/97 . N, H Y 10/23/97 15 10 W																
97100353	LAB SAMP NO	R1	T CONC	SL*	DL*	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL	DL	RECOVER	D RECOVER	RPD
	10/24/97 97100341	0 0	100	107	101	107	101	6	10/27/97 OCA 100	0 0	2 5	2 4	2 5	96	100	4
	10/27/97 97100347	0 0	30 0	27 0	26 0	90	87	4	10/27/97 97100302	0.00	3.00	2 80	2 70	93	90	4
	97100347	0 0	10 0	9 7	9.8	97	98	1	97100302	0.00	1.00	1 00	1 20	100	120	18
	97100347	14 0	10 0	26 0	26.0	120	120	0	97100302	0.160	1 100	1 350	1 360	108	109	1
	97100347	0 00	1 00	0 89	0.90	89	90	1	97100302	0.00	0 100	0 10	0 10	97	97	0
	97100347	0 00	1 00	1 00	0 99	100	99	1	97100302	0 00	0 100	0 10	0 10	100	100	0
	10/24/97 97100348	0 00	1 00	0 90	0 88	90	88	2	10/24/97 97100342	0 00	0 50	0 53	0 51	106	102	4
	10/27/97 97100347	0 56	5 00	5 80	5 70	105	103	2	10/27/97 97100302	0.00	0.100	0 10	0 08	95	83	13
	97100347	0 11	1 00	1 10	1 10	99	99	0	97100302	0 00	0 100	0 10	0 10	100	100	0
	97100347	0 35	1 00	1 30	1.20	95	85	8	97100302	0.000	0.100	0.110	0.110	110	110	0
	97100347	0 23	10 0	10 00	9 90	98	97	1	97100302	0 00	1.00	1 00	1 00	100	100	0
	10/28/97 97100348	0 000	0 020	0 019	0 018	95	90	5	10/28/97 OCA 100	0.000	0 020	0 017	0 018	85	90	6
	10/27/97 97100347	0 0	10 0	10 2	10 5	102	105	3	10/27/97 97100302	0 00	1 00	1 10	1 10	110	110	0
	97100347	0 41	5 00	5 30	4 90	98	90	8	97100302	0 00	0 50	0 48	0 52	96	104	8
	97100347	0 0	10 0	9 6	9 4	96	94	2	97100302	0 00	1.00	0 90	1 00	90	100	11
	97100347	0 0	5 0	4 0	4.0	80	80	0	97100302	0 00	0 50	0 40	0.40	80	80	0
	97100347	0 0	30 0	27 0	26.0	90	87	4	97100302	0 00	3.00	2 80	2.90	93	97	4
	97100347	1 1	5 0	6 2	6.0	102	98	3	97100302	0.00	0.50	0 60	0.60	120	120	0
	97100347	2.0	5.0	6 7	6 5	94	90	3	97100302	0.000	0.100	0.100	0 100	100	100	0
10/28/97 1 < < <	10/28/97 OCA200	0 0	50	41	44	82	88	7	10/28/97 97100353	0 0	20	17	17	85	85	0

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<	OCA200	0 0	50	46	49	92	98	6	97100353	0 0	20	18	18	90	90	0
<	OCA200	0 0	50	46	46	92	92	0	97100353	0 0	20	17	18	85	90	6
<	OCA200	0 0	50	36	41	72	82	13	97100353	0 0	20	16	16	80	80	0
<	OCA200	0 0	50	50	51	100	102	2	97100353	0 0	20	20	19	100	95	5

<																
<																
<																
<																
<																
<																
<																
111																
93																
93																
	10/28/97									10/25/97						
	OCA200	0 0	50	35	38	70	76	8	OCA100	0.0	50	40	41	80	82	2
	OCA200	0 0	100	60	67	60	67	11	OCA100	0.0	100	62	66	62	66	6
	OCA200	0 0	100	61	67	61	67	9	OCA100	0 0	100	69	69	69	69	0
	OCA200	0 0	50	33	38	66	72	9	OCA100	0 0	50	30	30	60	60	0

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	OCA200	0.0	50	33	37	66	74	11	OCA100	0.0	50	40	41	80	82	2
	OCA200	0.0	100	72	82	72	82	13	OCA100	0.0	100	71	74	71	74	4
	OCA200	0.0	100	57	62	57	62	8	OCA100	0.0	100	26	25	26	25	4
	OCA200	0.0	50	40	46	80	92	14	OCA100	0.0	50	41	41	82	82	0
	OCA200	0.0	50	31	36	62	72	15	OCA100	0.0	50	34	35	68	70	3
	10/29/97															
	97100363	0.0	250	57	68	23	27	18	OCA 100	0.0	20	16	16	80	80	0

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		0 0	50			0	0	#DIV/0!	OCA 100	0 0	1 0	0 97	0 87	97	87	11
		0 0	100			0	0	#DIV/0!		0 0	2 5			0	0	#DIV/0!
		0 0	250			0	0	#DIV/0!		0.0	0 250			0	0	#DIV/0!
		0 0				#DIV/0!	#DIV/0!	#DIV/0!		0 0				#DIV/0!	#DIV/0!	#DIV/0!
		0 0				#DIV/0!	#DIV/0!	#DIV/0!		0 0				#DIV/0!	#DIV/0!	#DIV/0!

BOE-C6-0033186

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

24 hr TAT on SP2A PCBs

Lab Job No: _____
Page 1 of 1

24 hr TAT ON SOIL
REQUIRED TAT: Standard TAT

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Montgomery Watson	PROJECT NAME: The Boeing Company
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: (626) 568-6582 FAX: (626) 796-5941	SAMPLED BY: IV/CW,

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
B37C3-GS-1-5'	2	10/23/97	0755	Soil	2"x6" SS Sleeve	Ice	X	X	X	X					
B37C3-GS-2-5'	2	10/23/97	0840				X	X	X	X					
B37C3-GS-3-5'	2	10/23/97	0855				X	X	X	X					
B37C3-GS-4-5'	2	10/23/97	0905				X	X	X	X					
B61C1-SL-1	5	10/23/97	1045	Sludge	Glass Jar	None	X	X	X	X	X				
B44-RE1-SP2A	2	10/23/97	1140	Soil	2"x6" SS Sleeve	Ice					X				24 hr TAT
Equipment Blank	7	10/23/97	1445	Water	4 Amber 1 poly 2 VOAs	None HNO3 HCL	X	X	X	X	X	X			
Rinsate Blank	7	10/23/97	1500				X	X	X	X	X	X			
Trip Blank	2	10/23/97	-		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:
Ivan Vargas	10/23/97 1510		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	10/23/97 15:10

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 osal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0033187

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9673

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals

Date Sampled: 10/22/97
Date Received: 10/22/97
Date Reported: 10/29/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100341	97100342	97100343	97100344	LAB SAMP NO	R1	T CONC	SL*	DL*	RECOVER	D RECOVER
							SAMP TYPE	S	W	W	W	QC(S)						
							RES CODE	PP01	BF11	BR11	BT11							
							SAMP ID	B44-RE1-SP3	EQUIP BLANK	RINSATE BLANK	TRIP BLANK							
							SAMP DATE	10/22/97	10/22/97	10/22/97	10/22/97							
							SAMP TIME	8:30	14 30	16:45								
							SAMP DEPTH											
							PRESERVED		, N, H	, N, H	, N, H							
							ICED	Y	Y	Y	Y							
							RECEIVED	10/22/97	10/22/97	10/22/97	10/22/97							
							REC TIME	17:15	17 15	17:15	17:15							
							BASIS	W	W	W	W							
							Tested	10/23/97	10/27/97	10/27/97		10/23/97						
418.1	8 0	0 5		T		ppm	Extractable Hydrocarbons	9.2	<	<		97100287	0 0	100	126	127	126	127
							Tested	10/23/97	10/27/97	10/27/97		10/23/97						
6010	5 0	0 5		T		ppm	Antimony	<	<	<		97100341	0 0	30.0	26.0	25.0	87	83
6010	1 0	0 1		T		ppm	Arsenic	10	<	<		97100341	1 0	10 0	9.5	11 0	85	100
6010	0 1	0 01		T		ppm	Barium	100	<	<		97100341	10 0	10.0	20 0	20 0	100	100
6010	0 1	0 01		T		ppm	Beryllium	<	<	<		97100341	0 00	1 00	0.89	0 95	89	95
6010	0 1	0 01		T		ppm	Cadmium	<	<	<		97100341	0 00	1.00	0.93	0 92	93	92
							Tested	10/23/97	10/24/97	10/24/97		10/23/97						
7196	0 5	0 01		T		ppm	Chromium (VI)	<	<	<		97100341	0 00	1.00	1.10	1 10	110	110
							Tested	10/23/97	10/27/97	10/27/97		10/23/97						
6010	0 1	0 01		T		ppm	Chromium Total	29	<	<		97100341	2 9	5.0	7.0	7 4	82	90
6010	0 5	0 1		T		ppm	Cobalt	7.7	<	<		97100341	0 77	1.00	1 60	1.60	83	83
6010	0.1	0 01		T		ppm	Copper	14	<	<		97100341	1 40	1.00	2 20	2.40	80	100
6010	1 0	0 1		T		ppm	Lead	<	<	<		97100341	0 00	10.0	10.0	10.0	100	100
							Tested	10/23/97	10/28/97	10/28/97		10/23/97						
7471	0 01	0 002		T		ppm	Mercury	<	<	<		97100341	0 000	0 020	0.018	0.017	90	85
							Tested	10/23/97	10/27/97	10/27/97		10/23/97						
6010	0 5	0 1		T		ppm	Molybdenum	<	<	<		97100341	0 0	10.0	9 1	9.8	91	98
6010	0 5	0 1		T		ppm	Nickel	9.4	<	<		97100341	0 94	5 0	5.2	5 2	85	85
6010	1 0	0 1		T		ppm	Selenium	<	<	<		97100341	0.0	10.0	11.0	11 0	110	110
6010	0.1	0 1		T		ppm	Silver	<	<	<		97100341	0 0	5.0	4.3	4.8	86	96
6010	5.0	0 5		T		ppm	Thallium	<	<	<		97100341	0.0	30.0	24.0	25.0	80	83
6010	0.5	0 1		T		ppm	Vanadium	36	<	<		97100341	3.6	5.0	7.9	8.2	86	92
6010	0 1	0 01		T		ppm	Zinc	64	<	<		97100341	6 4	5 0	11.0	11.0	92	92
							Tested	10/23/97	10/24/97	10/24/97	10/24/97	10/23/97						
							Dilution Factor	1	1	1	1							
8260	2.5	0 5	71-43-2	T		ppb	Benzene	<	<	<	<	97100328	0.0	50	43	40	86	80
8260	2 5	0 5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<							
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<							
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<							
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<							
8260	2.5	0 5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<							
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	97100328	0.0	50	46	43	92	86

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8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<								
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<								
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<								
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<								
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<								
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<	<	<	<								
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<								
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	<	<	<	<	97100328	0.0	50	49	43	98	86	
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<								
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<								
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<								
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<								
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<								
8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<	<	<	<								
8260	2.5	0.5	100-42-5	T		ppb	Styrene	<	<	<	<								
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<								
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene	<	<	<	<								
8260	2.5	0.5	108-88-3	T		ppb	Toluene	<	<	<	<	97100328	0.0	50	36	41	72	82	
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane	<	<	<	<								
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane	<	<	<	<								
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene	<	<	<	<	97100328	0.0	50	52	48	104	96	
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane	<	<	<	<								
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate	<	<	<	<								
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride	<	<	<	<								
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes	<	<	<	<								
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane	<	<	<	<								
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<	<	<	<								
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane	<	<	<	<								
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane	<	<	<	<								
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<	<	<	<								
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane	<	<	<	<								
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane	<	<	<	<								
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane	<	<	<	<								
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene	<	<	<	<								
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<								
8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane	<	<	<	<								
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene	<	<	<	<								
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene	<	<	<	<								
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene	<	<	<	<								
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene	<	<	<	<								
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene	<	<	<	<								
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene	<	<	<	<								
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene	<	<	<	<								
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene	<	<	<	<								
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene	<	<	<	<								
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<								
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<								
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene	<	<	<	<								
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<								
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA	<	<	<	<								
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<								

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8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<								
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene	<	<	<	<								
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	<	<	<	<								
					T	%	Dibromofluoromethane	100	103	107	105								
					T	%	Toluene-d8	98	107	107	108								
					T	%	4-Bromofluorobenzene	98	103	100	102								
							Tested	10/23/97	10/23/97	10/23/97		10/23/97							
							Dilution Factor	1	1	1									
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	<	<	<		OCA200	0.0	50	34	37	68	74	
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene	<	<	<									
8270	100	5.0	62-53-3	T		ppb	Aniline	<	<	<									
8270	100	5.0	120-12-7	T		ppb	Anthracene	<	<	<									
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<	<	<									
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene	<	<	<									
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene	<	<	<									
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene	<	<	<									
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene	<	<	<									
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene	<	<	<									
8270	100	50	100-51-6	T		ppb	Benzyl alcohol	<	<	<									
8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane	<	<	<									
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether	<	<	<									
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether	<	<	<									
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate	<	<	<									
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether	<	<	<									
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate	<	<	<									
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline	<	<	<									
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene	<	<	<									
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol	<	<	<		OCA200	0.0	100	56	60	56	60	
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol	<	<	<		OCA200	0.0	100	62	70	62	70	
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter	<	<	<									
8270	100	5.0	218-0109	T		ppb	Chrysene	<	<	<									
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene	<	<	<									
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran	<	<	<									
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate	<	<	<									
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<									
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<		OCA200	0.0	50	33	37	66	74	
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<									
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine	<	<	<									
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol	<	<	<									
8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate	<	<	<									
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol	<	<	<									
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate	<	<	<									
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol	<	<	<									
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol	<	<	<									
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene	<	<	<									
8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene	<	<	<									
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate	<	<	<									
8270	100	5.0	206-44-0	T		ppb	Fluoranthene	<	<	<									
8270	100	5.0	86-73-7	T		ppb	Fluorene	<	<	<									

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8270	100	5.0	118-74-1	T	ppb	Hexachlorobenzene	<	<	<									
8270	100	5.0	87-68-3	T	ppb	Hexachlorobutadiene	<	<	<									
8270	100	5.0	77-47-4	T	ppb	Hexachlorocyclopentadiene	<	<	<									
8270	100	5.0	67-72-1	T	ppb	Hexachloroethane	<	<	<									
8270	250	25	193-39-5	T	ppb	Indeno(1,2,3-cd)pyrene	<	<	<									
8270	100	5.0	78-59-1	T	ppb	Isophorone	<	<	<									
8270	100	5.0	91-57-6	T	ppb	2-Methylnaphthalene	<	<	<									
8270	100	5.0	95-48-7	T	ppb	2-Methylphenol	<	<	<									
8270	100	5.0	106-44-5	T	ppb	4-Methylphenol	<	<	<									
8270	100	5.0	91-20-3	T	ppb	Naphthalene	<	<	<									
8270	250	50	88-74-4	T	ppb	2-Nitroaniline	<	<	<									
8270	250	50	99-09-2	T	ppb	3-Nitroaniline	<	<	<									
8270	250	50	100-01-6	T	ppb	4-Nitroaniline	<	<	<									
8270	100	5.0	98-95-3	T	ppb	Nitrobenzene	<	<	<									
8270	100	5.0	88-75-5	T	ppb	2-Nitrophenol	<	<	<									
8270	100	50	100-02-7	T	ppb	4-Nitrophenol	<	<	<									
8270	100	5.0	86-30-6	T	ppb	N-Nitrosodiphenylamine	<	<	<									
8270	100	5.0	621-64-7	T	ppb	N-Nitroso-di-N-propylamine	<	<	<		OCA200	0.0	50	41	43	82	86
8270	100	5.0	62-75-9	T	ppb	N-Nitrosodimethylamine	<	<	<									
8270	250	50	87-86-5	T	ppb	Pentachlorophenol	<	<	<		OCA200	0.0	100	57	65	57	65
8270	100	5.0	85-01-8	T	ppb	Phenanthrene	<	<	<									
8270	100	5.0	108-95-2	T	ppb	Phenol	<	<	<		OCA200	0.0	100	59	65	59	65
8270	100	5.0	129-00-0	T	ppb	Pyrene	<	<	<		OCA200	0.0	50	49	52	98	104
8270	100	5.0	120-82-1	T	ppb	1,2,4-Trichlorobenzene	<	<	<		OCA200	0.0	50	36	40	72	80
8270	100	5.0	95-95-4	T	ppb	2,4,5-Trichlorophenol	<	<	<									
8270	100	5.0	88-06-2	T	ppb	2,4,6-Trichlorophenol	<	<	<									
						Tested		10/27/97	10/27/97									
						Dilution Factor		1	1									
8080	20	5.0	12674-11-2	T	ppb	PCB-1016		<	<									
8080	20	5.0	11104-28-2	T	ppb	PCB-1221		<	<									
8080	20	5.0	11141-16-5	T	ppb	PCB-1232		<	<									
8080	20	5.0	53469-21-9	T	ppb	PCB-1242		<	<									
8080	20	5.0	12672-29-6	T	ppb	PCB-1248		<	<									
8080	20	5.0	11097-69-1	T	ppb	PCB-1254		<	<									
8080	20	5.0	11096-82-5	T	ppb	PCB-1260		<	<									
						Tested		10/28/97	10/28/97									
						Dilution Factor		1	1									
8080	1.0	0.1	309-00-2	T	ppb	Aldrin		<	<									
8080	1.0	0.2	319-84-6	T	ppb	alpha-BHC		<	<									
8080	1.0	0.2	319-85-7	T	ppb	beta-BHC		<	<									
8080	2.0	0.2	319-86-8	T	ppb	gamma-BHC		<	<									
8080	1.0	0.2	58-89-9	T	ppb	gamma-BHC (Lindane)		<	<									
8080	10	0.2	57-74-9	T	ppb	Chlordane		<	<									
8080	2.0	0.5	72-54-9	T	ppb	4,4'-DDD		<	<									
8080	5.0	0.1	72-55-9	T	ppb	4,4'-DDE		<	<									
8080	1.0	0.1	50-29-3	T	ppb	4,4'-DDT		<	<									
8080	2.0	0.5	60-57-1	T	ppb	Dieldrin		<	<									
8080	1.0	0.5	959-98-8	T	ppb	Endosulfan I		<	<									
8080	2.0	0.5	33213-65-9	T	ppb	Endosulfan II		<	<									

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8080	10	0.5	1031-07-8	T		ppb	Endosulfan sulfate		<	<								
8080	2 0	0.02	72-20-8	T		ppb	Endrin		<	<								
8080	2 0	0 2	7421-93-4	T		ppb	Endrin aldehyde		<	<								
8080	1.0	0.1	76-44-8	T		ppb	Heptachlor		<	<								
8080	1 0	0 2	1024-57-3	T		ppb	Heptachlor epoxide		<	<								
8080	30	9 0	72-43-5	T		ppb	Methoxychlor		<	<								
8080	35	0 5	8001-35-2	T		ppb	Toxaphene		<	<								

• Units in ng for Method 8270

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	QC(W)							
RPD	LAB SAMP NO	R1	T CONC	SL*	DL*	RECOVER	D RECOVER	RPD
1	10/27/97 OCA 100	0 0	2 5	2.4	2 5	96	100	4
4	10/27/97 97100302	0 00	3 00	2 80	2 70	93	90	4
15	97100302	0 00	1 00	1 00	1.20	100	120	18
0	97100302	0 16	1 10	1 35	1 36	108	109	1
7	97100302	0 00	0 100	0 10	0 10	97	97	0
1	97100302	0 00	0 100	0 10	0 10	100	100	0
0	10/24/97 97100342	0 00	0 50	0 53	0.51	106	102	4
6	10/27/97 97100302	0 00	0 100	0.10	0.08	95	83	13
0	97100302	0 00	0 100	0.10	0.10	100	100	0
9	97100302	0 000	0 100	0.110	0.110	110	110	0
0	97100302	0 00	1 00	1 00	1.00	100	100	0
6	10/28/97 OCA 100	0 000	0 020	0 017	0.018	85	90	6
7	10/27/97 97100302	0 00	1 00	1.10	1 10	110	110	0
0	97100302	0 00	0 50	0.48	0 52	96	104	8
0	97100302	0 00	1 00	0 90	1.00	90	100	11
11	97100302	0 00	0 50	0.40	0.40	80	80	0
4	97100302	0 00	3 00	2 80	2 90	93	97	4
4	97100302	0 00	0 50	0 60	0.60	120	120	0
0	97100302	0 000	0 100	0.100	0.100	100	100	0
7	10/24/97 1 97100296	0 0	20	18	20	90	100	11
7	97100296	0 0	20	18	18	90	90	0

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13	97100296	0 0	20	18	19	90	95	5
13	97100296	0 0	20	19	20	95	100	5
8	97100296	0 0	20	17	18	85	90	6

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	10/23/97							
8	OCA100	0 0	50	39	40	78	80	3
7	OCA100	0 0	100	64	71	64	71	10
12	OCA100	0 0	100	65	71	65	71	9
11	OCA100	0 0	50	25	25	50	50	0

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5	OCA100	0.0	50	34	41	68	82	19
13	OCA100	0.0	100	70	79	70	79	12
10	OCA100	0.0	100	19	27	19	27	35
6	OCA100	0.0	50	41	39	82	78	5
11	OCA200	0.0	50	30	29	60	58	3
	10/28/97							
	OCA 100	0.0	20	16	16	80	80	0
	10/28/97							
	OCA 100	0.0	1.0	0.97	0.87	97	87	11

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BOE-C6-0033198

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

REQUIRED TAT: Standard TAT

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
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:	(626) 568-6582 FAX: (626) 796-5941	SAMPLED BY:	Q W I V.

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
B44-REI-SP3	2	10/22/97	0830	Soil	2"x6" ss Sleeve	ICE	X	X	X	X				*Rush on all soil analysis - ASAP
Equipment Blank	7	10/22/97	1430	Water	4 amber 1 poly 2 VOAs	None HNO3 HCL	X	X	X	X	X	X		
Rinsate Blank	7	10/22/97	1645	Water	↓	↓	X	X	X	X	X	X		
Trip Blank	2	10/22/97	—	Water	2 VOAs	HCL			X					

Total No. of Samples: 4

Method of Shipment: 1 Cooler via Orange Coast Courier.

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	10/22/97. 1715		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	10/22/97 1715

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 [illegible] posal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0033199

KENNEDY/JENKS CONSULTANTS PROJECT #954019.01
Douglas Aircraft Company, C-6, Phase II
19503 Normandie Avenue
Torrance, CA

TEG Project #960326T3

TRPH (EPA Method 418.1) & TPH (DOHS EPA Method 8015 Modified) ANALYSES OF SOILS

SAMPLE NUMBER	DATE ANALYZED	TRPH (mg/kg)	TPH-DIESEL C12-C24 (mg/kg)
3E2- 5	4/5/96	ND	--
3E2-10	4/5/96	ND	--
3F-1- 5.5'	3/26/96	ND	--
3F-1-10.5'	3/26/96	ND	--
3F-2- 5.5'	3/26/96	ND	--
3F-2-10.5'	3/26/96	ND	--
3F-3- 5.5'	3/26/96	ND	--
3F-3-10.5'	3/26/96	ND	--
3G- 5	4/5/96	5,700	--
3G-10	4/5/96	ND	--
3H- 5	4/5/96	ND	--
3H-10	4/5/96	ND	--
3I-1-6.0	3/26/96	ND	--
3I-1-11.0	3/26/96	ND	--
3I-2-6.0	3/26/96	ND	--
3I-2-10.0	3/26/96	ND	--
3J-1-10	3/27/96	ND	--
3J-1-15	3/27/96	ND	--
3J-2-10	3/26/96	23	--
3J-2-15	3/26/96	ND	--
3K-1-10	3/26/96	ND	--
3K-1-15	3/26/96	ND	--
3K-2-10	3/27/96	ND	--
3K-2-10 DUP	3/27/96	ND	--
3K-2-15	3/27/96	ND	--
3L-1-6.0	3/26/96	ND	--
3L-1-11.0	3/26/96	ND	--
3L-2-6.0	3/26/96	ND	--
3L-2-11.0	3/26/96	ND	--
3M-1-10	3/27/96	ND	--
3M-1-15	3/27/96	ND	--
DETECTION LIMITS		10	10

ND INDICATES NOT DETECTED AT LISTED DETECTION LIMITS

ANALYSES PERFORMED ON-SITE IN TEG'S CA DOHS CERTIFIED MOBILE LABORATORY (CERT #1667, 1745 & 1746)
ANALYSES PERFORMED BY: MR. JIM LIGGETT, MS. WINA SEISS & MR. BO SMITH
DATA REVIEWED BY: Wayne Hartman
4-19-96

Quanterra Environmental Services

CAM METALS
TTLC (Total)

Client Name: Kennedy/Jenks Consultants
Client ID: 3J-2-10
LAB ID: 117789-0045-SA
Matrix: SOIL
Authorized: 26 MAR 96

Sampled: 25 MAR 96
Prepared: See Below

Received: 25 MAR 96
Analyzed: See Below

Parameter	Result	Qual	DIL	RL	Units	Method	Prep Date	Analyzed Date
Antimony	ND		1.0	1.0	mg/kg	SW6010	27 MAR 96	04 APR 96
Arsenic	ND		1.0	10.0	mg/kg	SW6010	27 MAR 96	04 APR 96
Barium	170		1.0	20.0	mg/kg	SW6010	27 MAR 96	04 APR 96
Beryllium	0.80		1.0	0.50	mg/kg	SW6010	27 MAR 96	04 APR 96
Cadmium	ND		1.0	0.20	mg/kg	SW6010	27 MAR 96	04 APR 96
Chromium	35.9		1.0	0.50	mg/kg	SW6010	27 MAR 96	04 APR 96
Cobalt	18.8		1.0	5.0	mg/kg	SW6010	27 MAR 96	04 APR 96
Copper	30.6		1.0	2.5	mg/kg	SW6010	27 MAR 96	04 APR 96
Lead	7.8		1.0	0.30	mg/kg	SW6010	27 MAR 96	04 APR 96
Mercury	0.060		1.0	0.040	mg/kg	SW7471	27 MAR 96	28 MAR 96
Molybdenum	ND		1.0	4.0	mg/kg	SW6010	27 MAR 96	04 APR 96
Nickel	26.9		1.0	4.0	mg/kg	SW6010	27 MAR 96	04 APR 96
Selenium	ND		1.0	0.50	mg/kg	SW6010	27 MAR 96	04 APR 96
Silver	ND		1.0	0.50	mg/kg	SW6010	27 MAR 96	04 APR 96
Thallium	ND		1.0	200	mg/kg	SW6010	27 MAR 96	04 APR 96
Vanadium	68.3		1.0	5.0	mg/kg	SW6010	27 MAR 96	04 APR 96
Zinc	75.7		1.0	2.0	mg/kg	SW6010	27 MAR 96	04 APR
Chromium, Hexavalent	ND		1.0	0.10	mg/kg	SW7196	26 MAR 96	26 MAR 96

ND = Not Detected

Quanterra Environmental Services

Halogenated Volatile Organics
Method 8010

Client Name: Kennedy/Jenks Consultants
Client ID: 3J-2-10
LAB ID: 117789-0045-SA
Matrix: SOIL
Authorized: 26 MAR 96
Instrument: VOA

Sampled: 25 MAR 96
Prepared: 02 APR 96
Dilution: 1.0

Received: 25 MAR 96
Analyzed: 02 APR 96

Parameter	Result	Qualifier	RL	Units
Chloromethane	ND		5.0	ug/kg
Bromomethane	ND		5.0	ug/kg
Vinyl chloride	ND		5.0	ug/kg
Chloroethane	ND		5.0	ug/kg
Methylene chloride	ND		5.0	ug/kg
Trichlorofluoromethane	ND		5.0	ug/kg
1,1-Dichloroethene	ND		5.0	ug/kg
1,1-Dichloroethane	ND		5.0	ug/kg
trans-1,2-Dichloroethene	ND		5.0	ug/kg
Chloroform	ND		5.0	ug/kg
1,2-Dichloroethane	ND		5.0	ug/kg
1,1,1-Trichloroethane	ND		5.0	ug/kg
Carbon tetrachloride	ND		5.0	ug/kg
Bromodichloromethane	ND		5.0	ug/kg
1,2-Dichloropropane	ND		5.0	ug/kg
cis-1,3-Dichloropropene	ND		5.0	ug/kg
Trichloroethene	ND		5.0	ug/kg
Dibromochloromethane	ND		5.0	ug/kg
1,1,2-Trichloroethane	ND		5.0	ug/kg
trans-1,3-Dichloropropene	ND		5.0	ug/kg
2-Chloroethyl vinyl ether	ND		5.0	ug/kg
Bromoform	ND		5.0	ug/kg
Tetrachloroethene	ND		5.0	ug/kg
1,1,2,2-Tetrachloroethane	ND		5.0	ug/kg
Chlorobenzene	ND		5.0	ug/kg
1,3-Dichlorobenzene	ND		5.0	ug/kg
1,2-Dichlorobenzene	ND		5.0	ug/kg
1,4-Dichlorobenzene	ND		5.0	ug/kg

Surrogate	Recovery		Acceptable Range
Bromofluorobenzene	66	%	11 - 113

ND = Not Detected

Quanterra Environmental Services

Polychlorinated Biphenyls
Method 8080

Client Name: Kennedy/Jenks Consultants
Client ID: 3J-2-10
LAB ID: 117789-0045-SA
Matrix: SOIL
Authorized: 26 MAR 96
Instrument: GC/ECD-PVB

Sampled: 25 MAR 96
Prepared: 28 MAR 96
Dilution: 20

Received: 25 MAR 96
Analyzed: 04 APR 96

Parameter	Result	Qualifier	RL	Units
Aroclor 1016	ND		670	ug/kg
Aroclor 1221	ND		670	ug/kg
Aroclor 1232	ND		670	ug/kg
Aroclor 1242	ND		670	ug/kg
Aroclor 1248	9800		670	ug/kg
Aroclor 1254	ND		670	ug/kg
Aroclor 1260	ND		670	ug/kg

Surrogate	Recovery		Acceptable Range	
2,4,5,6-Tetrachloro-m-xylene	0.0	%	60 - 150	H
Decachlorobiphenyl	0.0	%	60 - 150	H

H = Surrogate not detected because of required sample dilution.
ND = Not Detected

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.0109001

Project Name: The Boeing Company

Laboratory Reference: MWI 9650

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals

Date Sampled: 10/14/97
Date Received: 10/14/97
Date Reported: 10/21/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

MWI 9650

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100231	97100232	97100233	97100234	97100235	LAB SAMP NO	R1	T CONC
							SAMP TYPE	S	S	W	W	W	QC(S)		
							RES CODE	PP01	PP01	BF11	BR11	BT11			
							SAMP ID	B37-GS-203-12'	B37-RE6-SP1	EQUIP BLANK	RINSATE BLANK	TRIP BLANK			
							SAMP DATE	10/14/97	10/14/97	10/14/97	10/14/97	10/14/97			
							SAMP TIME	13:05	13 42	14 30	14:45				
							SAMP DEPTH	12'							
							PRESERVED			N, H	, N, H	, N, H			
							ICED	Y	Y	Y	Y	Y			
							RECEIVED	10/14/97	10/14/97	10/14/97	10/14/97	10/14/97			
							REC TIME	15:00	15 00	15 00	15:00	15 00			
							BASIS	W	W	W	W	W			
							Tested		10/15/97	10/20/97	10/20/97		10/15/97		
418 1	8 0	0.5		T		ppm	Extractable Hydrocarbons		75	<	<		OCA 200	0.0	100
							Tested		10/15/97	10/15/97	10/15/97		10/15/97		
6010	5.0	0.5		T		ppm	Antimony		<	<	<			0.0	30.0
6010	1.0	0.1		T		ppm	Arsenic		13	<	<			0.0	10.0
6010	0.1	0.01		T		ppm	Barium		110	<	<			6.7	10.0
6010	0.1	0.01		T		ppm	Beryllium		<	<	<			0.00	1.00
6010	0.1	0.01		T		ppm	Cadmium		<	<	<			0.00	1.00
							Tested		10/15/97	10/15/97	10/15/97		10/15/97		
7196	0.5	0.01		T		ppm	Chromium (VI)		<	<	<		97100232	0.00	1.00
							Tested		10/15/97	10/15/97	10/15/97		10/15/97		
6010	0.1	0.01		T		ppm	Chromium Total		29	<	<		97100213	2.40	5.00
6010	0.5	0.1		T		ppm	Cobalt		8.4	<	<		97100213	0 54	1.00
6010	0.1	0.01		T		ppm	Copper		17	<	<		97100213	0.90	1.00
6010	1.0	0.1		T		ppm	Lead		<	<	<		97100213	0.00	10.0
							Tested		<	<	<		10/15/97		
7471	0.01	0.002		T		ppm	Mercury		<	<	<		97100232	0.000	0.020
							Tested		<	<	<		10/15/97		
6010	0.5	0.1		T		ppm	Molybdenum		<	<	<		97100213	0.0	10.0
6010	0.5	0.1		T		ppm	Nickel		14	<	<		97100213	0.80	5.0
6010	1.0	0.1		T		ppm	Selenium		<	<	<		97100213	0.0	10.0
6010	0.1	0.1		T		ppm	Silver		<	<	<		97100213	0.0	5.0
6010	5.0	0.5		T		ppm	Thallium		<	<	<		97100213	0.0	30.0
6010	0.5	0.1		T		ppm	Vanadium		34	<	<		97100213	2.6	5.0
6010	0.1	0.01		T		ppm	Zinc		44	<	<		97100213	4.8	5.0
STLC				S		ppm									
TCLP				C		ppm									

BOE-C6-0033206

							Tested	10/15/97	10/17/97	10/17/97	10/17/97	10/15/97			
							Dilution Factor	1	1	1	1				
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<				
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<				
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<				
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<				
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<				
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<				
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<				
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<				
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<				
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<				
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<	<	<	<				
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<				
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<				
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<				
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<				
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<				
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<				
8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<	<	<	<				
8260	2.5	0.5	100-42-5	T		ppb	Styrene	<	<	<	<				
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<				
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene	<	<	<	<				
8260	2.5	0.5	108-88-3	T		ppb	Toluene	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane	<	<	<	<				
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane	<	<	<	<				
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene	<	<	<	<	97100214	0.0	50	
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane	<	<	<	<				
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate	<	<	<	<				
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride	<	<	<	<				
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes	<	<	<	<				
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane	<	<	<	<				
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<	<	<	<				
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane	<	<	<	<				
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane	<	<	<	<				
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<	<	<	<				
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane	<	<	<	<				
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane	<	<	<	<				
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane	<	<	<	<				
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene	<	<	<	<				
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<				

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8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane		<	<	<	<				
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene		<	<	<	<				
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene		<	<	<	<				
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene		<	<	<	<				
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene		<	<	<	<				
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene		<	<	<	<				
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene		<	<	<	<				
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene		<	<	<	<				
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene		<	<	<	<				
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene		<	<	<	<				
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene		<	<	<	<				
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene		<	<	<	<				
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene		<	<	<	<				
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene		<	<	<	<				
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA		<	<	<	<				
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene		<	<	<	<				
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene		<	<	<	<				
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene		<	<	<	<				
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene		<	<	<	<				
					T	%	Dibromofluoromethane		103	114	112	110				
					T	%	Toluene-d8		92	89	90	91				
					T	%	4-Bromofluorobenzene		94	95	92	95				
							Tested		10/15/97	10/17/97	10/17/97		10/15/97			
							Dilution Factor		1	1	1					
8270	100	5.0	83-32-9	T		ppb	Acenaphthene		<	<	<		97100213	0.0	50	
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene		<	<	<					
8270	100	5.0	62-53-3	T		ppb	Aniline		<	<	<					
8270	100	5.0	120-12-7	T		ppb	Anthracene		<	<	<					
8270	500	50	65-85-0	T		ppb	Benzoic Acid		<	<	<					
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene		<	<	<					
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene		<	<	<					
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene		<	<	<					
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene		<	<	<					
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene		<	<	<					
8270	100	50	100-51-6	T		ppb	Benzyl alcohol		<	<	<					
8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane		<	<	<					
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether		<	<	<					
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether		<	<	<					
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate		<	<	<					
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether		<	<	<					
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate		<	<	<					
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline		<	<	<					
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene		<	<	<					
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol		<	<	<		97100213	0.0	100	

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8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol		<	<	<		97100213	0.0	100
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter		<	<	<				
8270	100	5.0	218-0109	T		ppb	Chrysene		<	<	<				
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene		<	<	<				
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran		<	<	<				
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate		<	<	<				
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene		<	<	<				
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene		<	<	<		97100213	0.0	50
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene		<	<	<				
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine		<	<	<				
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol		<	<	<				
8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate		<	<	<				
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol		<	<	<				
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate		<	<	<				
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol		<	<	<				
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol		<	<	<				
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene		<	<	<				
8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene		<	<	<				
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate		<	<	<				
8270	100	5.0	206-44-0	T		ppb	Fluoranthene		<	<	<				
8270	100	5.0	86-73-7	T		ppb	Fluorene		<	<	<				
8270	100	5.0	118-74-1	T		ppb	Hexachlorobenzene		<	<	<				
8270	100	5.0	87-68-3	T		ppb	Hexachlorobutadiene		<	<	<				
8270	100	5.0	77-47-4	T		ppb	Hexachlorocyclopentadiene		<	<	<				
8270	100	5.0	67-72-1	T		ppb	Hexachloroethane		<	<	<				
8270	250	25	193-39-5	T		ppb	Indeno(1,2,3-cd)pyrene		<	<	<				
8270	100	5.0	78-59-1	T		ppb	Isophorone		<	<	<				
8270	100	5.0	91-57-6	T		ppb	2-Methylnaphthalene		<	<	<				
8270	100	5.0	95-48-7	T		ppb	2-Methylphenol		<	<	<				
8270	100	5.0	106-44-5	T		ppb	4-Methylphenol		<	<	<				
8270	100	5.0	91-20-3	T		ppb	Naphthalene		<	<	<				
8270	250	50	88-74-4	T		ppb	2-Nitroaniline		<	<	<				
8270	250	50	99-09-2	T		ppb	3-Nitroaniline		<	<	<				
8270	250	50	100-01-6	T		ppb	4-Nitroaniline		<	<	<				
8270	100	5.0	98-95-3	T		ppb	Nitrobenzene		<	<	<				
8270	100	5.0	88-75-5	T		ppb	2-Nitrophenol		<	<	<				
8270	100	50	100-02-7	T		ppb	4-Nitrophenol		<	<	<				
8270	100	5.0	86-30-6	T		ppb	N-Nitrosodiphenylamine		<	<	<				
8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine		<	<	<		97100213	0.0	50
8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine		<	<	<				
8270	250	50	87-86-5	T		ppb	Pentachlorophenol		<	<	<		97100213	0.0	100
8270	100	5.0	85-01-8	T		ppb	Phenanthrene		<	<	<				
8270	100	5.0	108-95-2	T		ppb	Phenol		<	<	<		97100213	0.0	100
8270	100	5.0	129-00-0	T		ppb	Pyrene		<	<	<		97100213	0.0	50
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene		<	<	<		97100213	0.0	50
8270	100	5.0	95-95-4	T		ppb	2,4,5-Trichlorophenol		<	<	<				

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8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol		<	<	<				
							Tested	10/15/97	10/15/97	10/17/97	10/17/97		10/15/97		
							Dilution Factor	1	1	1	1				
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<	<	<	<				
8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<	<	<	<				
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<	<	<	<				
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<	<	<	<				
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<	100	<	<				
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<	<	<	<				
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	<	<	<	<		97100231	0.0	250
							Tested			10/17/97	10/17/97				
							Dilution Factor			1	1				
8080	1.0	0.1	309-00-2	T		ppb	Aldrin			<	<				
8080	1.0	0.2	319-84-6	T		ppb	alpha-BHC			<	<				
8080	1.0	0.2	319-85-7	T		ppb	beta-BHC			<	<				
8080	2.0	0.2	319-86-8	T		ppb	gamma-BHC			<	<				
8080	1.0	0.2	58-89-9	T		ppb	gamma-BHC (Lindane)			<	<				
8080	10	0.2	57-74-9	T		ppb	Chlordane			<	<				
8080	2.0	0.5	72-54-9	T		ppb	4,4'-DDD			<	<				
8080	5.0	0.1	72-55-9	T		ppb	4,4'-DDE			<	<				
8080	1.0	0.1	50-29-3	T		ppb	4,4'-DDT			<	<				
8080	2.0	0.5	60-57-1	T		ppb	Dieldrin			<	<				
8080	1.0	0.5	959-98-8	T		ppb	Endosulfan I			<	<				
8080	2.0	0.5	33213-65-9	T		ppb	Endosulfan II			<	<				
8080	10	0.5	1031-07-8	T		ppb	Endosulfan sulfate			<	<				
8080	2.0	0.02	72-20-8	T		ppb	Endrin			<	<				
8080	2.0	0.2	7421-93-4	T		ppb	Endrin aldehyde			<	<				
8080	1.0	0.1	76-44-8	T		ppb	Heptachlor			<	<				
8080	1.0	0.2	1024-57-3	T		ppb	Heptachlor epoxide			<	<				
8080	30	9.0	72-43-5	T		ppb	Methoxychlor			<	<				
8080	35	0.5	8001-35-2	T		ppb	Toxaphene			<	<				

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					QC(W)							
SL	DL	RECOVER	D RECOVER	RPD	LAB SAMP NO	R1	T CONC	SL	DL	RECOVER	D RECOVER	RPD
95	105	95	105	10	10/20/97 OCA 100	0 0	2 5	2 5	2.4	100	96	4
27 0	36.0	90	120	29	10/15/97 97100234	0 00	3 00	2.80	3.00	93	100	7
11 0	11.0	110	110	0	97100234	0.00	1 00	1.20	1.10	120	110	9
17 0	17.0	103	103	0	97100234	0 00	1 00	1 10	1.00	110	100	10
0.88	0.90	88	90	2	97100234	0.00	0 100	0.093	0.091	93	91	2
0 93	0.97	93	97	4	97100234	0.00	0 100	0.10	0.10	100	100	0
0 98	1.00	98	100	2	10/15/97 97100234	0 00	0 50	0.44	0.45	88	90	2
6.90	7.10	90	94	3	10/15/97 97100234	0.00	0.500	0.57	0.56	114	112	2
1 40	1.40	86	86	0	97100234	0.00	0 100	0.11	0.11	110	110	0
1 70	1.80	80	90	6	97100234	0.00	0 100	0 098	0.096	98	96	2
8 50	8.20	85	82	4	97100234	0 00	1 00	1.00	0.94	100	94	6
0 019	0.020	95	100	5	10/15/97 OCA 100	0.000	0 020	0.020	0.021	100	105	5
9.9	9 8	99	98	1	10/15/97 97100234	0.00	1.00	0.89	0.90	89	90	1
5.30	5.20	90	88	2	97100234	0.00	0.50	0.47	0.49	94	98	4
9.3	11.0	93	110	17	97100234	0.00	1.00	0.84	0.75	84	75	11
4.3	5.0	86	100	15	97100234	0.00	0.50	0.57	0.59	114	118	3
26.0	26.0	87	87	0	97100234	0.00	3.00	3.00	2.90	100	97	3
7.1	7.6	90	100	7	97100234	0.00	0.50	0.47	0.48	94	96	2
9.6	9.7	96	98	1	97100234	0.00	0.500	0.590	0.580	118	116	2

BOE-C6-0033211

46	47	92	94	2	10/17/97 1 97100217	0 0	20	21	21	105	105	0
50	52	100	104	4	97100217	0 0	20	20	20	100	100	0
40	44	80	88	10	97100217	0 0	20	27	27	135	135	0
45	47	90	94	4	97100217	0 0	20	20	20	100	100	0
58	61	116	122	5	97100217	0 0	20	23	22	115	110	4

BOE-C6-0033212

40	43	80	86	7	OCA100	0.0	50	37	42	74	84	13
64	70	64	70	9	OCA100	0.0	100	56	64	56	64	13

BOE-C6-0033213

66	70	66	70	6	OCA100	0.0	100	65	71	65	71	9
37	39	74	78	5	OCA100	0.0	50	26	29	52	58	11
40	41	80	82	2	OCA100	0.0	50	33	38	66	76	14
67	74	67	74	10	OCA100	0.0	100	64	74	64	74	14
59	63	59	63	7	OCA100	0.0	100	21	26	21	26	21
48	51	96	102	6	OCA100	0.0	50	41	46	82	92	11
41	45	82	90	9	OCA100	0.0	50	27	30	54	60	11

BOE-C6-0033214

					10/17/97							
49	66	20	26	30	OCA 100	0.0	20	8 8	11	44	55	22
					10/17/97							
					OCA 100	0.0	1 0	0.80	0.72	80	72	11

BOE-C6-0033215

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

REQUIRED TAT: 24 hr TAT or ASAP on all soil Analyses Standard TAT Otherwise

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Montgomery Watson	PROJECT NAME: The Boeing Company
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: (626) 568-6588 FAX: (626) 796-5944	SAMPLED BY: IV/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			REMARKS/PRECAUTIONS
B37-GS-203-12'	2	10/14/97	1305	Soil	2 4oz 6" SS Sleeve	Ice					X				24 hr TAT
B37-REG-SP1	2		1342				X	X	X	X	X				24 hr TAT (All analyses)
Equipment Blank	7		1430	Water	4 amber 2 VOAs	None HNO3 HCl	X	X	X	X	X	X			Standard TAT
Rinsate Blank	7		1445				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: 1 Cooler Via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	10/14/97 1500		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [illegible signature]	Date/Time: 10/14/97 15:00

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-C6-0033216

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9687

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals , CCID

Date Sampled: 10/28/97
Date Received: 10/28/97
Date Reported: 11/05/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

MWI 9687

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100413	97100414	97100415	97100416	97100417	LAB SAMP NO	R1	T CONC	SL[8]	DL[8]
							SAMP TYPE	S	S	W	W	W	QC(S)				
							RES CODE	PP01	PP01	BF11	BR11	BT11					
							SAMP ID	B37-GS-206-5'	B37-GS-207-5'	EQUIP BLANK	RINSATE BLANK	TRIP BLANK					
							SAMP DATE	10/28/97	10/28/97	10/28/97	10/28/97	10/28/97					
							SAMP TIME	11:10	13:35	14:50	15:05						
							SAMP DEPTH										
							PRESERVED			, N, H	, N, H	, N, H					
							ICED	Y	Y	Y	Y	Y					
							RECEIVED	10/28/97	10/28/97	10/28/97	10/28/97	10/28/97					
							REC TIME	15:15	15:15	15:15	15:15	15:15					
							BASIS	W	W	W	W	W					
							Tested	10/29/97	10/29/97	11/03/97	11/03/97		10/29/97				
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons	15,000	20,000	<	<		OCA200	0.0	100	107	114
							Tested	10/29/97	10/29/97	11/05/97	11/05/97		10/29/97				
6010	5.0	0.5		T		ppm	Antimony	<	<	<	<		97100413	0.0	30.0	30.0	30.0
6010	1.0	0.1		T		ppm	Arsenic	<	<	<	<		97100413	0.0	10.0	10.0	11.0
6010	0.1	0.01		T		ppm	Barium	150	100	<	<		97100413	15.0	10.0	24.0	25.0
6010	0.1	0.01		T		ppm	Beryllium	<	<	<	<		97100413	0.00	1.00	1.00	1.00
6010	0.1	0.01		T		ppm	Cadmium	<	<	<	<		97100413	0.00	1.00	1.10	1.10
							Tested	10/29/97	10/29/97	10/29/97	10/29/97		10/29/97				
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<		97100414	0.00	1.00	1.1	1.1
							Tested	10/29/97	10/29/97	11/05/97	11/05/97		10/29/97				
6010	0.1	0.01		T		ppm	Chromium Total	29	29	<	<		97100413	2.9	5.0	7.5	7.4
6010	0.5	0.1		T		ppm	Cobalt	15	7.0	<	<		97100413	1.50	1.00	2.40	2.40
6010	0.1	0.01		T		ppm	Copper	12	13	<	<		97100413	1.20	1.00	2.10	2.10
6010	1.0	0.1		T		ppm	Lead	<	<	<	<		97100413	0.00	10.0	8.90	9.80
							Tested	10/29/97	10/29/97	11/04/97	11/04/97		10/29/97				
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<		97100414	0.000	0.020	0.020	0.019
							Tested	10/29/97	10/29/97	11/05/97	11/05/97		10/29/97				
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<		97100413	0.0	10.0	10.0	10.0
6010	0.5	0.1		T		ppm	Nickel	13	9.7	<	<		97100413	1.3	5.0	5.5	5.3
6010	1.0	0.1		T		ppm	Selenium	<	<	<	<		97100413	0.0	10.0	11.0	12.0
6010	0.1	0.1		T		ppm	Silver	<	<	<	<		97100413	0.0	5.0	4.2	4.9
6010	5.0	0.5		T		ppm	Thallium	<	<	<	<		97100413	0.0	30.0	30.0	30.0
6010	0.5	0.1		T		ppm	Vanadium	30	30	<	<		97100413	3.0	5.0	7.8	8.3
6010	0.1	0.01		T		ppm	Zinc	40	50	<	<		97100413	4.0	5.0	8.5	8.8
STLC				S		ppm											
TCLP				C		ppm											
							Tested	10/29/97		10/30/97	10/30/97	10/30/97	10/29/97				
							Dilution Factor	1		1	1	1	1				
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<		<	<	<	97100413	0.0	50	47	45

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8260	2 5	0 5	75-27-4	T		ppb	Bromodichloromethane	<		<	<	<					
8260	2 5	0 5	75-25-2	T		ppb	Bromoform	<		<	<	<					
8260	2 5	1 0	74-83-9	T		ppb	Bromomethane	<		<	<	<					
8260	5 0	0 5	75-15-0	T		ppb	Carbon Disulfide	<		<	<	<					
8260	2 5	0 5	56-23-5	T		ppb	Carbon tetrachloride	<		<	<	<					
8260	2 5	0 5	108-90-7	T		ppb	Chlorobenzene	<		<	<	<	97100413	0 0	50	53	50
8260	2 5	0 5	124-48-1	T		ppb	Chlorodibromomethane	<		<	<	<					
8260	2 5	0 5	75-00-3	T		ppb	Chloroethane	<		<	<	<					
8260	5 0	0 5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<		<	<	<					
8260	2 5	0 5	67-66-3	T		ppb	Chloroform	<		<	<	<					
8260	2 5	0 5	74-87-3	T		ppb	Chloromethane	<		<	<	<					
8260	2 5	0 5	75-34-3	T		ppb	1 1-Dichloroethane	<		<	<	<					
8260	2 5	0 5	107-06-2	T		ppb	1 2-Dichloroethane	<		<	<	<					
8260	2 5	0 5	75-35-4	T		ppb	1 1-Dichloroethene	<		<	<	<	97100413	0 0	50	49	48
8260	2 5	0 5	156-60-5	T		ppb	Trans 1 2-Dichloroethene	<		<	<	<					
8260	2 5	0 5	78-87-5	T		ppb	1 2-Dichloropropane	<		<	<	<					
8260	2 5	0 5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<		<	<	<					
8260	2 5	0 5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<		<	<	<					
8260	2 5	0 5	100-41-4	T		ppb	Ethylbenzene	<		<	<	<					
8260	5 0	2 5	75-09-2	T		ppb	Methylene chloride	<		<	<	<					
8260	2 5	0 5	100-42-5	T		ppb	Styrene	<		<	<	<					
8260	2 5	0 5	79-34-5	T		ppb	1,1 2 2-Tetrachloroethane	<		<	<	<					
8260	2 5	0 5	127-18-4	T		ppb	Tetrachloroethene	<		<	<	<					
8260	2 5	0 5	108-88-3	T		ppb	Toluene	<		<	<	<	97100413	0 0	50	40	37
8260	2 5	0 5	71-55-6	T		ppb	1,1 1-Trichloroethane	<		<	<	<					
8260	2 5	0 5	79-00-5	T		ppb	1,1 2-Trichloroethane	<		<	<	<					
8260	2 5	0 5	79-01-6	T		ppb	Trichloroethene	<		<	<	<	97100413	0 0	50	50	50
8260	5 0	0 5	75-69-4	T		ppb	Trichlorofluoromethane	<		<	<	<					
8260	5 0	1 0	108-05-4	T		ppb	Vinyl acetate	<		<	<	<					
8260	2 5	0 5	75-01-4	T		ppb	Vinyl chloride	<		<	<	<					
8260	2 5	1 0	1330-20-7	T		ppb	Total Xylenes	<		<	<	<					
8260	2 5	0 5	75-71-8	T		ppb	Dichlorodifluoromethane	<		<	<	<					
8260	2 5	0 5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<		<	<	<					
8260	2.5	0 5	594-20-7	T		ppb	2,2-Dichloropropane	<		<	<	<					
8260	2 5	0 5	74-97-5	T		ppb	Bromochloromethane	<		<	<	<					
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<		<	<	<					
8260	2.5	0 5	74-95-3	T		ppb	Dibromomethane	<		<	<	<					
8260	2 5	0 5	106-93-4	T		ppb	1,2-Dibromoethane	<		<	<	<					
8260	2 5	0 5	142-28-9	T		ppb	1,3-Dichloropropane	<		<	<	<					
8260	2.5	0 5	98-82-8	T		ppb	Isopropylbenzene	<		<	<	<					
8260	2.5	0 5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<		<	<	<					
8260	2.5	0 5	96-18-4	T		ppb	1,2,3-Trichloropropane	<		<	<	<					
8260	2.5	0 5	108-86-1	T		ppb	Bromobenzene	<		<	<	<					
8260	2.5	0 5	103-65-1	T		ppb	n-Propylbenzene	<		<	<	<					
8260	2.5	0 5	95-49-8	T		ppb	2-Chlorotoluene	<		<	<	<					
8260	2.5	0 5	108-67-8	T		ppb	1,3,5-Trimethylbenzene	<		<	<	<					
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene	<		<	<	<					
8260	2 5	0 5	98-06-6	T		ppb	tert-Butylbenzene	<		<	<	<					
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene	<		<	<	<					

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8260	2 5	0 5	135-98-8	T		ppb	sec-Butylbenzene	<		<	<	<					
8260	2 5	0 5	99-87-6	T		ppb	4-Isopropyltoluene	<		<	<	<					
8260	2 5	0 5	541-73-1	T		ppb	1,3-Dichlorobenzene	<		<	<	<					
8260	2 5	0 5	106-46-7	T		ppb	1,4-Dichlorobenzene	<		<	<	<					
8260	2 5	0 5	104-51-8	T		ppb	n-Butylbenzene	<		<	<	<					
8260	2 5	0 5	95-50-1	T		ppb	1,2-Dichlorobenzene	<		<	<	<					
8260	5 0	1 0	96-12-8	T		ppb	1,2-Dibromo-3-CPA	<		<	<	<					
8260	2 5	0 5	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<		<	<	<					
8260	2 5	0 5	87-68-3	T		ppb	Hexachlorobutadiene	<		<	<	<					
8260	2 5	0 5	91-20-3	T		ppb	Naphthalene	<		<	<	<					
8260	2 5	0 5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	<		<	<	<					
					T	%	Dibromofluoromethane	108		106	104	105					
					T	%	Toluene-d8	83		108	108	107					
					T	%	4-Bromofluorobenzene	84		103	103	103					
							Tested	10/29/97		10/30/97	10/30/97		10/29/97				
							Dilution Factor	1		1	1						
8270	100	5 0	83-32-9	T		ppb	Acenaphthene	<		<	<		OCA200	0 0	50	44	44
8270	100	5 0	208-96-8	T		ppb	Acenaphthylene	<		<	<						
8270	100	5 0	62-53-3	T		ppb	Aniline	<		<	<						
8270	100	5 0	120-12-7	T		ppb	Anthracene	<		<	<						
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<		<	<						
8270	100	5 0	56-55-3	T		ppb	Benzo (a) anthracene	<		<	<						
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene	<		<	<						
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene	<		<	<						
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene	<		<	<						
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene	<		<	<						
8270	100	50	100-51-6	T		ppb	Benzyl alcohol	<		<	<						
8270	100	5 0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane	<		<	<						
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether	<		<	<						
8270	100	5 0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether	<		<	<						
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate	<		<	<						
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether	<		<	<						
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate	<		<	<						
8270	100	5 0	106-47-8	T		ppb	4-Chloroaniline	<		<	<						
8270	100	5 0	91-58-7	T		ppb	2-Chloronaphthalene	<		<	<						
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol	<		<	<		OCA200	0 0	100	73	72
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol	<		<	<		OCA200	0 0	100	75	77
8270	100	5 0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter	<		<	<						
8270	100	5.0	218-0109	T		ppb	Chrysene	<		<	<						
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene	<		<	<						
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran	<		<	<						
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate	<		<	<						
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene	<		<	<						
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene	<		<	<		OCA200	0.0	50	40	40
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene	<		<	<						
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine	<		<	<						
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol	<		<	<						

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8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate	<		<	<						
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol	<		<	<						
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate	<		<	<						
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol	<		<	<						
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol	<		<	<						
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene	<		<	<						
8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene	<		<	<						
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate	<		<	<						
8270	100	5.0	206-44-0	T		ppb	Fluoranthene	<		<	<						
8270	100	5.0	86-73-7	T		ppb	Fluorene	<		<	<						
8270	100	5.0	118-74-1	T		ppb	Hexachlorobenzene	<		<	<						
8270	100	5.0	87-68-3	T		ppb	Hexachlorobutadiene	<		<	<						
8270	100	5.0	77-47-4	T		ppb	Hexachlorocyclopentadiene	<		<	<						
8270	100	5.0	67-72-1	T		ppb	Hexachloroethane	<		<	<						
8270	250	25	193-39-5	T		ppb	Indeno(1,2,3-cd)pyrene	<		<	<						
8270	100	5.0	78-59-1	T		ppb	Isophorone	<		<	<						
8270	100	5.0	91-57-6	T		ppb	2-Methylnaphthalene	<		<	<						
8270	100	5.0	95-48-7	T		ppb	2-Methylphenol	<		<	<						
8270	100	5.0	106-44-5	T		ppb	4-Methylphenol	<		<	<						
8270	100	5.0	91-20-3	T		ppb	Naphthalene	<		<	<						
8270	250	50	88-74-4	T		ppb	2-Nitroaniline	<		<	<						
8270	250	50	99-09-2	T		ppb	3-Nitroaniline	<		<	<						
8270	250	50	100-01-6	T		ppb	4-Nitroaniline	<		<	<						
8270	100	5.0	98-95-3	T		ppb	Nitrobenzene	<		<	<						
8270	100	5.0	88-75-5	T		ppb	2-Nitrophenol	<		<	<						
8270	100	50	100-02-7	T		ppb	4-Nitrophenol	<		<	<						
8270	100	5.0	86-30-6	T		ppb	N-Nitrosodiphenylamine	<		<	<						
8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine	<		<	<	OCA200	0.0	50	37	38	
8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine	<		<	<						
8270	250	50	87-86-5	T		ppb	Pentachlorophenol	<		<	<	OCA200	0.0	100	80	77	
8270	100	5.0	85-01-8	T		ppb	Phenanthrene	<		<	<						
8270	100	5.0	108-95-2	T		ppb	Phenol	<		<	<	OCA200	0.0	100	72	73	
8270	100	5.0	129-00-0	T		ppb	Pyrene	<		<	<	OCA200	0.0	50	60	56	
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<		<	<	OCA200	0.0	50	38	38	
8270	100	5.0	95-95-4	T		ppb	2,4,5-Trichlorophenol	<		<	<						
8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol	<		<	<						
							Tested			11/03/97	11/03/97						
							Dilution Factor			1	1						
8080	20	5.0	12674-11-2	T		ppb	PCB-1016			<	<						
8080	20	5.0	11104-28-2	T		ppb	PCB-1221			<	<						
8080	20	5.0	11141-16-5	T		ppb	PCB-1232			<	<						
8080	20	5.0	53469-21-9	T		ppb	PCB-1242			<	<						
8080	20	5.0	12672-29-6	T		ppb	PCB-1248			<	<						
8080	20	5.0	11097-69-1	T		ppb	PCB-1254			<	<						
8080	20	5.0	11096-82-5	T		ppb	PCB-1260			<	<						
							Tested			11/03/97	11/03/97						
							Dilution Factor			1	1						

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8080	1 0	0 1	309-00-2	T		ppb	Aldrin			<	<							
8080	1 0	0 2	319-84-6	T		ppb	alpha-BHC			<	<							
8080	1 0	0 2	319-85-7	T		ppb	beta-BHC			<	<							
8080	2 0	0 2	319-86-8	T		ppb	gamma-BHC			<	<							
8080	1 0	0 2	58-89-9	T		ppb	gamma-BHC (Lindane)			<	<							
8080	10	0 2	57-74-9	T		ppb	Chlordane			<	<							
8080	2 0	0 5	72-54-9	T		ppb	4,4'-DDD			<	<							
8080	5 0	0 1	72-55-9	T		ppb	4,4'-DDE			<	<							
8080	1 0	0 1	50-29-3	T		ppb	4,4'-DDT			<	<							
8080	2 0	0 5	60-57-1	T		ppb	Dieldrin			<	<							
8080	1 0	0 5	959-98-8	T		ppb	Endosulfan I			<	<							
8080	2 0	0 5	33213-65-9	T		ppb	Endosulfan II			<	<							
8080	10	0 5	1031-07-8	T		ppb	Endosulfan sulfate			<	<							
8080	2 0	0 02	72-20-8	T		ppb	Endrin			<	<							
8080	2 0	0 2	7421-93-4	T		ppb	Endrin aldehyde			<	<							
8080	1 0	0 1	76-44-8	T		ppb	Heptachlor			<	<							
8080	1 0	0 2	1024-57-3	T		ppb	Heptachlor epoxide			<	<							
8080	30	9 0	72-43-5	T		ppb	Methoxychlor			<	<							
8080	35	0 5	8001-35-2	T		ppb	Toxaphene			<	<							
							Tested	10/31/97	10/31/97									
8015m				T		ppm	Up to & Including C-12	<	11									
8015m				T		ppm	C13-22	130	1,500									
8015m				T		ppm	C23 & Higher	140	4,100									
							Tested						10/31/97					
8015m	8	1		T		ppm	Diesel						OCA 200	0 0	100	57	63	

(a) QC units for Method 8270 are reported in ng

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			QC(W)							
RECOVER	D RECOVE	RPD	LAB SAMP NO	R1	1 CONC	SL[8]	DL[8]	RECOVER	D RECOVE	RPD
107	114	6	11/03/97 OCA 100	0 0	2 5	2 4	2 3	96	92	4
100	100	0	11/05/97 97100416	0 00	3 00	3 20	3 20	107	107	0
100	110	10	97100416	0 00	1 00	1 10	1 20	110	120	9
90	100	4	97100416	0 000	1 000	1 100	1 100	110	110	0
100	100	0	97100416	0 00	0 100	0 10	0 10	100	100	0
110	110	0	97100416	0 00	0 100	0 11	0 11	110	110	0
110	110	0	10/29/97 97100416	0 00	0 50	0 51	0 53	102	106	4
92	90	1	11/05/97 97100416	0 00	0 500	0 560	0.570	112	114	2
90	90	0	97100416	0 00	0 100	0 097	0 100	97	100	3
90	90	0	97100416	0 000	0 100	0 100	0 110	100	110	10
89	98	10	97100416	0 00	1 00	1 00	1 10	100	110	10
100	95	5	11/04/97 OCA 100	0 000	0 020	0 017	0.018	85	90	6
100	100	0	11/05/97 97100416	0 00	1 00	1 10	1.10	110	110	0
84	80	4	97100416	0 00	0 50	0 48	0 50	96	100	4
110	120	9	97100416	0 00	1 00	1 20	1 10	120	110	9
84	98	15	97100416	0 00	0 50	0 50	0 53	100	106	6
100	100	0	97100416	0 00	3 00	3 40	3 50	113	117	3
96	106	6	97100416	0 00	0 50	0 54	0 53	108	106	2
90	96	3	97100416	0 000	0 500	0 53	0 56	106	112	6
94	90	4	10/30/97 1 97100417	0 0	20	18	18	90	90	0

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106	100	6	97100417	0.0	20	18	18	90	90	0
98	96	2	97100417	0.0	20	15	15	75	75	0
80	74	8	97100417	0.0	20	19	19	95	95	0
100	100	0	97100417	0.0	20	17	17	85	85	0

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			10/30/97							
88	88	0	OCA100	0 0	50	46	44	92	88	4
73	72	1	OCA100	0 0	100	68	65	68	65	5
75	77	3	OCA100	0 0	100	73	72	73	72	1
80	80	0	OCA100	0 0	50	40	40	80	80	0

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74	76	3	OCA100	0 0	50	39	37	78	74	5
80	77	4	OCA100	0 0	100	74	73	74	73	1
72	73	1	OCA100	0 0	100	23	20	23	20	14
120	112	7	OCA100	0 0	50	45	44	90	88	2
76	76	0	OCA100	0 0	50	45	41	90	82	9
			11/03/97 OCA100	0 0	20	15	16	75	80	6

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			11/03/97 OCA100	0 0	1 0	0 57	0 56	57	56	2
57	63	10								

BOE-C6-0033228

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 10/30/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please perform Carbon Chain analyses on the following samples on rush turn-around time:

B37-GS-206-5'
B37-GS-207-5'

Also, please analyze the following sample for VOCs (8260), SVOCs (8270), and PCBs (8080) on standard turn-around time:

B37-GS-209-10'

Please call me at (626) 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

REQUIRED TAT: SEE REMARKS

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
SEND REPORT TO:	Fred Strayss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	C-6 Facility
		ADDRESS:	19503 S. Normandie Ave. Los Angeles, CA
PHONE:	(626) 568-6582 FAX: (626) 568-6515	SAMPLED BY:	IV, 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			REMARKS/PRECAUTIONS
B37-GS-206-5'	2	10/28/97	1110	SOIL	2"x6" SS Sleeve	ICE	X	X	X	X					Rush 24 hr TAT or ASAP
B37-GS-207-5'	2	10/28/97	1335	↓	↓		X	X							Rush 24 hr TAT or ASAP
Equipment Blank	7	10/28/97	1450	WATER	4 amber Poly 2 VOAs	none HNO3 HCl	X	X	X	X	X	X			Standard TAT
Rinsate Blank	7	10/28/97	1505	↓	↓	↓	X	X	X	X	X	X			↓
Trip Blank	2	10/28/97	—	↓	2 VOAs	HCl			X						

Total No. of Samples: 5

Method of Shipment: 1 cooler via Orange Coast Analytical

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	10/28/97 1515		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	10/29/97 15:15

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-C6-0033230

Appendix B

MONTGOMERY WATSON

B-1

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9711

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals , 8015m , CCID

Date Sampled: 11/11/97
Date Received: 11/11/97
Date Reported: 11/19/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97110066	97110067	97110068	97110069	97110070	97110071	97110072	97110073
							SAMP TYPE	S	S	S	S	S	S	S	W
							RES CODE	PP01	PP01	PP01	PP01	PP01	PP01	PP01	BF11
							SAMP ID	WL-GS-13-5'	WL-GS-14-4'	WL-GS-15-5'	WL-GS-16-5'	WL-GS-17-6'	PL-GS-16-2'	PL-GS-17-3'	EQUIP BLANK
							SAMP DATE	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97
							SAMP TIME	9:30	9:40	9:50	10:05	10:15	13:15	13:45	14:35
							SAMP DEPTH	5'	4'	5'	5'	6'	2'	3'	
							PRESERVED								, N, H
							ICED	Y	Y	Y					Y
							RECEIVED	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97
							REC TIME	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00
							BASIS	W	W	W	W	W	W	W	W
							Tested	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/14/97
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons	250	<	<	66	<	200	110	<
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/13/97
6010	5.0	0.5		T		ppm	Antimony	<	<	<	<	<	<	<	<
6010	1.0	0.1		T		ppm	Arsenic	5.3	1.2	1.6	4.1	1.4	1.8	2.5	<
6010	0.1	0.01		T		ppm	Barium	87	100	110	90	95	110	110	<
6010	0.1	0.01		T		ppm	Beryllium	<	<	<	<	<	<	<	<
6010	0.1	0.01		T		ppm	Cadmium	0.81	<	<	0.52	<	<	<	<
							Tested	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<	<	<	<	<
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/13/97
6010	0.1	0.01		T		ppm	Chromium Total	22	16	18	22	15	17	19	<
6010	0.5	0.1		T		ppm	Cobalt	7.4	7.1	7.4	7.6	8.5	8.5	9.3	<
6010	0.1	0.01		T		ppm	Copper	26	15	16	29	15	22	22	<
6010	1.0	0.1		T		ppm	Lead	10	2.4	2.6	15	2.3	4.6	3.7	<
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<	<	<	<	<
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/13/97
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Nickel	12	12	12	12	10	12	12	<
6010	1.0	0.1		T		ppm	Selenium	<	<	<	<	<	<	<	<
6010	0.1	0.1		T		ppm	Silver	<	<	<	<	<	<	<	<
6010	5.0	0.5		T		ppm	Thallium	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Vanadium	29	31	34	29	32	34	36	<
6010	0.1	0.01		T		ppm	Zinc	48	31	33	52	30	35	40	<
							Tested								
STLC		5.0		S		ppm	Antimony								
		1.0		S		ppm	Arsenic								
		0.1		S		ppm	Barium								
		0.1		S		ppm	Beryllium								
		0.1		S		ppm	Cadmium								
		0.5		S		ppm	Chromium (VI)								
		0.1		S		ppm	Chromium Total								
		0.5		S		ppm	Cobalt								
		0.1		S		ppm	Copper								

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		1.0		S		ppm	Lead								
		0.01		S		ppm	Mercury								
		0.5		S		ppm	Molybdenum								
		0.5		S		ppm	Nickel								
		1.0		S		ppm	Selenium								
		0.1		S		ppm	Silver								
		5.0		S		ppm	Thallium								
		0.5		S		ppm	Vanadium								
		0.1		S		ppm	Zinc								
							Tested								
TCLP		5.0		C		ppm	Antimony								
		1.0		C		ppm	Arsenic								
		0.1		C		ppm	Barium								
		0.1		C		ppm	Beryllium								
		0.1		C		ppm	Cadmium								
		0.5		C		ppm	Chromium (VI)								
		0.1		C		ppm	Chromium Total								
		0.5		C		ppm	Cobalt								
		0.1		C		ppm	Copper								
		1.0		C		ppm	Lead								
		0.01		C		ppm	Mercury								
		0.5		C		ppm	Molybdenum								
		0.5		C		ppm	Nickel								
		1.0		C		ppm	Selenium								
		0.1		C		ppm	Silver								
		5.0		C		ppm	Thallium								
		0.5		C		ppm	Vanadium								
		0.1		C		ppm	Zinc								
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/17/97	11/12/97	11/12/97	11/13/97
							Dilution Factor	1	1	1	1	1	1	1	1
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<	<	<	<	<
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<	<	<	<	<
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<	<	<	<	<
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<	<	<	<	<
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<	<	<	<	<
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<	<	<	<	<
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<	<	<	<	<
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<	<	<	<	<
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<	<	<	<	<

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8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<	<	<	<	<	<	<	<
8260	2.5	0.5	100-42-5	T		ppb	Styrene	<	<	<	<	<	<	<	<
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-88-3	T		ppb	Toluene	<	<	<	<	<	<	<	<
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene	<	<	<	<	<	<	<	<
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane	<	<	<	<	<	<	<	<
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride	<	<	<	<	<	<	<	<
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<	<	<	<	<	<	<	<
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene	<	<	<	<	<	<	<	<
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene	<	<	<	<	<	<	<	<
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<	<	<	<	<
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA	<	<	<	<	<	<	<	<
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<	<	<	<	<
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene	<	<	<	<	<	<	<	<
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	<	<	<	<	<	<	<	<
					T	%	Dibromofluoromethane	99	96	98	98	92	101	99	100
					T	%	Toluene-d8	106	107	110	107	107	103	107	108
					T	%	4-Bromofluorobenzene	96	102	100	88	96	92	99	97
							Tested	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97
							Dilution Factor	1	1	1	1	1	1	1	1
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	310	<	<	<	<	<	<	<
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene	<	<	<	<	<	<	<	<
8270	100	5.0	62-53-3	T		ppb	Aniline	<	<	<	<	<	<	<	<
8270	100	5.0	120-12-7	T		ppb	Anthracene	540	<	<	<	<	<	<	<
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<	<	<	<	<	<	<	<

BOE-C6-0033236

8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene	460	<	<	<	<	<	<	<
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene	280	<	<	<	<	<	<	<
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene	370	<	<	<	<	<	<	<
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene	<	<	<	<	<	<	<	<
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene	420	<	<	<	<	<	<	<
8270	100	50	100-51-6	T		ppb	Benzyl alcohol	<	<	<	<	<	<	<	<
8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane	<	<	<	<	<	<	<	<
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether	<	<	<	<	<	<	<	<
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether	<	<	<	<	<	<	<	<
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether	<	<	<	<	<	<	<	<
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline	<	<	<	<	<	<	<	<
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene	<	<	<	<	<	<	<	<
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter	<	<	<	<	<	<	<	<
8270	100	5.0	218-0109	T		ppb	Chrysene	480	<	<	110	<	<	<	<
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene	<	<	<	<	<	<	<	<
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran	470	<	<	<	<	<	<	<
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine	<	<	<	<	<	<	<	<
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate	<	<	<	<	<	<	<	<
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol	<	<	<	<	<	<	<	<
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol	<	<	<	<	<	<	<	<
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene	<	<	<	<	<	<	<	<
8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene	<	<	<	<	<	<	<	<
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	206-44-0	T		ppb	Fluoranthene	1,400	<	<	110	<	<	<	<
8270	100	5.0	86-73-7	T		ppb	Fluorene	600	<	<	<	<	<	<	<
8270	100	5.0	118-74-1	T		ppb	Hexachlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<	<	<	<	<
8270	100	5.0	77-47-4	T		ppb	Hexachlorocyclopentadiene	<	<	<	<	<	<	<	<
8270	100	5.0	67-72-1	T		ppb	Hexachloroethane	<	<	<	<	<	<	<	<
8270	250	25	193-39-5	T		ppb	Indeno(1,2,3-cd)pyrene	250	<	<	<	<	<	<	<
8270	100	5.0	78-59-1	T		ppb	Isophorone	<	<	<	<	<	<	<	<
8270	100	5.0	91-57-6	T		ppb	2-Methylnaphthalene	620	<	<	<	<	<	<	<
8270	100	5.0	95-48-7	T		ppb	2-Methylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	106-44-5	T		ppb	4-Methylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	91-20-3	T		ppb	Naphthalene	3,500	<	<	<	<	<	<	<
8270	250	50	88-74-4	T		ppb	2-Nitroaniline	<	<	<	<	<	<	<	<
8270	250	50	99-09-2	T		ppb	3-Nitroaniline	<	<	<	<	<	<	<	<
8270	250	50	100-01-6	T		ppb	4-Nitroaniline	<	<	<	<	<	<	<	<
8270	100	5.0	98-95-3	T		ppb	Nitrobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	88-75-5	T		ppb	2-Nitrophenol	<	<	<	<	<	<	<	<
8270	100	50	100-02-7	T		ppb	4-Nitrophenol	<	<	<	<	<	<	<	<
8270	100	5.0	86-30-6	T		ppb	N-Nitrosodiphenylamine	<	<	<	<	<	<	<	<

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8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine	<	<	<	<	<	<	<	<
8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine	<	<	<	<	<	<	<	<
8270	250	50	87-86-5	T		ppb	Pentachlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	85-01-8	T		ppb	Phenanthrene	2,100	<	<	<	<	<	<	<
8270	100	5.0	108-95-2	T		ppb	Phenol	<	<	<	<	<	<	<	<
8270	100	5.0	129-00-0	T		ppb	Pyrene	1,100	<	<	110	<	<	<	<
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	95-95-4	T		ppb	2,4,5-Trichlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol	<	<	<	<	<	<	<	<
							Tested	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/18/97
							Dilution Factor	1	1	1	1	1	1	1	1
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<	<	<	<	<	<	<	<
8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<	<	<	<	<	<	<	<
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<	<	<	<	<	<	<	<
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<	<	<	<	<	<	<	<
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<	<	<	<	<	<	<	<
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<	<	<	<	<	<	<	<
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	50	<	<	<	<	<	35	<
							Tested								11/17/97
							Dilution Factor								1
8080	1.0	0.1	309-00-2	T		ppb	Aldrin								<
8080	1.0	0.2	319-84-6	T		ppb	alpha-BHC								<
8080	1.0	0.2	319-85-7	T		ppb	beta-BHC								<
8080	2.0	0.2	319-86-8	T		ppb	gamma-BHC								<
8080	1.0	0.2	58-89-9	T		ppb	gamma-BHC (Lindane)								<
8080	10	0.2	57-74-9	T		ppb	Chlordane								<
8080	2.0	0.5	72-54-9	T		ppb	4,4'-DDD								<
8080	5.0	0.1	72-55-9	T		ppb	4,4'-DDE								<
8080	1.0	0.1	50-29-3	T		ppb	4,4'-DDT								<
8080	2.0	0.5	60-57-1	T		ppb	Dieldrin								<
8080	1.0	0.5	959-98-8	T		ppb	Endosulfan I								<
8080	2.0	0.5	33213-65-9	T		ppb	Endosulfan II								<
8080	10	0.5	1031-07-8	T		ppb	Endosulfan sulfate								<
8080	2.0	0.02	72-20-8	T		ppb	Endrin								<
8080	2.0	0.2	7421-93-4	T		ppb	Endrin aldehyde								<
8080	1.0	0.1	76-44-8	T		ppb	Heptachlor								<
8080	1.0	0.2	1024-57-3	T		ppb	Heptachlor epoxide								<
8080	30	9.0	72-43-5	T		ppb	Methoxychlor								<
8080	35	0.5	8001-35-2	T		ppb	Toxaphene								<
							Tested	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	
8015m				T		ppm	Up to & Including C-12	0.93	<	<	<	<	3.9	<	
8015m				T		ppm	C13-22	22	<	<	32	<	79	18	
8015m				T		ppm	C23 & Higher	78	<	<	72	<	21	35	
8015m	8.0	0.5				ppm	Total	100	<	<	100	<	100	53	
							Tested	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97
8015m	8.0	0.5		T		ppm	Diesel	<	<	<	<	<	100	<	<
							Tested	11/17/97	11/17/97	11/17/97	11/17/97	11/17/97	11/17/97	11/17/97	11/17/97

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MWI 9711

8015m	5.0	0.05		T		ppm	Gas	<	<	<	<	<	<	<	<
9060	5.0	1.0		T		ppm	***Tested*** TOC								
9081	1.0	1.0		T		ppm	***Tested*** Cation Exchange Capacity								

(a) QC units for Method 8270 are reported in ng.

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MWI 9711

		QC(S)								QC(W)								QC(S2)		
W BR11 RINSATE BLANK 11/11/97 14:45 , N, H Y 11/11/97 15:00 W	W BT11 TRIP BLANK 11/11/97 , N, H Y 11/11/97 15:00 W																			
97110074	97110075	LAB SAMP NO.	R1	T CONC	SL[e]	DL[e]	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL[e]	DL[e]	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC
11/14/97		11/12/97								11/14/97										
<		97100440	0.0	100	100	100	100	100	0	OCA 100	0.0	2.5	2.2	2.1	88	84	5			
11/13/97		11/14/97								11/13/97										
<		97110066	0.0	30.0	27.2	27.3	91	91	0	97110073	0.00	3.00	3.01	3.06	100	102	2			
<		97110066	0.5	10.0	9.7	9.7	91	91	0	97110073	0.00	1.00	1.00	1.02	100	102	2			
<		97110066	8.7	10.0	17.0	17.1	83	84	1	97110073	0.00	0.100	0.102	0.103	102	103	1			
<		97110066	0.00	1.00	0.84	0.84	84	84	0	97110073	0.00	0.100	0.10	0.10	101	102	1			
<		97110066	0.08	1.00	0.95	0.95	87	87	0	97110073	0.00	0.100	0.10	0.10	100	102	2			
11/12/97		11/12/97								11/12/97										
<		97110067	0.00	1.00	1.00	1.00	100	100	0	97110074	0.00	0.50	0.51	0.50	102	100	2			
11/13/97		11/14/97								11/13/97										
<		97110066	2.20	5.00	6.55	6.59	87	88	1	97110073	0.00	0.100	0.10	0.10	99	101	2			
<		97110066	0.74	1.00	1.55	1.54	81	80	1	97110073	0.00	0.100	0.10	0.10	102	104	2			
<		97110066	2.60	1.00	3.54	3.56	94	96	1	97110073	0.00	0.100	0.104	0.105	104	105	1			
<		97110066	0.96	10.0	9.75	9.79	88	88	0	97110073	0.00	1.00	0.98	0.99	98	99	2			
11/14/97		11/14/97								11/14/97										
<		97110068	0.00	0.020	0.021	0.022	105	110	5	OCA100	0.00	0.020	0.023	0.022	115	110	4			
11/13/97		11/14/97								11/13/97										
<		97110066	0.0	10.0	8.2	8.3	82	83	1	97110073	0.00	1.00	0.99	1.02	99	102	3			
<		97110066	1.20	5.00	5.86	5.94	93	95	1	97110073	0.00	0.50	0.51	0.52	103	104	1			
<		97110066	0.0	10.0	9.8	9.8	98	98	0	97110073	0.00	1.00	0.98	1.03	98	103	5			
<		97110066	0.0	5.0	4.3	4.3	86	86	0	97110073	0.00	0.50	0.51	0.52	102	104	2			
<		97110066	0.0	30.0	30.9	31.0	103	103	0	97110073	0.00	3.00	2.91	2.93	97	98	1			
<		97110066	2.9	5.0	7.0	7.0	82	82	0	97110073	0.00	0.50	0.50	0.51	100	101	1			
<		97110066	4.8	5.0	8.8	8.9	80	82	1	97110073	0.00	0.100	0.102	0.104	102	104	2			

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11/13/97	11/13/97	11/12/97								11/13/97								11/14/97		
1	1																			
<	<	97110072	0.0	50	51	54	102	108	6	97110049	0.0	20	19	20	95	100	5	OCA 200	0.0	50
<	<																			
<	<																			
<	<																			
<	<																			
<	<																			
<	<	97110072	0.0	50	49	51	98	102	4	97110049	0.0	20	18	19	90	95	5	OCA 200	0.0	50
<	<																			
<	<																			
<	<																			
<	<																			
<	<																			
<	<																			
<	<																			
<	<	97110072	0.0	50	60	62	120	124	3	97110049	0.0	20	20	23	100	115	14	OCA 200	0.0	50
<	<																			
<	<																			
<	<																			
<	<																			
<	<																			

BOE-C6-0033241

<	<	97110072	0.0	50	53	55	106	110	4	97110049	0.0	20	19	21	95	105	10	OCA 200	0.0	50
<	<	97110072	0.0	50	51	53	102	106	4	97110049	0.0	20	17	19	85	95	11	OCA 200	0.0	50
<	<																			
102 108 102	97 110 100																			
11/13/97 1		11/13/97								11/13/97										
<		97110068	0.0	50	40	39	80	78	3	OCA100	0.0	50	41	39	82	78	5			

<		97110068	0.0	100	74	66	74	66	11	OCA100	0.0	100	55	52	55	52	6			
<		97110068	0.0	100	64	64	64	64	0	OCA100	0.0	100	65	64	65	64	2			
<		97110068	0.0	50	36	36	72	72	0	OCA100	0.0	50	28	26	56	52	7			

<		97110068	0.0	50	41	37	82	74	10	OCA100	0.0	50	37	42	74	84	13					
<																						
<		97110068	0.0	100	73	68	73	68	7	OCA100	0.0	100	72	69	72	69	4					
<																						
<		97110068	0.0	100	60	60	60	60	0	OCA100	0.0	100	19	19	19	19	0					
<		97110068	0.0	50	40	38	80	76	5	OCA100	0.0	50	40	40	80	80	0					
<		97110068	0.0	50	39	37	78	74	5	OCA100	0.0	50	27	25	54	50	8					
<																						
<																						
11/18/97		11/12/97								11/18/97												
1																						
<																						
<																						
<																						
<																						
<																						
<		OCA200	0.0	250	92	68	37	27	30													
<										OCA100	0.0	20	7.1	9.5	38	48	29					
11/17/97										11/17/97												
1																						
<																						
<																						
<																						
<																						
<																						
<																						
<																						
<										OCA100	0.0	1.0	0.58	0.59	58	59	2					
<																						
<																						
<																						
<																						
<																						
<																						
<																						
<																						
<																						
11/13/97		11/13/97								11/13/97												
<		OCA 200	0.0	100	75	68	75	68	10	OCA 100	0.0	5	4.4	3.8	88	76	15					
11/17/97		11/17/97								11/17/97												

BOE-C6-0033244

MWI 9711

<		OCA200	0.0	50	51	55	102	110	8	97110073	0.0	0.250	0.264	0.230	106	92	14			

BOE-C6-0033245

SL[a]	DL[a]	RECOVER	D RECOVER	RPD

BOE-C6-0033246

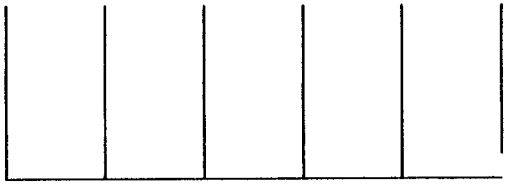
53	53	106	106	0
49	50	98	100	2
59	60	118	120	2

BOE-C6-0033247

56	57	112	114	2
50	50	100	100	0

BOE-C6-0033248

BOE-C6-0033249



BOE-C6-0033251

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

REQUIRED TAT: 24 hr TAT on Soil TRPH and PCBs; 5 day TAT on Soil Otherwise Standard TAT on Water

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
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 90501
PHONE:	(626) 568-6582 FAX: (626) 796-5941	SAMPLED BY:	IV/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	Carbon Chain	8015 Gasoline	8015 Diesel	REMARKS/PRECAUTIONS
WL-GS-13-5'	2	11/11/97	0930	SOIL	2"x6" SS SLEEVE	ICE	X	X	X	X	X		X	X	X	
WL-GS-14-4'	2	11/11/97	0940				X	X	X	X	X		X	X	X	
WL-GS-15-5'	2	11/11/97	0950				X	X	X	X	X		X	X	X	
WL-GS-16-5'	2	11/11/97	1005				X	X	X	X	X		X	X	X	
WL-GS-17-6'	2	11/11/97	1015				X	X	X	X	X		X	X	X	
PL-GS-16-2'	2	11/11/97	1315				X	X	X	X	X		X	X	X	
PL-GS-17-3'	2	11/11/97	1345				X	X	X	X	X		X	X	X	
Equipment Blank	9	11/11/97	1435	WATER	Sampler Poly 3 VOAs	None and HCl	X	X	X	X	X	X		X	X	
Rinsate Blank	9	11/11/97	1445				X	X	X	X	X	X		X	X	
Trip Blank	2	11/11/97	—		2 VOAs	HCl			X							

Total No. of Samples: 10

Method of Shipment: 1 Cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	11/11/97 1500		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	11/11/97 15:00

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]sal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0033252

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: The Boeing Company
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/04/97
Reported: 09/04/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97090031	B44-GS-6-8'	12
97090032	B44-RE1-SP1	22

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil, B44-GS-6-8'

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/05/97
Reported: 09/12/97

Laboratory Sample Number: 97090031
Laboratory Reference #: MWI 9516

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	75
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	13
Cobalt	6010	80	8000	0.5	10
Copper	6010	25	2500	0.1	13
Lead	6010	5.0	1000	1.0	2.8
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	29
Zinc	6010	250	5000	0.1	36

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: The Boeing company
Client Project #: 1206035.01090010

Sample Description: Soil, B44-GS-6-8'
Laboratory Sample Number: 97090031
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/05/97
Reported: 09/12/97

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, B44-GS-6-8'
Laboratory Sample #: 97090031

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	99
Toluene-d8	100
4-Bromofluorobenzene	93

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

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil, B44-GS-6-8'
Laboratory Sample Number: 97090031
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/08/97
Reported: 09/12/97

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	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, B44-GS-6-8'
Laboratory Sample #: 97090031

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: The Boeing Company
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/11/97
Reported: 09/12/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97090033	Equip Blank	N.D.
97090034	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: The Boeing Comapny
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/10/97
Reported: 09/12/97

Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

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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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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/10/97
Reported: 09/12/97

Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

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 #: 97090033

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	101
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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/05/97
Reported: 09/12/97

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 #: 97090034

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	104
4-Bromofluorobenzene	92

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97090035
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/05/97
Reported: 09/12/97

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 #: 97090035

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	95

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

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

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 #: 97090033

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: The Boeing Company
Client Project #: 1206035.01090010

Sampled: 09/03/97
Received: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

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 #: 97090034

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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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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 09/03/97
Recevied: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 09/03/97
Recevied: 09/03/97
Analyzed: 09/09/97
Reported: 09/12/97

Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 09/03/97
Recevied: 09/03/97
Analyzed: 09/10/97
Reported: 09/12/97

Laboratory Sample Number: 97090033
Laboratory Reference #: MWI 9516

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
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 09/03/97
Recevied: 09/03/97
Analyzed: 09/10/97
Reported: 09/12/97

Laboratory Sample Number: 97090034
Laboratory Reference #: MWI 9516

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 : PCB 'S (EPA 8080)

Date of Analysis : 09/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9516

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	11	12	55	60	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 : 09/10/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9516

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	0.64	0.67	64	67	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 : 09/05/97
Laboratory Sample No : 97090031
Laboratory Reference No : MWI 9516

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	54	54	108	108	0
Trichloroethene	0.0	50	49	49	98	98	0
Toluene	0.0	50	52	53	104	106	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 : 09/09/97
Laboratory Sample No : 97090033
Laboratory Reference No : MWI 9516

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	20	90	100	11
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	17	17	85	85	0
Toluene	0.0	20	19	20	95	100	5
Chlorobenzene	0.0	20	18	19	90	95	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 : 09/04/10/11/97
Laboratory Sample No : 97090033, 97090034
Laboratory Reference No : MWI 9516

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.90	3.30	97	110	13
Arsenic	0.00	1.00	1.20	1.40	120	140	15
Barium	0.00	1.00	1.20	1.30	120	130	8
Beryllium	0.00	0.100	0.100	0.110	100	110	10
Cadmium	0.00	0.100	0.110	0.120	110	120	9
Chromium (VI)	0.00	0.50	0.48	0.46	96	92	4
Chromium (Total)	0.00	1.000	0.660	0.710	66	71	7
Cobalt	0.00	0.100	0.120	0.120	120	120	0
Copper	0.000	0.100	0.100	0.110	100	110	10
Lead	0.00	1.00	1.20	1.20	120	120	0
Mercury	0.000	0.020	0.020	0.021	100	105	5
Molybdenum	0.00	1.00	1.00	1.20	100	120	18
Nickel	0.00	0.50	0.54	0.59	108	118	9
Selenium	0.00	2.00	1.72	2.10	86	105	20
Silver	0.00	0.50	0.43	0.46	86	92	7
Thallium	0.00	3.00	3.00	3.20	100	107	6
Vanadium	0.00	0.50	0.46	0.53	92	106	14
Zinc	0.000	1.000	0.670	0.810	67	81	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 : Metals

Date of Analysis : 09/04/05/08/97
Laboratory Sample No : 97090041, 97090031
Laboratory Reference No : MWI 9516

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	26.5	26.1	88	87	2
Arsenic	0.0	10.0	8.2	8.2	82	82	0
Barium	7.5	10.0	16.5	16.7	90	92	1
Beryllium	0.00	1.00	0.83	0.84	83	84	1
Cadmium	0.00	1.00	0.78	0.79	78	79	1
Chromium (Total)	1.30	5.00	6.40	6.40	102	102	0
Chromium (VI)	0.00	1.00	1.06	1.01	106	101	5
Cobalt	1.00	1.00	1.84	1.86	84	86	1
Copper	1.30	1.00	2.16	2.18	86	88	1
Lead	0.28	10.0	9.0	9.0	87	87	0
Mercury	0.000	0.020	0.020	0.020	100	100	0
Molybdenum	0.0	10.0	10.0	10.0	100	100	0
Nickel	0.93	5.00	4.2	4.3	65	67	2
Selenium	0.0	10.0	9.3	9.4	93	94	1
Silver	0.0	5.0	4.9	4.9	98	98	0
Thallium	0.0	30.0	31.0	31.0	103	103	0
Vanadium	2.9	5.0	7.5	7.5	92	92	0
Zinc	3.6	5.0	8.4	8.4	96	96	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 : 09/04/97
Laboratory Sample No : 97080461
Laboratory Reference No : MWI 9516

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	101	102	101	102	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 : 09/11/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9516

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.1	2.2	84	88	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 : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 09/09/97
Laboratory Sample No : 97090031
Laboratory Reference No : MWI 9516

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	43	84	86	2
n-Nitroso-di-n-propylamine	0.0	50	52	52	104	104	0
1,2,4-Trichlorobenzene	0.0	50	44	47	88	94	7
Acenaphthene	0.0	50	46	47	92	94	2
Pyrene	0.0	50	50	48	100	96	4
Pentachlorophenol	0.0	100	84	82	84	82	2
4-Chloro-3-Methylphenol	0.0	100	94	91	94	91	3
2-Chlorophenol	0.0	100	77	74	77	74	4
Phenol	0.0	100	68	67	68	67	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 : 09/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9516

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	51	48	102	96	6
1,2,4-Trichlorobenzene	0.0	50	39	40	78	80	3
Acenaphthene	0.0	50	44	45	88	90	2
Pyrene	0.0	50	46	48	92	96	4
Pentachlorophenol	0.0	100	79	86	79	86	8
4-Chloro-3-Methylphenol	0.0	100	77	91	77	91	17
2-Chlorophenol	0.0	100	73	82	73	82	12
Phenol	0.0	100	29	32	29	32	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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Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: 24hr TAT on Soil TRPH only Standard TAT Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
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:	626-568-6582 FAX: 626-796-5941	SAMPLED BY:	AWN/IV/CW

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
B44-GS-6-8'	2	9/3/97	1455	SOIL	2"x6" SS sleeve	ICE	X	X	X	X					
B44-RE1-SP1	2	9/3/97	1440	↓	↓	↓	X	X	X	X					
Equipment Blank	2	9/3/97	1530	WATER	Hamber 1 Poly 2 VOAs	none HNO3 HCl	X	X	X	X	X	X			
Rinsate Blank	2	9/3/97	1545	↓	↓	↓	X	X	X	X	X	X			
Trip Blank	2	9/3/97	—	↓	2 VOAs	HCl			X						

Total No. of Samples: 5

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	9/3/97 1610		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	9/3/97 16:10

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]al. A disposal fee may be imposed if client fails to pickup samples.

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.0109001

Project Name: The Boeing Company

Laboratory Reference: MWI 9646

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals

Date Sampled: 10/13/97
Date Received: 10/13/97
Date Reported: 10/21/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

MWI 9646

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100213	97100214	97100215	97100216	97100217	LAB SAMP NO.	R1	T CONC
							SAMP TYPE	S	S	W	W	W	QC(S)		
							RES CODE	PP01	PP01	BF11	BR11	BT11			
							SAMP ID	B44-GS-7-8'	B44-RE1-SP2	EQUIP BLANK	RINSATE BLANK	TRIP BLANK			
							SAMP DATE	10/13/97	10/13/97	10/13/97	10/13/97	10/13/97			
							SAMP TIME	13.10	13:38	14:45	15:00				
							SAMP DEPTH	8'							
							PRESERVED			, N, H	, N, H	, N, H			
							ICED	Y	Y	Y	Y	Y			
							RECEIVED	10/13/97	10/13/97	10/13/97	10/13/97	10/13/97			
							REC TIME	15 05	15:05	15:05	15 05	15:05			
							BASIS	W	W	W	W	W			
							Tested	10/14/97	10/14/97	10/20/97	10/20/97		10/14/97		
418.1	8 0	0 5		T		ppm	Extractable Hydrocarbons	<	40	<	<		97090672	0 0	100
							Tested	10/15/97	10/15/97	10/15/97	10/15/97		10/15/97		
6010	5 0	0 5		T		ppm	Antimony	<	<	<	<		97100213	0 0	30.0
6010	1 0	0.1		T		ppm	Arsenic	<	<	<	<		97100213	0.0	10.0
6010	0 1	0 01		T		ppm	Barium	67	110	<	<		97100213	6.7	10.0
6010	0 1	0 01		T		ppm	Beryllium	<	<	<	<		97100213	0.00	1.00
6010	0 1	0.01		T		ppm	Cadmium	<	<	<	<		97100213	0.00	1.00
							Tested	10/14/97	10/14/97	10/14/97	10/14/97		10/14/97		
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<		97100214	0.00	1.00
							Tested	10/15/97	10/15/97	10/15/97	10/15/97		10/15/97		
6010	0 1	0 01		T		ppm	Chromium Total	24	29	<	<		97100213	2 40	5 00
6010	0 5	0 1		T		ppm	Cobalt	5 4	6.5	<	<		97100213	0 54	1.00
6010	0.1	0.01		T		ppm	Copper	9 1	12	<	<		97100213	0.90	1.00
6010	1.0	0.1		T		ppm	Lead	<	<	<	<		97100213	0.00	10.0
							Tested	10/14/97	10/14/97	10/14/97	10/14/97		10/15/97		
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<		97100232	0.000	0.020
							Tested	10/15/97	10/15/97	10/15/97	10/15/97		10/15/97		
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<		97100213	0.0	10.0
6010	0.5	0.1		T		ppm	Nickel	8.0	8.5	<	<		97100213	0.80	5.00
6010	1.0	0.1		T		ppm	Selenium	<	<	<	<		97100213	0.0	10.0
6010	0.1	0.1		T		ppm	Silver	<	<	<	<		97100213	0.0	5.0
6010	5.0	0.5		T		ppm	Thallium	<	<	<	<		97100213	0.0	30.0
6010	0.5	0.1		T		ppm	Vanadium	26	32	<	<		97100213	2.6	5.0
6010	0.1	0.01		T		ppm	Zinc	48	46	<	<		97100213	4.8	5.0
							Tested	10/15/97	10/15/97	10/17/97	10/17/97	10/17/97	10/15/97		
							Dilution Factor	1	1	1	1	1			
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	<	97100214	0.0	50

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8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<	<				
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<	<				
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<	<				
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<	<				
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<	<				
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<	<				
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<	<				
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<	<				
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<	<				
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<	<				
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<	<	<	<	<				
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<	<				
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	3.3	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<	<				
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<	<				
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<	<				
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<	<				
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<	<				
8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<	<	<	<	<				
8260	2.5	0.5	100-42-5	T		ppb	Styrene	<	<	<	<	<				
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<				
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene	<	<	<	<	<				
8260	2.5	0.5	108-88-3	T		ppb	Toluene	<	<	<	<	<	97100214	0.0	50	
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane	<	<	<	<	<				
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane	<	<	<	<	<				
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene	10	<	<	<	<	97100214	0.0	50	
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane	<	<	<	<	<				
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate	<	<	<	<	<				
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride	<	<	<	<	<				
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes	<	<	<	<	<				
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane	<	<	<	<	<				
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<	<	<	<	<				
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane	<	<	<	<	<				
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane	<	<	<	<	<				
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<	<	<	<	<				
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane	<	<	<	<	<				
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane	<	<	<	<	<				
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane	<	<	<	<	<				
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene	<	<	<	<	<				
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<				
8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane	<	<	<	<	<				
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene	<	<	<	<	<				
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene	<	<	<	<	<				
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene	<	<	<	<	<				
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene	<	<	<	<	<				

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8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene	<	<	<	<	<				
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene	<	<	<	<	<				
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene	<	<	<	<	<				
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene	<	<	<	<	<				
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene	<	<	<	<	<				
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<	<				
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<	<				
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene	<	<	<	<	<				
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<	<				
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA	<	<	<	<	<				
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<	<				
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<	<				
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene	<	<	<	<	<				
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	<	<	<	<	<				
					T	%	Dibromofluoromethane	109	109	109	111	114				
					T	%	Toluene-d8	93	88	96	89	88				
					T	%	4-Bromofluorobenzene	97	80	92	89	88				
							Tested	10/15/97	10/15/97	10/16/97	10/16/97		10/15/97			
							Dilution Factor	1	1	1	1					
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	<	<	<	<		97100213	0.0	50	
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene	<	<	<	<					
8270	100	5.0	62-53-3	T		ppb	Aniline	<	<	<	<					
8270	100	5.0	120-12-7	T		ppb	Anthracene	<	<	<	<					
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<	<	<	<					
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene	<	<	<	<					
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene	<	<	<	<					
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene	<	<	<	<					
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene	<	<	<	<					
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene	<	<	<	<					
8270	100	50	100-51-6	T		ppb	Benzyl alcohol	<	<	<	<					
8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane	<	<	<	<					
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether	<	<	<	<					
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether	<	<	<	<					
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate	<	<	<	<					
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether	<	<	<	<					
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate	<	<	<	<					
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline	<	<	<	<					
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene	<	<	<	<					
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol	<	<	<	<		97100213	0.0	100	
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol	<	<	<	<		97100213	0.0	100	
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter	<	<	<	<					
8270	100	5.0	218-0109	T		ppb	Chrysene	<	<	<	<					
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene	<	<	<	<					
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran	<	<	<	<					

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8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate	<	<	<	<				
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<				
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<		97100213	0.0	50
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<				
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine	<	<	<	<				
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol	<	<	<	<				
8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate	<	<	<	<				
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol	<	<	<	<				
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate	<	<	<	<				
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol	<	<	<	<				
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol	<	<	<	<				
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene	<	<	<	<				
8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene	<	<	<	<				
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate	<	<	<	<				
8270	100	5.0	206-44-0	T		ppb	Fluoranthene	<	<	<	<				
8270	100	5.0	86-73-7	T		ppb	Fluorene	<	<	<	<				
8270	100	5.0	118-74-1	T		ppb	Hexachlorobenzene	<	<	<	<				
8270	100	5.0	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<				
8270	100	5.0	77-47-4	T		ppb	Hexachlorocyclopentadiene	<	<	<	<				
8270	100	5.0	67-72-1	T		ppb	Hexachloroethane	<	<	<	<				
8270	250	25	193-39-5	T		ppb	Indeno(1,2,3-cd)pyrene	<	<	<	<				
8270	100	5.0	78-59-1	T		ppb	Isophorone	<	<	<	<				
8270	100	5.0	91-57-6	T		ppb	2-Methylnaphthalene	<	<	<	<				
8270	100	5.0	95-48-7	T		ppb	2-Methylphenol	<	<	<	<				
8270	100	5.0	106-44-5	T		ppb	4-Methylphenol	<	<	<	<				
8270	100	5.0	91-20-3	T		ppb	Naphthalene	<	<	<	<				
8270	250	50	88-74-4	T		ppb	2-Nitroaniline	<	<	<	<				
8270	250	50	99-09-2	T		ppb	3-Nitroaniline	<	<	<	<				
8270	250	50	100-01-6	T		ppb	4-Nitroaniline	<	<	<	<				
8270	100	5.0	98-95-3	T		ppb	Nitrobenzene	<	<	<	<				
8270	100	5.0	88-75-5	T		ppb	2-Nitrophenol	<	<	<	<				
8270	100	50	100-02-7	T		ppb	4-Nitrophenol	<	<	<	<				
8270	100	5.0	86-30-6	T		ppb	N-Nitrosodiphenylamine	<	<	<	<				
8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine	<	<	<	<		97100213	0.0	50
8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine	<	<	<	<				
8270	250	50	87-86-5	T		ppb	Pentachlorophenol	<	<	<	<		97100213	0.0	100
8270	100	5.0	85-01-8	T		ppb	Phenanthrene	<	<	<	<				
8270	100	5.0	108-95-2	T		ppb	Phenol	<	<	<	<		97100213	0.0	100
8270	100	5.0	129-00-0	T		ppb	Pyrene	<	<	<	<		97100213	0.0	50
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<		97100213	0.0	50
8270	100	5.0	95-95-4	T		ppb	2,4,5-Trichlorophenol	<	<	<	<				
8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol	<	<	<	<				
							Tested	10/17/97		10/17/97	10/17/97		10/17/97		
							Dilution Factor	1		1	1				
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<		<	<				

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8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<		<	<				
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<		<	<				
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<		<	<				
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<		<	<				
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<		<	<				
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	<		<	<		97100231	0.0	250
							Tested			10/17/97	10/17/97				
							Dilution Factor			1	1				
8080	1.0	0.1	309-00-2	T		ppb	Aldrin			<	<				
8080	1.0	0.2	319-84-6	T		ppb	alpha-BHC			<	<				
8080	1.0	0.2	319-85-7	T		ppb	beta-BHC			<	<				
8080	2.0	0.2	319-86-8	T		ppb	gamma-BHC			<	<				
8080	1.0	0.2	58-89-9	T		ppb	gamma-BHC (Lindane)			<	<				
8080	10	0.2	57-74-9	T		ppb	Chlordane			<	<				
8080	2.0	0.5	72-54-9	T		ppb	4,4'-DDD			<	<				
8080	5.0	0.1	72-55-9	T		ppb	4,4'-DDE			<	<				
8080	1.0	0.1	50-29-3	T		ppb	4,4'-DDT			<	<				
8080	2.0	0.5	60-57-1	T		ppb	Dieldrin			<	<				
8080	1.0	0.5	959-98-8	T		ppb	Endosulfan I			<	<				
8080	2.0	0.5	33213-65-9	T		ppb	Endosulfan II			<	<				
8080	10	0.5	1031-07-8	T		ppb	Endosulfan sulfate			<	<				
8080	2.0	0.02	72-20-8	T		ppb	Endrin			<	<				
8080	2.0	0.2	7421-93-4	T		ppb	Endrin aldehyde			<	<				
8080	1.0	0.1	76-44-8	T		ppb	Heptachlor			<	<				
8080	1.0	0.2	1024-57-3	T		ppb	Heptachlor epoxide			<	<				
8080	30	9.0	72-43-5	T		ppb	Methoxychlor			<	<				
8080	35	0.5	8001-35-2	T		ppb	Toxaphene			<	<				

BOE-C6-0033293

					QC(W)							
SL	DL	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL	DL	RECOVER	D RECOVER	RPD
110	110	110	110	0	10/20/97 OCA 100	0.0	2.5	2.5	2.4	100	96	4
27.0	36.0	90	120	29	10/15/97 97100182	0.00	3.00	3.00	3.00	100	100	0
11.0	11.0	110	110	0	97100182	0.00	1.00	1.10	1.20	110	120	9
17.0	17.0	103	103	0	97100182	0.00	1.00	1.100	1.100	110	110	0
0.88	0.90	88	90	2	97100182	0.00	0.100	0.11	0.10	110	100	10
0.93	0.97	93	97	4	97100182	0.00	0.100	0.11	0.11	110	110	0
0.90	0.89	90	89	1	10/14/97 OCA 100	0.00	0.50	0.46	0.48	92	96	4
6.90	7.10	90	94	3	10/15/97 97100182	0.00	0.500	0.56	0.60	112	120	7
1.40	1.40	86	86	0	97100182	0.00	0.100	0.09	0.09	87	87	0
1.70	1.80	80	90	6	97100182	0.00	0.100	0.094	0.090	94	90	4
8.50	8.20	85	82	4	97100182	0.00	1.00	1.10	0.95	110	95	15
0.019	0.020	95	100	5	10/14/97 OCA 100	0.000	0.020	0.020	0.021	100	105	5
9.9	9.8	99	98	1	10/15/97 97100182	0.00	1.00	1.10	1.00	110	100	10
5.30	5.20	90	88	2	97100182	0.00	0.50	0.46	0.49	92	98	6
9.3	11.0	93	110	17	97100182	0.00	1.00	1.20	1.10	120	110	9
4.3	5.0	86	100	15	97100182	0.00	0.50	0.52	0.53	104	106	2
26.0	26.0	87	87	0	97100182	0.00	3.00	3.20	3.30	107	110	3
7.1	7.6	90	100	7	97100182	0.00	0.50	0.52	0.52	104	104	0
9.6	9.7	96	98	1	97100182	0.00	0.500	0.620	0.620	124	124	0
46	47	92	94	2	10/17/97 1 97100217	0.0	20	21	21	105	105	0

BOE-C6-0033294

50	52	100	104	4	97100217	0 0	20	20	20	100	100	0
40	44	80	88	10	97100217	0 0	20	27	27	135	135	0
45	47	90	94	4	97100217	0.0	20	20	20	100	100	0
58	61	116	122	5	97100217	0 0	20	23	22	115	110	4

BOE-C6-0033295

					10/16/97							
40	43	80	86	7	OCA 100	0.0	50			0	0	#DIV/0!
64	70	64	70	9	OCA 100	0.0	100			0	0	#DIV/0!
66	70	66	70	6	OCA 100	0.0	100			0	0	#DIV/0!

BOE-C6-0033296

37	39	74	78	5	OCA 100	0 0	50			0	0	#DIV/0!
40	41	80	82	2	OCA 100	0.0	50			0	0	#DIV/0!
67	74	67	74	10	OCA 100	0.0	100			0	0	#DIV/0!
59	63	59	63	7	OCA 100	0.0	100	22	23	22	23	4
48	51	96	102	6	OCA 100	0.0	50	49	57	98	114	15
41	45	82	90	9	OCA 100	0.0	50	23	22	46	44	4
					10/17/.97							

BOE-C6-0033297

150	130	60	52	14	OCA 100 10/17/97	0.0	20	8 8	11	44	55	22
					OCA 100	0.0	1.0	0 80	0 72	80	72	11

BOE-C6-0033298

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 5

REQUIRED TAT: 24 hr TAT on Soil TRPH Standard TAT Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
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:	(626)568-6582 FAX: (626)796-5941	SAMPLED BY:	IV/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			REMARKS/PRECAUTIONS
B44-GS-7-8'	2	10/13/97	1310	SOIL	2"x6" SS SLEEVE	ICE	X	X	X	X					
B44-RE1+SP2	2		1338	SOIL			X	X	X	X					
Equipment Blank	7		1445	WATER	4 amber poly 2 VOAs	none HNO3 HCl	X	X	X	X	X	X			
Rinsate Blank	7		1500	WATER			X	X	X	X	X	X			
Trip Blank	2		—	WATER	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:
Ivan Vargas	10/13/97 1505		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	10/13/97 15:05

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 [illegible] disposal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0033299

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 10/15/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Patrick Sekerka

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:

B44-GS-7-8'

Please call me at (626) 568-6536 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 9029

Sampled : 05-07-97
Received: 05-07-97
Analyzed: 05-09-97
Reported: 05-15-97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Sample Result (mg/kg)*
97050156	B37-GS-183C-10'	20
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

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, B37-GS-183C-10'

Laboratory Sample Number: 97050156
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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	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	27	<---
Cobalt	6010	80	8000	0.5	10	<---
Copper	6010	25	2500	0.1	17	<---
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	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	36	<---
Zinc	6010	250	5000	0.1	54	<---

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, B37-GS-183C-10'
Laboratory Sample Number: 97050156
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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	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-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.

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

Sample Description: Soil, B37-GS-183C-10'

Laboratory Sample Number: 97050156

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	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-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	*100*
Toluene-d8	*100*
4-Bromofluorobenbzene	*101*

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

Sampled : 05-07-97
Sample Description: Soil, B37-GS-183C-10' *Received:* 05-07-97
Laboratory Sample #: 97050156 *Analyzed:* 05-14-97
Laboratory Reference #: MWI 9029 *Reported:* 05-15-97

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

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Acenaphthene	83-32-9	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.
enzo(g,h,i)perylene	191-24-2	250	N.D.
nzo(a)pyrene	50-32-8	250	N.D.
enzyl 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.
,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
4-Dinitrophenol	51-28-5	100	N.D.

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

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

Sample Description: Soil, B37-GS-183C-10'
Laboratory Sample #: 97050156

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	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
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, B37-GS-183A-10'

Laboratory Sample Number: 97050154
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-08-97
Reported: 05-09-97

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.

ORANGE COAST ANALYTICAL

Mark Noorani
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, B37-GS-183B-10'

Laboratory Sample Number: 97050155
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-08-97
Reported: 05-09-97

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, B37-GS-183C-10'

Laboratory Sample Number: 97050156
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-08-97
Reported: 05-09-97

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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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, B37-GS-183D-10'

Laboratory Sample Number: 97050157
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-08-97
Reported: 05-09-97

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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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 9029

Sampled : 05-07-97
Received: 05-07-97
Analyzed: 05-09-97
Reported: 05-15-97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Sample Result (mg/l)*
97050158	Equip Blank	N.D.
97050159	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

Sample Description: Water, Equip Blank

Laboratory Sample Number: 97050158
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-14-97
Reported: 05-15-97

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.

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: 97050159
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-14-97
Reported: 05-15-97

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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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: 97050158
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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: 97050158

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	*105*
Toluene-d8	*100*
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: 97050159
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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: 97050159

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	*104*
Toluene-d8	*98*
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, Trip Blank
Laboratory Sample Number: 97050160
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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, Trip Blank

Laboratory Sample Number: 97050160

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	*106*
Toluene-d8	*103*
4-Bromofluorobenzene	*108*

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 #: 97050158
Laboratory Reference #: MWI 9029

Sampled : 05-07-97
Received: 05-07-97
Analyzed: 05-13-97
Reported: 05-15-97

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.
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 #: 97050158

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.
'-Methylphenol	106-44-5	5.0	N.D.
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

rk Noorani
aboratory 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 #: 97050159
Laboratory Reference #: MWI 9029

Sampled : 05-07-97
Received: 05-07-97
Analyzed: 05-13-97
Reported: 05-15-97

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.
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 #: 97050159

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.
'-Methylphenol	106-44-5	5.0	N.D.
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

rk 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: 97050158
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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: 97050159
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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: 97050158
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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

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: 97050159
Laboratory Reference #: MWI 9029

Sampled: 05-07-97
Received: 05-07-97
Analyzed: 05-12-97
Reported: 05-15-97

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

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 : 05/12/97
Laboratory Sample No : 97050162
Laboratory Reference No : MWI 9029

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	28.0	29.0	93	97	4
Arsenic	0.0	10.0	12.0	12.0	120	120	0
Barium	13.0	10.0	21.0	21.0	80	80	0
Beryllium	0.00	1.00	0.93	0.95	93	95	2
Cadmium	0.00	1.00	1.06	1.07	106	107	1
Chromium (Total)	3.0	5.0	7.7	8.0	94	100	4
Chromium (VI)	0.00	1.00	0.93	0.98	93	98	5
Cobalt	0.74	1.00	1.64	1.66	90	92	1
Copper	1.50	1.00	2.50	2.60	100	110	4
Lead	0.0	10.0	8.9	8.8	89	88	1
Mercury	0.000	0.020	0.021	0.024	105	120	13
Molybdenum	0.0	10.0	8.7	8.6	87	86	1
Nickel	1.30	5.00	5.60	5.60	86	86	0
Selenium	0.0	10.0	9.3	8.9	93	89	4
Silver	0.0	5.0	5.1	4.9	102	98	4
Thallium	0.0	30.0	26.0	26.0	87	87	0
Vanadium	3.2	5.0	8.1	8.1	98	98	0
Zinc	4.6	5.0	9.6	9.4	100	96	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

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 : 05/14/97
Laboratory Sample No : 97050046
Laboratory Reference No : MWI 9029

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.90	3.10	97	103	7
Arsenic	0.00	1.00	0.90	0.98	90	98	9
Barium	0.00	0.100	0.093	0.101	93	101	8
Beryllium	0.00	0.100	0.098	0.094	98	94	4
Cadmium	0.00	0.100	0.112	0.117	112	117	4
Chromium (VI)	0.00	0.50	0.47	0.50	94	100	6
Chromium (Total)	0.00	0.100	0.110	0.114	110	114	4
Cobalt	0.00	0.100	0.109	0.117	109	117	7
Copper	0.00	0.100	0.115	0.106	115	106	8
Lead	0.00	1.00	1.07	1.14	107	114	6
Mercury	0.000	0.020	0.018	0.017	90	85	6
Molybdenum	0.00	1.00	1.05	0.92	105	92	13
Nickel	0.00	0.50	0.55	0.53	110	106	4
Selenium	0.00	1.00	0.93	0.94	93	94	1
Silver	0.00	1.00	0.92	0.91	92	91	1
Thallium	0.00	3.00	2.90	3.10	97	103	7
Vanadium	0.00	0.50	0.52	0.53	104	106	2
Zinc	0.00	0.100	0.120	0.116	120	116	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 : 05/09/97
Laboratory Sample No : 97050169
Laboratory Reference No : MWI 9029

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	100	103	100	103	100	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 : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 05/12/97
Laboratory Sample No : 97041446
Laboratory Reference No : MWI 9029

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	50	52	100	104	4
1,1-Dichloroethene	0.0	50	47	48	94	96	2
Trichloroethene	0.0	50	49	51	98	102	4
Toluene	0.0	50	48	51	96	102	6
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 : 05/12/97
Laboratory Sample No : 97050160
Laboratory Reference No : MWI 9029

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	17	19	85	95	11
1,1-Dichloroethene	0.0	20	16	17	80	85	6
Trichloroethene	0.0	20	18	19	90	95	5
Toluene	0.0	20	17	19	85	95	11
Chlorobenzene	0.0	20	18	20	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 : PCB 'S (EPA 8080)

Date of Analysis : 05/08/97
Laboratory Sample No : 97050170
Laboratory Reference No : MWI 9029

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	170	200	68	80	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 : 05/12/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9029

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	11	10	55	50	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 : 05/12/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9029

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	0.77	0.80	77	80	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 : 05/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9029

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

Date of Analysis : 05/13/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9029

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	40	37	80	74	8
n-Nitroso-di-n-propylamine	0.0	50	51	45	102	90	13
1,2,4-Trichlorobenzene	0.0	50	39	40	78	80	3
Acenaphthene	0.0	50	46	45	92	90	2
Pyrene	0.0	50	44	43	88	86	2
Pentachlorophenol	0.0	100	88	82	88	82	7
4-Chloro-3-Methylphenol	0.0	100	79	79	79	79	0
2-Chlorophenol	0.0	100	81	77	81	77	5
Phenol	0.0	100	35	32	35	32	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 : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 05/14/97
Laboratory Sample No : 97050184
Laboratory Reference No : MWI 9029

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	56	55	112	110	2
1,2,4-Trichlorobenzene	0.0	50	45	44	90	88	2
Acenaphthene	0.0	50	47	46	94	92	2
Pyrene	0.0	50	43	43	86	86	0
Pentachlorophenol	0.0	100	85	92	85	92	8
4-Chloro-3-Methylphenol	0.0	100	80	82	80	82	2
2-Chlorophenol	0.0	100	80	81	80	81	1
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

ORANGE COAST ANALYTICAL

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Analysis Request and Chain of Custody Record

Lab Job No: ____
Page 1 of 1

REQUIRED TAT: 48 hr TAT on Soil PCBs 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.	LOCATION:	C-6 Facility - Bldg. 37 Area
	Pasadena, CA 91101	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
B37-GS-183A-10'	2	5/7/97	1321	SOIL	2"x6" SS sleeve	ICE					X			48 hr TAT
B37-GS-183B-10'	2		1355								X			48 hr TAT
B37-GS-183C-10'	2		1405								X			48 hr TAT
B37-GS-183D-10'	2		1410								X			48 hr TAT
Equipment Blank	7		1500	Water	4 amber 3 VOAs	HNO3 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: 7

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	5/7/97 15:50		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	5/7/97 3:50

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-C6-0033340

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LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.0109001

Project Name: The Boeing Company

Laboratory Reference: MWI 9650

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals

Date Sampled: 10/14/97
Date Received: 10/14/97
Date Reported: 10/21/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

MWI 9650

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100231	97100232	97100233	97100234	97100235	LAB SAMP NO	R1	T CONC
							SAMP TYPE	S	S	W	W	W	QC(S)		
							RES CODE	PP01	PP01	BF11	BR11	BT11			
							SAMP ID	B37-GS-203-12'	B37-RE6-SP1	EQUIP BLANK	RINSATE BLANK	TRIP BLANK			
							SAMP DATE	10/14/97	10/14/97	10/14/97	10/14/97	10/14/97			
							SAMP TIME	13:05	13 42	14 30	14:45				
							SAMP DEPTH	12'							
							PRESERVED			, N, H	, N, H	, N, H			
							ICED	Y	Y	Y	Y	Y			
							RECEIVED	10/14/97	10/14/97	10/14/97	10/14/97	10/14/97			
							REC TIME	15:00	15 00	15 00	15:00	15 00			
							BASIS	W	W	W	W	W			
							Tested		10/15/97	10/20/97	10/20/97		10/15/97		
418 1	8 0	0.5		T		ppm	Extractable Hydrocarbons		75	<	<		OCA 200	0.0	100
							Tested		10/15/97	10/15/97	10/15/97		10/15/97		
6010	5.0	0 5		T		ppm	Antimony		<	<	<			0.0	30.0
6010	1.0	0.1		T		ppm	Arsenic		13	<	<			0.0	10.0
6010	0.1	0.01		T		ppm	Barium		110	<	<			6.7	10.0
6010	0.1	0.01		T		ppm	Beryllium		<	<	<			0.00	1.00
6010	0.1	0.01		T		ppm	Cadmium		<	<	<			0.00	1.00
							Tested		10/15/97	10/15/97	10/15/97		10/15/97		
7196	0.5	0.01		T		ppm	Chromium (VI)		<	<	<		97100232	0.00	1.00
							Tested		10/15/97	10/15/97	10/15/97		10/15/97		
6010	0 1	0.01		T		ppm	Chromium Total		29	<	<		97100213	2.40	5.00
6010	0.5	0.1		T		ppm	Cobalt		8.4	<	<		97100213	0.54	1.00
6010	0.1	0.01		T		ppm	Copper		17	<	<		97100213	0.90	1.00
6010	1.0	0.1		T		ppm	Lead		<	<	<		97100213	0.00	10.0
							Tested		<	<	<		10/15/97		
7471	0.01	0.002		T		ppm	Mercury		<	<	<		97100232	0.000	0.020
							Tested		<	<	<		10/15/97		
6010	0.5	0.1		T		ppm	Molybdenum		<	<	<		97100213	0.0	10.0
6010	0.5	0.1		T		ppm	Nickel		14	<	<		97100213	0.80	5.0
6010	1.0	0.1		T		ppm	Selenium		<	<	<		97100213	0.0	10.0
6010	0.1	0.1		T		ppm	Silver		<	<	<		97100213	0.0	5.0
6010	5.0	0.5		T		ppm	Thallium		<	<	<		97100213	0.0	30.0
6010	0.5	0.1		T		ppm	Vanadium		34	<	<		97100213	2.6	5.0
6010	0.1	0.01		T		ppm	Zinc		44	<	<		97100213	4.8	5.0
STLC				S		ppm									
TCLP				C		ppm									

BOE-C6-0033342

							Tested		10/15/97	10/17/97	10/17/97	10/17/97	10/15/97			
							Dilution Factor		1	1	1	1				
8260	2.5	0.5	71-43-2	T		ppb	Benzene		<	<	<	<	97100214	0.0		50
8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane		<	<	<	<				
8260	2.5	0.5	75-25-2	T		ppb	Bromoform		<	<	<	<				
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane		<	<	<	<				
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide		<	<	<	<				
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride		<	<	<	<				
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene		<	<	<	<	97100214	0.0		50
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane		<	<	<	<				
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane		<	<	<	<				
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether		<	<	<	<				
8260	2.5	0.5	67-66-3	T		ppb	Chloroform		<	<	<	<				
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane		<	<	<	<				
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane		<	<	<	<				
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane		<	<	<	<				
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene		<	<	<	<	97100214	0.0		50
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene		<	<	<	<				
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane		<	<	<	<				
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene		<	<	<	<				
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene		<	<	<	<				
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene		<	<	<	<				
8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride		<	<	<	<				
8260	2.5	0.5	100-42-5	T		ppb	Styrene		<	<	<	<				
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane		<	<	<	<				
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene		<	<	<	<				
8260	2.5	0.5	108-88-3	T		ppb	Toluene		<	<	<	<	97100214	0.0		50
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane		<	<	<	<				
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane		<	<	<	<				
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene		<	<	<	<	97100214	0.0		50
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane		<	<	<	<				
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate		<	<	<	<				
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride		<	<	<	<				
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes		<	<	<	<				
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane		<	<	<	<				
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene		<	<	<	<				
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane		<	<	<	<				
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane		<	<	<	<				
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene		<	<	<	<				
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane		<	<	<	<				
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane		<	<	<	<				
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane		<	<	<	<				
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene		<	<	<	<				
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane		<	<	<	<				

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8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane		<	<	<	<			
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene		<	<	<	<			
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene		<	<	<	<			
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene		<	<	<	<			
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene		<	<	<	<			
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene		<	<	<	<			
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene		<	<	<	<			
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene		<	<	<	<			
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene		<	<	<	<			
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene		<	<	<	<			
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene		<	<	<	<			
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene		<	<	<	<			
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene		<	<	<	<			
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene		<	<	<	<			
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA		<	<	<	<			
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene		<	<	<	<			
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene		<	<	<	<			
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene		<	<	<	<			
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene		<	<	<	<			
					T	%	Dibromofluoromethane		103	114	112	110			
					T	%	Toluene-d8		92	89	90	91			
					T	%	4-Bromofluorobenzene		94	95	92	95			
							Tested		10/15/97	10/17/97	10/17/97		10/15/97		
							Dilution Factor		1	1	1				
8270	100	5.0	83-32-9	T		ppb	Acenaphthene		<	<	<		97100213	0.0	50
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene		<	<	<				
8270	100	5.0	62-53-3	T		ppb	Aniline		<	<	<				
8270	100	5.0	120-12-7	T		ppb	Anthracene		<	<	<				
8270	500	50	65-85-0	T		ppb	Benzoic Acid		<	<	<				
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene		<	<	<				
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene		<	<	<				
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene		<	<	<				
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene		<	<	<				
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene		<	<	<				
8270	100	50	100-51-6	T		ppb	Benzyl alcohol		<	<	<				
8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane		<	<	<				
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether		<	<	<				
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether		<	<	<				
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate		<	<	<				
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether		<	<	<				
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate		<	<	<				
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline		<	<	<				
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene		<	<	<				
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol		<	<	<		97100213	0.0	100

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8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol		<	<	<		97100213	0.0	100
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ether		<	<	<				
8270	100	5.0	218-0109	T		ppb	Chrysene		<	<	<				
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene		<	<	<				
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran		<	<	<				
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate		<	<	<				
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene		<	<	<				
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene		<	<	<		97100213	0.0	50
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene		<	<	<				
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine		<	<	<				
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol		<	<	<				
8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate		<	<	<				
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol		<	<	<				
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate		<	<	<				
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol		<	<	<				
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol		<	<	<				
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene		<	<	<				
8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene		<	<	<				
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate		<	<	<				
8270	100	5.0	206-44-0	T		ppb	Fluoranthene		<	<	<				
8270	100	5.0	86-73-7	T		ppb	Fluorene		<	<	<				
8270	100	5.0	118-74-1	T		ppb	Hexachlorobenzene		<	<	<				
8270	100	5.0	87-68-3	T		ppb	Hexachlorobutadiene		<	<	<				
8270	100	5.0	77-47-4	T		ppb	Hexachlorocyclopentadiene		<	<	<				
8270	100	5.0	67-72-1	T		ppb	Hexachloroethane		<	<	<				
8270	250	25	193-39-5	T		ppb	Indeno(1,2,3-cd)pyrene		<	<	<				
8270	100	5.0	78-59-1	T		ppb	Isophorone		<	<	<				
8270	100	5.0	91-57-6	T		ppb	2-Methylnaphthalene		<	<	<				
8270	100	5.0	95-48-7	T		ppb	2-Methylphenol		<	<	<				
8270	100	5.0	106-44-5	T		ppb	4-Methylphenol		<	<	<				
8270	100	5.0	91-20-3	T		ppb	Naphthalene		<	<	<				
8270	250	50	88-74-4	T		ppb	2-Nitroaniline		<	<	<				
8270	250	50	99-09-2	T		ppb	3-Nitroaniline		<	<	<				
8270	250	50	100-01-6	T		ppb	4-Nitroaniline		<	<	<				
8270	100	5.0	98-95-3	T		ppb	Nitrobenzene		<	<	<				
8270	100	5.0	88-75-5	T		ppb	2-Nitrophenol		<	<	<				
8270	100	50	100-02-7	T		ppb	4-Nitrophenol		<	<	<				
8270	100	5.0	86-30-6	T		ppb	N-Nitrosodiphenylamine		<	<	<				
8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine		<	<	<		97100213	0.0	50
8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine		<	<	<				
8270	250	50	87-86-5	T		ppb	Pentachlorophenol		<	<	<		97100213	0.0	100
8270	100	5.0	85-01-8	T		ppb	Phenanthrene		<	<	<				
8270	100	5.0	108-95-2	T		ppb	Phenol		<	<	<		97100213	0.0	100
8270	100	5.0	129-00-0	T		ppb	Pyrene		<	<	<		97100213	0.0	50
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene		<	<	<		97100213	0.0	50
8270	100	5.0	95-95-4	T		ppb	2,4,5-Trichlorophenol		<	<	<				

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8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol		<	<	<					
							Tested	10/15/97	10/15/97	10/17/97	10/17/97		10/15/97			
							Dilution Factor	1	1	1	1					
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<	<	<	<					
8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<	<	<	<					
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<	<	<	<					
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<	<	<	<					
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<	100	<	<					
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<	<	<	<					
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	<	<	<	<		97100231	0.0	250	
							Tested			10/17/97	10/17/97					
							Dilution Factor			1	1					
8080	1.0	0.1	309-00-2	T		ppb	Aldrin			<	<					
8080	1.0	0.2	319-84-6	T		ppb	alpha-BHC			<	<					
8080	1.0	0.2	319-85-7	T		ppb	beta-BHC			<	<					
8080	2.0	0.2	319-86-8	T		ppb	gamma-BHC			<	<					
8080	1.0	0.2	58-89-9	T		ppb	gamma-BHC (Lindane)			<	<					
8080	10	0.2	57-74-9	T		ppb	Chlordane			<	<					
8080	2.0	0.5	72-54-9	T		ppb	4,4'-DDD			<	<					
8080	5.0	0.1	72-55-9	T		ppb	4,4'-DDE			<	<					
8080	1.0	0.1	50-29-3	T		ppb	4,4'-DDT			<	<					
8080	2.0	0.5	60-57-1	T		ppb	Dieldrin			<	<					
8080	1.0	0.5	959-98-8	T		ppb	Endosulfan I			<	<					
8080	2.0	0.5	33213-65-9	T		ppb	Endosulfan II			<	<					
8080	10	0.5	1031-07-8	T		ppb	Endosulfan sulfate			<	<					
8080	2.0	0.02	72-20-8	T		ppb	Endrin			<	<					
8080	2.0	0.2	7421-93-4	T		ppb	Endrin aldehyde			<	<					
8080	1.0	0.1	76-44-8	T		ppb	Heptachlor			<	<					
8080	1.0	0.2	1024-57-3	T		ppb	Heptachlor epoxide			<	<					
8080	30	9.0	72-43-5	T		ppb	Methoxychlor			<	<					
8080	35	0.5	8001-35-2	T		ppb	Toxaphene			<	<					

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					QC(W)							
SL	DL	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL	DL	RECOVER	D RECOVER	RPD
95	105	95	105	10	10/20/97 OCA 100	0 0	2 5	2 5	2.4	100	96	4
27 0	36.0	90	120	29	10/15/97 97100234	0 00	3 00	2.80	3.00	93	100	7
11 0	11.0	110	110	0	97100234	0.00	1 00	1 20	1.10	120	110	9
17 0	17.0	103	103	0	97100234	0.00	1 00	1.10	1.00	110	100	10
0.88	0.90	88	90	2	97100234	0.00	0 100	0.093	0.091	93	91	2
0 93	0.97	93	97	4	97100234	0 00	0 100	0.10	0.10	100	100	0
0 98	1.00	98	100	2	10/15/97 97100234	0.00	0 50	0.44	0.45	88	90	2
6 90	7.10	90	94	3	10/15/97 97100234	0 00	0 500	0.57	0.56	114	112	2
1 40	1.40	86	86	0	97100234	0.00	0 100	0.11	0.11	110	110	0
1 70	1.80	80	90	6	97100234	0.00	0 100	0.098	0.096	98	96	2
8 50	8.20	85	82	4	97100234	0.00	1 00	1.00	0.94	100	94	6
0.019	0.020	95	100	5	10/15/97 OCA 100	0.000	0.020	0.020	0.021	100	105	5
9.9	9.8	99	98	1	10/15/97 97100234	0.00	1 00	0.89	0.90	89	90	1
5.30	5.20	90	88	2	97100234	0.00	0.50	0.47	0.49	94	98	4
9.3	11.0	93	110	17	97100234	0.00	1.00	0.84	0.75	84	75	11
4.3	5.0	86	100	15	97100234	0.00	0.50	0.57	0.59	114	118	3
26.0	26.0	87	87	0	97100234	0.00	3.00	3.00	2.90	100	97	3
7.1	7.6	90	100	7	97100234	0.00	0.50	0.47	0.48	94	96	2
9.6	9.7	96	98	1	97100234	0.00	0.500	0.590	0.580	118	116	2

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46	47	92	94	2	10/17/97 1 97100217	0.0	20	21	21	105	105	0
50	52	100	104	4	97100217	0.0	20	20	20	100	100	0
40	44	80	88	10	97100217	0.0	20	27	27	135	135	0
45	47	90	94	4	97100217	0.0	20	20	20	100	100	0
58	61	116	122	5	97100217	0.0	20	23	22	115	110	4

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40	43	80	86	7	OCA100	0.0	50	37	42	74	84	13
64	70	64	70	9	OCA100	0.0	100	56	64	56	64	13

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66	70	66	70	6	OCA100	0.0	100	65	71	65	71	9
37	39	74	78	5	OCA100	0.0	50	26	29	52	58	11
40	41	80	82	2	OCA100	0.0	50	33	38	66	76	14
67	74	67	74	10	OCA100	0.0	100	64	74	64	74	14
59	63	59	63	7	OCA100	0.0	100	21	26	21	26	21
48	51	96	102	6	OCA100	0.0	50	41	46	82	92	11
41	45	82	90	9	OCA100	0.0	50	27	30	54	60	11

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					10/17/97							
49	66	20	26	30	OCA 100	0.0	20	8.8	11	44	55	22
					10/17/97							
					OCA 100	0.0	1.0	0.80	0.72	80	72	11

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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

REQUIRED TAT: 24 hr TAT or ASAP on all Soil Analyses Standard TAT Otherwise.

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Montgomery Watson	PROJECT NAME: The Boeing Company
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: (626) 568-6582 FAX: (626) 796-5941	SAMPLED BY: IV/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			REMARKS/PRECAUTIONS
B37-GS-203-12'	2	10/14/97	1305	Soil	2 4"x6" SS Sleeve	Ice					X				24 hr TAT
B37-REG-SP1	2	↓	1342	↓	↓	↓	X	X	X	X	X				24 hr TAT (All analyses)
Equipment Blank	7	↓	1430	Water	4 amber poly 2 VOAs	None HNO3 HCL	X	X	X	X	X	X			Standard TAT
Rinsate Blank	7	↓	1445	↓	↓	↓	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: 1 Cooler Via Orange Coast Courier.

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	10/14/97 1500		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [illegible]	Date/Time: 10/14/97 15:00

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 f[illegible]posal. A disposal fee may be imposed if client fails to pickup samples.

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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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9690

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals

Date Sampled: 10/29/97
Date Received: 10/29/97
Date Reported: 11/06/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100438	97100439	97100440	97100441	97100442	97100443	97100444	97100445
							SAMP TYPE	S	S	S	S	S	S	W	W
							RES CODE	PP01	PP01	PP01	PP01	PP01	PP01	BF11	BR11
							SAMP ID	B37-GS-208-8'	B37-GS-209-10'	B37-GS-210-7'	B37-GS-211-8'	B37-GS-212-10'	B37-GS-213-8'	EQUIP BLANK	RINSATE BLANK
							SAMP DATE	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
							SAMP TIME	13 05	13 10	13:25	14.00	14.15	14:20	14 50	15:05
							SAMP DEPTH	8'	10'	7'	8'	10'	8'		
							PRESERVED							N H	, N, H
							ICED	Y	Y	Y	Y	Y	Y	Y	Y
							RECEIVED	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
							REC TIME	15:45	15.45	15:45	15:45	15:45	15:45	15:45	15:45
							BASIS	W	W	W				W	W
							Tested	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	11/03/97	11/03/97
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons	<	380	<	<	35	<	<	<
							Tested	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97
6010	5.0	0.5		T		ppm	Antimony	<	<	<	<	<	<	<	<
6010	1.0	0.1		T		ppm	Arsenic	10	13	9.4	9.4	9.6	7.9	<	<
6010	0.1	0.01		T		ppm	Barium	81	97	120	140	110	64	<	<
6010	0.1	0.01		T		ppm	Beryllium	<	<	<	<	<	<	<	<
6010	0.1	0.01		T		ppm	Cadmium	<	<	<	<	<	<	<	<
							Tested	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<	<	<	<	<
							Tested	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97
6010	0.1	0.01		T		ppm	Chromium Total	32	27	36	38	30	23	<	<
6010	0.5	0.1		T		ppm	Cobalt	8.2	7.3	14	4.9	9.2	6.6	<	<
6010	0.1	0.01		T		ppm	Copper	11	15	15	15	13	8.5	<	<
6010	1.0	0.1		T		ppm	Lead	<	<	<	<	<	<	<	<
							Tested	11/05/97	11/05/97	11/05/97	11/05/97	11/05/97	11/05/97	11/05/97	11/05/97
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<	<	<	<	<
							Tested	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Nickel	14	12	14	11	13	11	<	<
6010	1.0	0.1		T		ppm	Selenium	<	<	<	<	<	<	<	<
6010	0.1	0.1		T		ppm	Silver	<	<	<	<	<	<	<	<
6010	5.0	0.5		T		ppm	Thallium	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Vanadium	38	29	41	35	30	23	<	<
6010	0.1	0.01		T		ppm	Zinc	55	48	64	53	50	38	<	<
STLC							*Tested*								
		5.0		S		ppm	Antimony								
		1.0		S		ppm	Arsenic								
		0.1		S		ppm	Barium								
		0.1		S		ppm	Beryllium								
		0.1		S		ppm	Cadmium								
		0.5		S		ppm	Chromium (VI)								
		0.1		S		ppm	Chromium Total								
		0.5		S		ppm	Cobalt								
		0.1		S		ppm	Copper								

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		1.0		S		ppm	Lead								
		0.01		S		ppm	Mercury								
		0.5		S		ppm	Molybdenum								
		0.5		S		ppm	Nickel								
		1.0		S		ppm	Selenium								
		0.1		S		ppm	Silver								
		5.0		S		ppm	Thallium								
		0.5		S		ppm	Vanadium								
		0.1		S		ppm	Zinc								
TCLP							***Tested***								
		5.0		C		ppm	Antimony								
		1.0		C		ppm	Arsenic								
		0.1		C		ppm	Barium								
		0.1		C		ppm	Beryllium								
		0.1		C		ppm	Cadmium								
		0.5		C		ppm	Chromium (VI)								
		0.1		C		ppm	Chromium Total								
		0.5		C		ppm	Cobalt								
		0.1		C		ppm	Copper								
		1.0		C		ppm	Lead								
		0.01		C		ppm	Mercury								
		0.5		C		ppm	Molybdenum								
		0.5		C		ppm	Nickel								
		1.0		C		ppm	Selenium								
		0.1		C		ppm	Silver								
		5.0		C		ppm	Thallium								
		0.5		C		ppm	Vanadium								
		0.1		C		ppm	Zinc								
							Tested	11/04/97							
							Dilution Factor	1							
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<						<	<
8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<						<	<
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<						<	<
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<						<	<
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<						<	<
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<						<	<
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<						<	<
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<						<	<
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<						<	<
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<						<	<
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<						<	<
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<						<	<
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<						<	<
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<						<	<
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	<						<	<
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<						<	<
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<						<	<
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<						<	<
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<						<	<
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<						<	<
8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<						<	<

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8260	2.5	0.5	100-42-5	T		ppb	Styrene		<					<	<
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane		<					<	<
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene		<					<	<
8260	2.5	0.5	108-88-3	T		ppb	Toluene		<					<	<
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane		<					<	<
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane		<					<	<
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene		<					<	<
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane		<					<	<
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate		<					<	<
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride		<					<	<
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes		<					<	<
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane		<					<	<
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene		<					<	<
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane		<					<	<
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane		<					<	<
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene		<					<	<
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane		<					<	<
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane		<					<	<
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane		<					<	<
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene		<					<	<
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane		<					<	<
8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane		<					<	<
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene		<					<	<
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene		<					<	<
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene		<					<	<
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene		<					<	<
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene		<					<	<
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene		<					<	<
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene		<					<	<
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene		<					<	<
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene		<					<	<
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene		<					<	<
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene		<					<	<
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene		<					<	<
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene		<					<	<
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA		<					<	<
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene		<					<	<
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene		<					<	<
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene		<					<	<
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene		<					<	<
					T	%	Dibromofluoromethane		12*					105	110
					T	%	Toluene-d8		110					109	107
					T	%	4-Bromofluorobenzene		104					105	103
							Tested		10/31/97					10/30/97	10/30/97
							Dilution Factor		1					1	1
8270	100	5.0	83-32-9	T		ppb	Acenaphthene		<					<	<
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene		<					<	<
8270	100	5.0	62-53-3	T		ppb	Aniline		<					<	<
8270	100	5.0	120-12-7	T		ppb	Anthracene		<					<	<
8270	500	50	65-85-0	T		ppb	Benzoic Acid		<					<	<
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene		<					<	<

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8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene		<					<	<
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene		<					<	<
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene		<					<	<
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene		<					<	<
8270	100	50	100-51-6	T		ppb	Benzyl alcohol		<					<	<
8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane		<					<	<
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether		<					<	<
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether		<					<	<
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate		<					<	20
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether		<					<	<
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate		<					<	<
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline		<					<	<
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene		<					<	<
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol		<					<	<
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol		<					<	<
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter		<					<	<
8270	100	5.0	218-0109	T		ppb	Chrysene		<					<	<
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene		<					<	<
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran		<					<	<
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate		<					<	<
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene		<					<	<
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene		<					<	<
8270	100	5.0	95-50-1	T		ppb	1,2-Dichlorobenzene		<					<	<
8270	100	5.0	91-94-1	T		ppb	3,3-Dichlorobenzidine		<					<	<
8270	100	5.0	120-83-2	T		ppb	2,4-Dichlorophenol		<					<	<
8270	100	5.0	84-66-2	T		ppb	Diethyl phthalate		<					<	<
8270	100	5.0	105-67-9	T		ppb	2,4-Dimethylphenol		<					<	<
8270	100	5.0	131-11-3	T		ppb	Dimethyl phthalate		<					<	<
8270	100	50	534-52-1	T		ppb	4,6-Dinitro-2-methylphenol		<					<	<
8270	100	50	51-28-5	T		ppb	2,4-Dinitrophenol		<					<	<
8270	250	5.0	121-14-2	T		ppb	2,4-Dinitrotoluene		<					<	<
8270	250	5.0	606-20-2	T		ppb	2,6-Dinitrotoluene		<					<	<
8270	250	25	117-84-0	T		ppb	Di-N-octyl phthalate		<					<	<
8270	100	5.0	206-44-0	T		ppb	Fluoranthene		<					<	<
8270	100	5.0	86-73-7	T		ppb	Fluorene		<					<	<
8270	100	5.0	118-74-1	T		ppb	Hexachlorobenzene		<					<	<
8270	100	5.0	87-68-3	T		ppb	Hexachlorobutadiene		<					<	<
8270	100	5.0	77-47-4	T		ppb	Hexachlorocyclopentadiene		<					<	<
8270	100	5.0	67-72-1	T		ppb	Hexachloroethane		<					<	<
8270	250	25	193-39-5	T		ppb	Indeno(1,2,3-cd)pyrene		<					<	<
8270	100	5.0	78-59-1	T		ppb	Isophorone		<					<	<
8270	100	5.0	91-57-6	T		ppb	2-Methylnaphthalene		<					<	<
8270	100	5.0	95-48-7	T		ppb	2-Methylphenol		<					<	<
8270	100	5.0	106-44-5	T		ppb	4-Methylphenol		<					<	<
8270	100	5.0	91-20-3	T		ppb	Naphthalene		<					<	<
8270	250	50	88-74-4	T		ppb	2-Nitroaniline		<					<	<
8270	250	50	99-09-2	T		ppb	3-Nitroaniline		<					<	<
8270	250	50	100-01-6	T		ppb	4-Nitroaniline		<					<	<
8270	100	5.0	98-95-3	T		ppb	Nitrobenzene		<					<	<
8270	100	5.0	88-75-5	T		ppb	2-Nitrophenol		<					<	<
8270	100	50	100-02-7	T		ppb	4-Nitrophenol		<					<	<
8270	100	5.0	86-30-6	T		ppb	N-Nitrosodiphenylamine		<					<	<
8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine		<					<	<

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8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine	<					<	<
8270	250	50	87-86-5	T		ppb	Pentachlorophenol	<					<	<
8270	100	5.0	85-01-8	T		ppb	Phenanthrene	<					<	<
8270	100	5.0	108-95-2	T		ppb	Phenol	<					<	<
8270	100	5.0	129-00-0	T		ppb	Pyrene	<					<	<
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<					<	<
8270	100	5.0	95-95-4	T		ppb	2,4,5-Trichlorophenol	<					<	<
8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol	<					<	<
							Tested	10/31/97					11/03/97	11/03/97
							Dilution Factor	1					1	1
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<					<	<
8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<					<	<
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<					<	<
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<					<	<
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<					<	<
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<					<	<
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	<					<	<
							Tested						11/03/97	11/03/97
							Dilution Factor						1	1
8080	1.0	0.1	309-00-2	T		ppb	Aldrin						<	<
8080	1.0	0.2	319-84-6	T		ppb	alpha-BHC						<	<
8080	1.0	0.2	319-85-7	T		ppb	beta-BHC						<	<
8080	2.0	0.2	319-86-8	T		ppb	gamma-BHC						<	<
8080	1.0	0.2	58-89-9	T		ppb	gamma-BHC (Lindane)						<	<
8080	10	0.2	57-74-9	T		ppb	Chlordane						<	<
8080	2.0	0.5	72-54-9	T		ppb	4,4'-DDD						<	<
8080	5.0	0.1	72-55-9	T		ppb	4,4'-DDE						<	<
8080	1.0	0.1	50-29-3	T		ppb	4,4'-DDT						<	<
8080	2.0	0.5	60-57-1	T		ppb	Dieldrin						<	<
8080	1.0	0.5	959-98-8	T		ppb	Endosulfan I						<	<
8080	2.0	0.5	33213-65-9	T		ppb	Endosulfan II						<	<
8080	10	0.5	1031-07-8	T		ppb	Endosulfan sulfate						<	<
8080	2.0	0.02	72-20-8	T		ppb	Endrin						<	<
8080	2.0	0.2	7421-93-4	T		ppb	Endrin aldehyde						<	<
8080	1.0	0.1	76-44-8	T		ppb	Heptachlor						<	<
8080	1.0	0.2	1024-57-3	T		ppb	Heptachlor epoxide						<	<
8080	30	9.0	72-43-5	T		ppb	Methoxychlor						<	<
8080	35	0.5	8001-35-2	T		ppb	Toxaphene						<	<
							Tested							
8015m				T		ppm	Up to & Including C-12							
8015m				T		ppm	C13-22							
8015m				T		ppm	C23 & Higher							
							Tested							
8015m	8.0	0.5		T		ppm	Diesel							
							Tested							
8015m	5.0	0.05		T		ppm	Gas							

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MWI 9690

9060	5.0	1.0		T		ppm	*Tested* TOC									
9081	1.0	1.0		T		ppm	*Tested* Cation Exchange Capacity									

(a) QC units for Method 8270 are reported in ng

* Matrix Interference

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W BT11 TRIP BLANK 10/29/97 , N, H Y 10/29/97 15:45 W	QC(S)								QC(W)							
97100446	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]	RECOVER	D RECOVER	RPD
	10/30/97								11/03/97							
	97100441	0.0	100	118	124	118	124	5	OCA 100	0.0	2.5	2.4	2.3	96	92	4
	11/04/97								11/04/97							
	97100443	0.0	30.0	28.0	29.0	93	97	4	97100402	0.00	3.00	3.00	3.30	100	110	10
	97100443	0.79	10.0	9.9	10.2	91	94	3	97100402	0.11	1.00	1.10	1.30	99	119	17
	97100443	6.4	10.0	16.7	16.6	103	102	1	97100402	0.190	0.100	0.290	0.290	100	100	0
	97100443	0.00	1.00	0.96	0.96	96	96	0	97100402	0.00	0.100	0.11	0.11	110	110	0
	97100443	0.00	1.00	0.88	0.91	88	91	3	97100402	0.00	0.100	0.12	0.12	120	120	0
	10/30/97								10/30/97							
	97100442	0.00	1.00	0.99	1.00	99	100	1	97100445	0.00	0.50	0.55	0.53	110	106	4
	11/04/97								11/04/97							
	97100443	2.30	5.00	6.70	7.00	88	94	4	97100402	0.00	0.100	0.11	0.11	110	110	0
	97100443	0.66	1.00	1.50	1.60	84	94	6	97100402	0.05	0.100	0.13	0.13	82	82	0
	97100443	0.85	1.00	1.70	1.80	85	95	6	97100402	0.055	0.100	0.150	0.160	95	105	6
	97100443	0.00	10.0	8.00	8.00	80	80	0	97100402	0.00	1.00	1.00	1.10	100	110	10
	11/05/97								11/05/97							
	97100450	0.000	0.020	0.021	0.020	105	100	5	OCA 100	0.000	0.020	0.019	0.019	95	95	0
	11/04/97								11/04/97							
	97100443	0.0	10.0	10.4	10.1	104	101	3	97100402	0.00	1.00	1.20	1.20	120	120	0
	97100443	1.10	5.00	5.50	5.60	88	90	2	97100402	0.00	0.50	0.51	0.54	102	108	6
	97100443	0.0	10.0	10.2	10.3	102	103	1	97100402	0.00	1.00	0.89	0.94	89	94	5
	97100443	0.0	5.0	4.0	4.0	80	80	0	97100402	0.00	0.50	0.41	0.47	82	94	14
	97100443	0.0	30.0	31.0	31.0	103	103	0	97100402	0.00	3.00	3.30	2.90	110	97	13
	97100443	2.5	5.0	7.0	6.9	90	88	1	97100402	0.14	0.50	0.56	0.57	84	86	2
	97100443	3.8	5.0	8.7	8.8	98	100	1	97100402	0.042	0.100	0.130	0.140	88	98	7

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	11/04/97								10/30/97							
<	97110003	0.0	50	50	49	100	98	2	97100417	0.0	20	18	18	90	90	0
<																
<																
<																
<																
<																
<	97110003	0.0	50	52	51	104	102	2	97100417	0.0	20	18	18	90	90	0
<																
<																
<																
<																
<																
<																
<																
<	97110003	0.0	50	41	41	82	82	0	97100417	0.0	20	15	15	75	75	0
<																
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BOE-C6-0033362

< < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < < <	97110003	0 0	50	51	52	102	104	2	97100417	0.0	20	19	19	95	95	0
	97110003	0 0	50	54	53	108	106	2	97100417	0 0	20	17	17	85	85	0
107 107 102	10/31/97 OCA200	0.0	50	43	43	86	86	0	10/30/97 OCA100	0.0	50	46	44	92	88	4

	OCA200	0.0	100	74	73	74	73	1	OCA100	0.0	100	68	65	68	65	5
	OCA200	0.0	100	71	73	71	73	3	OCA100	0.0	100	73	72	73	72	1
	OCA200	0.0	50	41	41	82	82	0	OCA100	0.0	50	40	40	80	80	0
	OCA200	0.0	50	37	36	74	72	3	OCA100	0.0	50	39	37	78	74	5

BOE-C6-0033364

	OCA200	0.0	100	74	73	74	73	1	OCA100	0.0	100	74	73	74	73	1
	OCA200	0.0	100	69	70	69	70	1	OCA100	0.0	100	23	20	23	20	14
	OCA200	0.0	50	44	45	88	90	2	OCA100	0.0	50	45	44	90	88	2
	OCA200	0.0	50	43	44	86	88	2	OCA100	0.0	50	45	41	90	82	9
	10/31/97								11/03/97							
	97100439	0.0	250	43	44	17	18	2	OCA100	0.0	20	15	16	75	80	6
									11/03/97							
									OCA100	0.0	1.0	0.57	0.56	57	56	2

BOE-C6-0033365

BOE-C6-0033366

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 10/30/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please perform Carbon Chain analyses on the following samples on rush turn-around time:

B37-GS-206-5'
B37-GS-207-5'

Also, please analyze the following sample for VOCs (8260), SVOCs (8270), and PCBs (8080) on standard turn-around time:

B37-GS-209-10'

Please call me at (626) 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

24 TAT on soil TRPHs Standard TAT otherwise
REQUIRED TAT:

CUSTOMER INFORMATION

COMPANY: MONTGOMERY WATSON
SEND REPORT TO: FRED STRAUSS
ADDRESS: 250 N. MADISON AVE.
PASADENA, CA 91101
PHONE: (626) 568-6582 FAX: (626) 568-6515

PROJECT INFORMATION

PROJECT NAME: THE BOEING COMPANY
NUMBER: 1206035.01090010
LOCATION: C-6 FACILITY
ADDRESS: 19503 S. NORMANDIE AVE.
LOS ANGELES, CA 90501
SAMPLED BY: IV / 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			REMARKS/PRECAUTIONS
B37-GS-208-8'	2	10/28/97	1305	SOIL	2"x6" sleeve	ICE	X	X							
B37-GS-209-10'	2	10/28/97	1310	↓	↓		X	X							
B37-GS-210-7'	2	10/28/97	1325				X	X							
B37-GS-211-8'	2	10/28/97	1400				X	X							
B37-GS-212-10'	2	10/28/97	1415				X	X							
B37-GS-213-8'	2	10/28/97	1420	↓	↓		X	X							
EQUIPMENT BLANK	7	10/28/97	1450	WATER	4 amber 1 poly VOAs	none HCl	X	X	X	X	X	X			
RINSATE BLANK	7	10/28/97	1505	↓	↓	↓	X	X	X	X	X	X			
TRIP BLANK	2	10/28/97	—	↓	2VOAs	HCl			X						

-ERROR-
DATE SHOULD BE NOTED AS 10/29/97
RWN 10/30/97

Total No. of Samples: 9

Method of Shipment: 1 cooler via Orange Coast Analytical courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	10/29/97 1545		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:

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

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

REQUIRED TAT: 24 TAT on soil TRPH; Standard otherwise

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: MONTGOMERY WATSON	PROJECT NAME: THE BOEING COMPANY
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 90501
PHONE: (626)568-6582 FAX: (626)568-6515	SAMPLED BY: IV / CW

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
B37-GS-208-8'	2	10/28/97	1305	SOIL	2"x6" ss sleeve	ICE	X	X							
B37-GS-209-10'	2	10/28/97	1310				X	X							
B37-GS-210-7'	2	10/28/97	1325				X	X							
B37-GS-211-8'	2	10/28/97	1400				X	X							
B37-GS-212-10'	2	10/28/97	1415				X	X							
B37-GS-213-8'	2	10/28/97	1420				X	X							
EQUIPMENT BLANK	7	10/28/97	1450	WATER	4 amber 1 poly VOAs	none HNO3 HCl	X	X	X	X	X	X			
RINSATE BLANK	7	10/28/97	1505				X	X	X	X	X	X			
TRIP BLANK	2	10/28/97	—		2 VOAs	HCl			X						

Total No. of Samples: 9

Method of Shipment: 1 cooler via Orange Coast Analytical courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	10/29/97 1545		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible signature]	10/29/97 15:45

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 sal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0033369

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9692

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals , CCID

Date Sampled: 10/30/97
Date Received: 10/30/97
Date Reported: 11/07/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100449	97100450	97100451	97100452	97100453	LAB SAMP NO.	R1	T CONC	SL[e]	DL[e]	RECOVER
							SAMP TYPE	S	S	W	W	W	QC(S)					
							RES CODE	PP01	PP01	BF11	BR11	BT11						
							SAMP ID	SD-1COMP	B37-GS-214-6'	EQUIP BLANK	RINSATE BLANK	TRIP BLANK						
							SAMP DATE	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97						
							SAMP TIME		10:15	14:50	15:00							
							SAMP DEPTH		6'									
							PRESERVED			, N, H	, N, H	, N, H						
							ICED	Y	Y	Y	Y	Y						
							RECEIVED	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97						
							REC TIME	15:30	15:30	15:30	15:30	15:30						
							BASIS	W	W	W	W	W						
							Tested		10/31/97	11/03/97	11/03/97		10/31/97					
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons		50,000	<	<		97100440	0.0	100	107	106	107
							Tested		11/04/97	11/04/97	11/04/97		11/04/97					
6010	5.0	0.5		T		ppm	Antimony		<	<	<		97100443	0.0	30.0	28.0	29.0	93
6010	1.0	0.1		T		ppm	Arsenic		10	<	<		97100443	0.79	10.0	9.9	10.2	91
6010	0.1	0.01		T		ppm	Barium		110	<	<		97100443	6.4	10.0	16.7	16.6	103
6010	0.1	0.01		T		ppm	Beryllium		<	<	<		97100443	0.00	1.00	0.96	0.96	96
6010	0.1	0.01		T		ppm	Cadmium		<	<	<		97100443	0.00	1.00	0.88	0.91	88
							Tested		10/31/97	10/31/97	10/31/97		10/31/97					
7196	0.5	0.01		T		ppm	Chromium (VI)		<	<	<		97100450	0.00	1.00	0.99	1.00	99
							Tested	11/04/97	11/04/97	11/04/97	11/04/97		11/04/97					
6010	0.1	0.01		T		ppm	Chromium Total		32	<	<		97100443	2.30	5.00	6.70	7.00	88
6010	0.5	0.1		T		ppm	Cobalt	8.0	7.6	<	<		97100443	0.66	1.00	1.50	1.60	84
6010	0.1	0.01		T		ppm	Copper		11	<	<		97100443	0.85	1.00	1.70	1.80	85
6010	1.0	0.1		T		ppm	Lead		<	<	<		97100443	0.00	10.0	8.00	8.00	80
							Tested		11/05/97	11/05/97	11/05/97		11/05/97					
7471	0.01	0.002		T		ppm	Mercury		<	<	<		97100450	0.000	0.020	0.021	0.020	105
							Tested		11/04/97	11/04/97	11/04/97		11/04/97					
6010	0.5	0.1		T		ppm	Molybdenum		<	<	<		97100443	0.0	10.0	10.4	10.1	104
6010	0.5	0.1		T		ppm	Nickel		13	<	<		97100443	1.10	5.00	5.50	5.60	88
6010	1.0	0.1		T		ppm	Selenium		<	<	<		97100443	0.0	10.0	10.2	10.3	102
6010	0.1	0.1		T		ppm	Silver		<	<	<		97100443	0.0	5.0	4.0	4.0	80
6010	5.0	0.5		T		ppm	Thallium		<	<	<		97100443	0.0	30.0	31.0	31.0	103
6010	0.5	0.1		T		ppm	Vanadium		33	<	<		97100443	2.5	5.0	7.0	6.9	90
6010	0.1	0.01		T		ppm	Zinc		41	<	<		97100443	3.8	5.0	8.7	8.8	96
STLC							***Tested***											
		5.0		S		ppm	Antimony											
		1.0		S		ppm	Arsenic											
		0.1		S		ppm	Barium											
		0.1		S		ppm	Beryllium											
		0.1		S		ppm	Cadmium											
		0.5		S		ppm	Chromium (VI)											
		0.1		S		ppm	Chromium Total											
		0.5		S		ppm	Cobalt											
		0.1		S		ppm	Copper											

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		1.0		S		ppm	Lead										
		0.01		S		ppm	Mercury										
		0.5		S		ppm	Molybdenum										
		0.5		S		ppm	Nickel										
		1.0		S		ppm	Selenium										
		0.1		S		ppm	Silver										
		5.0		S		ppm	Thallium										
		0.5		S		ppm	Vanadium										
		0.1		S		ppm	Zinc										
TCLP							***Tested***										
		5.0		C		ppm	Antimony										
		1.0		C		ppm	Arsenic										
		0.1		C		ppm	Barium										
		0.1		C		ppm	Beryllium										
		0.1		C		ppm	Cadmium										
		0.5		C		ppm	Chromium (VI)										
		0.1		C		ppm	Chromium Total										
		0.5		C		ppm	Cobalt										
		0.1		C		ppm	Copper										
		1.0		C		ppm	Lead										
		0.01		C		ppm	Mercury										
		0.5		C		ppm	Molybdenum										
		0.5		C		ppm	Nickel										
		1.0		C		ppm	Selenium										
		0.1		C		ppm	Silver										
		5.0		C		ppm	Thallium										
		0.5		C		ppm	Vanadium										
		0.1		C		ppm	Zinc										
							Tested	11/03/97	11/03/97	11/03/97	11/03/97	11/03/97					
							Dilution Factor	1	1	1	1						
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	OCA 200	0.0	50	49	49	98
8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<						
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<						
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<						
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<						
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<						
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	OCA 200	0.0	50	49	49	98
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<						
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<						
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<						
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<						
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<						
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<	<	<	<						
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<						
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	<	<	<	<	OCA 200	0.0	50	41	41	82
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<						
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<						
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<						
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<						
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<						
8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<	<	<	<						

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8260	2.5	0.5	100-42-5	T		ppb	Styrene	<	<	<	<							
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<							
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene	3.2	<	<	<							
8260	2.5	0.5	108-88-3	T		ppb	Toluene	<	<	<	<	OCA 200	0.0	50	53	51	106	
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane	<	<	<	<							
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane	<	<	<	<							
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene	43	<	<	<	OCA 200	0.0	50	47	47	94	
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane	<	<	<	<							
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate	<	<	<	<							
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride	<	<	<	<							
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes	<	<	<	<							
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane	<	<	<	<							
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<	<	<	<							
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane	<	<	<	<							
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane	<	<	<	<							
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<	<	<	<							
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane	<	<	<	<							
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane	<	<	<	<							
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane	<	<	<	<							
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene	<	<	<	<							
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<							
8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane	<	<	<	<							
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene	<	<	<	<							
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene	<	<	<	<							
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene	<	<	<	<							
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene	<	<	<	<							
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene	<	<	<	<							
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene	<	<	<	<							
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene	<	<	<	<							
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene	<	<	<	<							
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene	<	<	<	<							
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<							
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<							
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene	<	<	<	<							
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<							
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA	<	<	<	<							
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<							
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<							
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene	<	<	<	<							
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	<	<	<	<							
					T	%	Dibromofluoromethane	106	106	103	104							
					T	%	Toluene-d8	105	110	110	111							
					T	%	4-Bromofluorobenzene	100	105	105	106							
							Tested	10/31/97	10/31/97	10/31/97		10/31/97						
							Dilution Factor	25	1	1								
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	<	<	<		OCA200	0.0	50	43	43	86	
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene	<	<	<								
8270	100	5.0	62-53-3	T		ppb	Aniline	<	<	<								
8270	100	5.0	120-12-7	T		ppb	Anthracene	<	<	<								
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<	<	<								
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene	<	<	<								

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8270	250	25	205-99-2	T	ppb	Benzo (b) fluoranthene	<	<	<							
8270	250	25	207-08-9	T	ppb	Benzo (k) fluoranthene	<	<	<							
8270	250	25	191-24-2	T	ppb	Benzo (g,h,i)perylene	<	<	<							
8270	250	25	50-32-8	T	ppb	Benzo (a) pyrene	<	<	<							
8270	100	50	100-51-6	T	ppb	Benzyl alcohol	<	<	<							
8270	100	5.0	111-91-1	T	ppb	Bis(2-chloroethoxy)methane	<	<	<							
8270	100	5.0	111-44-4	T	ppb	Bis(2-chloroethyl)ether	<	<	<							
8270	100	5.0	39638-32-9	T	ppb	Bis(2-chloroisopropyl)ether	<	<	<							
8270	100	3.0	117-81-7	T	ppb	Bis(2-ethylhexyl)phthalate	<	54	<							
8270	100	5.0	101-55-3	T	ppb	4-Bromophenyl phenyl ether	<	<	<							
8270	100	5.0	85-68-7	T	ppb	Butyl benzyl phthalate	<	<	<							
8270	100	5.0	106-47-8	T	ppb	4-Chloroaniline	<	<	<							
8270	100	5.0	91-58-7	T	ppb	2-Chloronaphthalene	<	<	<							
8270	100	5.0	59-50-7	T	ppb	4-Chloro-3-methylphenol	<	<	<	OCA200	0.0	100	74	73	74
8270	100	5.0	95-57-8	T	ppb	2-Chlorophenol	<	<	<	OCA200	0.0	100	71	73	71
8270	100	5.0	7005-72-3	T	ppb	4-Chlorophenyl phenyl ehter	<	<	<						
8270	100	5.0	218-0109	T	ppb	Chrysene	<	<	<						
8270	100	25	53-70-3	T	ppb	Dibenz(a,h)anthracene	<	<	<						
8270	100	5.0	132-64-9	T	ppb	Dibenzofuran	<	<	<						
8270	250	5.0	84-74-2	T	ppb	Di-N-butyl phthalate	<	<	<						
8270	100	5.0	541-73-1	T	ppb	1,3-Dichlorobenzene	<	<	<						
8270	100	5.0	106-46-7	T	ppb	1,4-Dichlorobenzene	<	<	<	OCA200	0.0	50	41	41	82
8270	100	5.0	95-50-1	T	ppb	1,2-Dichlorobenzene	<	<	<						
8270	100	5.0	91-94-1	T	ppb	3,3-Dichlorobenzidine	<	<	<						
8270	100	5.0	120-83-2	T	ppb	2,4-Dichlorophenol	<	<	<						
8270	100	5.0	84-66-2	T	ppb	Diethyl phthalate	<	<	<						
8270	100	5.0	105-67-9	T	ppb	2,4-Dimethylphenol	<	<	<						
8270	100	5.0	131-11-3	T	ppb	Dimethyl phthalate	<	<	<						
8270	100	50	534-52-1	T	ppb	4,6-Dinitro-2-methylphenol	<	<	<						
8270	100	50	51-28-5	T	ppb	2,4-Dinitrophenol	<	<	<						
8270	250	5.0	121-14-2	T	ppb	2,4-Dinitrotoluene	<	<	<						
8270	250	5.0	606-20-2	T	ppb	2,6-Dinitrotoluene	<	<	<						
8270	250	25	117-84-0	T	ppb	Di-N-octyl phthalate	<	<	<						
8270	100	5.0	206-44-0	T	ppb	Fluoranthene	<	<	<						
8270	100	5.0	86-73-7	T	ppb	Fluorene	<	<	<						
8270	100	5.0	118-74-1	T	ppb	Hexachlorobenzene	<	<	<						
8270	100	5.0	87-68-3	T	ppb	Hexachlorobutadiene	<	<	<						
8270	100	5.0	77-47-4	T	ppb	Hexachlorocyclopentadiene	<	<	<						
8270	100	5.0	67-72-1	T	ppb	Hexachloroethane	<	<	<						
8270	250	25	193-39-5	T	ppb	Indeno(1,2,3-cd)pyrene	<	<	<						
8270	100	5.0	78-59-1	T	ppb	Isophorone	<	<	<						
8270	100	5.0	91-57-6	T	ppb	2-Methylnaphthalene	<	<	<						
8270	100	5.0	95-48-7	T	ppb	2-Methylphenol	<	<	<						
8270	100	5.0	106-44-5	T	ppb	4-Methylphenol	<	<	<						
8270	100	5.0	91-20-3	T	ppb	Naphthalene	<	<	<						
8270	250	50	88-74-4	T	ppb	2-Nitroaniline	<	<	<						
8270	250	50	99-09-2	T	ppb	3-Nitroaniline	<	<	<						
8270	250	50	100-01-6	T	ppb	4-Nitroaniline	<	<	<						
8270	100	5.0	98-95-3	T	ppb	Nitrobenzene	<	<	<						
8270	100	5.0	88-75-5	T	ppb	2-Nitrophenol	<	<	<						
8270	100	50	100-02-7	T	ppb	4-Nitrophenol	<	<	<						
8270	100	5.0	86-30-6	T	ppb	N-Nitrosodiphenylamine	<	<	<						
8270	100	5.0	621-64-7	T	ppb	N-Nitroso-di-N-propylamine	<	<	<	OCA200	0.0	50	37	36	74

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8270	100	5.0	62-75-9	T	ppb	N-Nitrosodimethylamine	<	<	<								
8270	250	50	87-86-5	T	ppb	Pentachlorophenol	<	<	<		OCA200	0.0	100	74	73	74
8270	100	5.0	85-01-8	T	ppb	Phenanthrene	<	<	<							
8270	100	5.0	108-95-2	T	ppb	Phenol	<	<	<		OCA200	0.0	100	69	70	69
8270	100	5.0	129-00-0	T	ppb	Pyrene	<	<	<		OCA200	0.0	50	44	45	88
8270	100	5.0	120-82-1	T	ppb	1,2,4-Trichlorobenzene	<	<	<		OCA200	0.0	50	43	44	86
8270	100	5.0	95-95-4	T	ppb	2,4,5-Trichlorophenol	<	<	<							
8270	100	5.0	88-06-2	T	ppb	2,4,6-Trichlorophenol	<	<	<							
						Tested	11/06/97	11/03/97	11/03/97		11/06/97					
						Dilution Factor	1	1	1							
8080	20	5.0	12674-11-2	T	ppb	PCB-1016	<	<	<							
8080	20	5.0	11104-28-2	T	ppb	PCB-1221	<	<	<							
8080	20	5.0	11141-16-5	T	ppb	PCB-1232	<	<	<							
8080	20	5.0	53469-21-9	T	ppb	PCB-1242	<	<	<							
8080	20	5.0	12672-29-6	T	ppb	PCB-1248	<	<	<							
8080	20	5.0	11097-69-1	T	ppb	PCB-1254	<	<	<							
8080	20	5.0	11096-82-5	T	ppb	PCB-1260	<	<	<		97100364	0.0	250	180	190	72
						Tested		11/03/97	11/03/97							
						Dilution Factor		1	1							
8080	1.0	0.1	309-00-2	T	ppb	Aldrin		<	<							
8080	1.0	0.2	319-84-6	T	ppb	alpha-BHC		<	<							
8080	1.0	0.2	319-85-7	T	ppb	beta-BHC		<	<							
8080	2.0	0.2	319-86-8	T	ppb	gamma-BHC		<	<							
8080	1.0	0.2	58-89-9	T	ppb	gamma-BHC (Lindane)		<	<							
8080	10	0.2	57-74-9	T	ppb	Chlordane		<	<							
8080	2.0	0.5	72-54-9	T	ppb	4,4'-DDD		<	<							
8080	5.0	0.1	72-55-9	T	ppb	4,4'-DDE		<	<							
8080	1.0	0.1	50-29-3	T	ppb	4,4'-DDT		<	<							
8080	2.0	0.5	60-57-1	T	ppb	Dieldrin		<	<							
8080	1.0	0.5	959-98-8	T	ppb	Endosulfan I		<	<							
8080	2.0	0.5	33213-65-9	T	ppb	Endosulfan II		<	<							
8080	10	0.5	1031-07-8	T	ppb	Endosulfan sulfate		<	<							
8080	2.0	0.02	72-20-8	T	ppb	Endrin		<	<							
8080	2.0	0.2	7421-93-4	T	ppb	Endrin aldehyde		<	<							
8080	1.0	0.1	76-44-8	T	ppb	Heptachlor		<	<							
8080	1.0	0.2	1024-57-3	T	ppb	Heptachlor epoxide		<	<							
8080	30	9.0	72-43-5	T	ppb	Methoxychlor		<	<							
8080	35	0.5	8001-35-2	T	ppb	Toxaphene		<	<							
						Tested	11/04/97									
8015m				T	ppm	Up to & Including C-12	<									
8015m				T	ppm	C13-22	2,500									
8015m				T	ppm	C23 & Higher	17,000									
8015m	8.0	0.5		T	ppm	Total	20,000									
						Tested					11/04/97					
8015m	8.0	0.5		T	ppm	Diesel					OCA 200	0.0	100	90	72	90
						Tested										
8015m	5.0	0.05		T	ppm	Gas										

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MWI 9692

9060	5.0	1.0		T		ppm	Tested TOC												
9081	1.0	1.0		T		ppm	Tested Cation Exchange Capacity												

(a) QC units for Method 8270 are reported in ng.

BOE-C6-0033376

		QC(W)							
D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL[e]	DL[e]	RECOVER	D RECOVER	RPD
		11/03/97							
108	1	OCA 100	0.0	2.5	2.4	2.3	96	92	4
		11/04/97							
97	4	97100402	0.00	3.00	3.00	3.30	100	110	10
94	3	97100402	0.11	1.00	1.10	1.30	99	119	17
102	1	97100402	0.190	0.100	0.290	0.290	100	100	0
96	0	97100402	0.00	0.100	0.11	0.11	110	110	0
91	3	97100402	0.00	0.100	0.12	0.12	120	120	0
		10/31/97							
100	1	97100452	0.00	0.50	0.55	0.53	110	106	4
		11/04/97							
94	4	97100402	0.00	0.100	0.11	0.11	110	110	0
94	6	97100402	0.05	0.100	0.13	0.13	80	80	0
95	6	97100402	0.055	0.100	0.150	0.160	95	105	6
80	0	97100402	0.00	1.00	1.00	1.10	100	110	10
		11/05/97							
100	5	OCA 100	0.000	0.020	0.019	0.019	95	95	0
		11/04/97							
101	3	97100402	0.00	1.00	1.20	1.20	120	120	0
90	2	97100402	0.00	0.50	0.51	0.54	102	108	6
103	1	97100402	0.00	1.00	0.89	0.94	89	94	5
80	0	97100402	0.00	0.50	0.41	0.47	82	94	14
103	0	97100402	0.00	3.00	3.30	2.90	110	97	13
88	1	97100402	0.14	0.50	0.56	0.57	84	86	2
100	1	97100402	0.042	0.100	0.130	0.140	88	98	7

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98	0	11/03/97 1 97100453	0.0	20	18	18	90	90	0
98	0	97100453	0.0	20	19	18	95	90	5
82	0	97100453	0.0	20	15	15	75	75	0

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102	4	97100453	0.0	20	20	19	100	95	5
94	0	97100453	0.0	20	17	17	85	85	0
86	0	OCA100	0.0	50	46	44	92	88	4

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73	1	OCA100	0.0	100	70	71	70	71	1
73	3	OCA100	0.0	100	73	72	73	72	1
82	0	OCA100	0.0	50	40	40	80	80	0
72	3	OCA100	0.0	50	42	40	84	80	5

BOE-C6-0033380

73	1	OCA100	0.0	100	79	74	79	74	7
70	1	OCA100	0.0	100	24	21	24	21	13
90	2	OCA100	0.0	50	44	44	88	88	0
88	2	OCA100	0.0	50	44	43	88	86	2
		11/03/97							
76	5	OCA100	0.0	20	15	16	75	80	6
		11/03/97							
		OCA100	0.0	1.0	0.57	0.56	57	56	2
72	22								

BOE-C6-0033381

BOE-C6-0033382

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 10/31/97

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 Carbon Chain analyses on the following sample on standard turn-around time:

B37-GS-214-6'

Please call me at (626) 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 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: ____
Page 1 / 1

REQUIRED TAT: 24 hr TAT on Soil / TRPH only; Standard TAT Otherwise

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Montgomery Watson	PROJECT NAME: The Boeing Company
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 90501
PHONE: (626) 568-6582 FAX: (626) 568-6515	SAMPLED BY: IV/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	Cobalt		REMARKS/PRECAUTIONS
SD-1A	1	10/30/97	0942	SEDIMENT	2"x6" SS SLEEVE	ICE									COMPOSITE TO SD-1COMP
SD-1B	1	10/30/97	0945	SEDIMENT	2"x6" SS SLEEVE										COMPOSITE TO SD-1COMP
SD-1COMP													X		* COMPOSITE OF SD-1A, SD-1B —COMPOSITE AT LAB—
B37-GS-214-6'	2	10/30/97	1015	SOIL	2"x6" SS SLEEVE		X	X	X	X	X				
Equipment Blank	7	10/30/97	1450	WATER	Gallon Poly	None Unpres	X	X	X	X	X	X			
Rinsate Blank	7	10/30/97	1500	WATER	↓	↓	X	X	X	X	X	X			
Trip Blank	2	10/30/97	—	WATER	2 VOAs	HCl			X						

Total No. of Samples: 1

Method of Shipment: 1 cooler via Orange Coast Analytical Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	10/30/97 1530		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	10/30/97 15:30

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-C6-0033384

Appendix C

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	OA1 - 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	OA1 - RE2 - H	142
	2034	10	OA1 - RE2 - I	128
	2036	11		14
	2037	12		144
	2039	13		154
	2042	14		149
	2044	15		29
	2047	16	OA1 - RE2 - I	124
	2050	17	OA1 - RE2 - J	130
	2053	18		156
	2055	19		51
	2101	20	OA1 - RE2 - J	140
	2157	21	OA1 - RE2 - I, J	126
	2200	22		131
	2202	23		129
	2205	24		141
	2208	25		163
	2210	26		150
	2219	27	OA1 - RE2 - I - J	128
	2220	28	OA1 - RE3 - B	149
	2223	29	OA1 - RE3 - B	154
10/7/97	2225	30	OA1 - 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
		0142	59		150
		0147	60		126
WAVE 4	10/8/97	0149	61	OAI-RE2-C	129

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	0152	62	OA1 - RE2 - C	141
1	0156	63	OA1 - RE2 - C	149
	0159	64	OA1 - RE2 - D, C	154
	0201	65	OA1 - RE2 - C, D	163
	0203	66	OA1 - RE2 - C, D	127
	0207	67	OA1 - RE2 - D	131
	0209	68	OA1 - RE2 - D	128
	0211	69	OA1 - RE2 - D	~~44~~
	0214	70	OA1 - RE2 - D	29
	0216	71	OA1 - RE2 - D	14
	0218	72	OA1 - RE2 - D	124
	0220	73	OA1 - RE2 - D,	130
	0222	74	OA1 - RE2 - C, D	140
10/8/97	0228	75	OA1 - RE2 - C, D	156
	~~0230~~	~~76~~	9M	~~142~~ 9M
		~~77~~	9m	
10/8/97	~~2085~~ 9m	1	OA1 - RE2 - 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	OA1 - RE2 - F	S11
	2034	11	OA1 - RE3 - C	28
	2036	12	OA1 - RE3 - C	120
	2038	13		98 ~~98-2 89m~~
	2040	14		156
10/8/97	2042	15	OA1 - RE3 - C	4

WAVE 4

WAVE 1

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
WAVE 1	10/8/97	2050	16	OAI-RE3-C	129
		2052	17		131
		2054	18		149
		2058	19	OAI-RE3-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
		2333	43		136
WAVE 3		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 - RE1 - 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
		0219	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

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
10/9/97	2344	32	OAI - REI - A	126
10/9/97	2357	33		B12
10/10/97	0007	34		136
	0010	35		132
	0014	36		B11
	0016	37		137
	0026	38		131
	0029	39		129
	0038	40	OAI - 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: _____ 10/10/97

MDRC/Backfill/Stockpil/disposal/form

(DRIVER: PLEASE SIGN BELO

Welcome to the
Bradley Landfill and Recycling Center
Thank you and have a great day
Drive Safely

078004

10/13/19

nifest

(PLEASE SIGN HERE)	Loc ID	County	St Pct
	LA	LA	LA 100%

15

562-627-3014

ion

an 50 ppm

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Order	Time	Date
In:	XUC	02:17 PM	10/13/1997
Out:	XUC	02:17 PM	10/13/1997

PPM
PPM
PPM
PPM
PPM

Bradley Landfill
9081 Tujunga Avenue

Sun Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
007766	SH				

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

(714) 882-6730

MANIFEST NO.

PERMIT NO.

it ID # 141

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
919	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

818) 767-6180

Printed on recycled paper

ORIGINAL

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** G.O Pfn

BOE-C6-0033393

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
(#)	(Circle One)
Volume/CY ~~Approx. 5300~~	Tank Truck
Weight/Tons Approx. ~~1000~~ 25	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) 682-6750

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

Generator	Transporter	TSD Facility
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

G.Oppn

BOE-C6-0033394

(DRIVER: PLEASE SIGN BELOW

Welcome to the
Bradley Landfill and Recy[redacted]enter
Thank you and have a great [redacted]
Drive Safely

078115

10/[redacted]

nifest

(PLEASE SIGN HERE)

Loc ID	County	St Pct
CA	LA	CA 100%

562-627-3014

ion

an 50 ppm

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Oper	Time	Date
In:	XUC	02:30 PM	10/13/1997
Out:	XUC	02:30 PM	10/13/1997

PPM
PPM
PPM
PPM
PPM

Bradley Landfill
9081 [redacted]unga Avenue
[redacted]
Sun Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
0007766	SH				

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

MANIFEST NO.

PERMIT NO.

714) 632-6730

ID # 130

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
919	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

18) 767-6180

Printed on recycled paper

ORIGINAL

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
Name (Typed or Printed) Date

James Pledge
Signature

TSD Facility 0.0 ppm

BOE-C6-0033395

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	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		

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 10/10/97 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

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

(DRIVER: PLEASE SIGN BELC

Welcome to the
Bradley Landfill and Recy[redacted]enter
Thank you and have a great[redacted]
Drive Safely

078009

10/[redacted]

nifest

562-627-3014

on

n 50 ppm

(PLEASE SIGN HERE)

Loc ID	County	St Pct
LA	LA	CA 100%

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Oper	Time	Date
In:	XUC	02:21 PM	10/13/1997
Out:	XUC	02:21 PM	10/13/1997

PPM
PPM
PPM
PPM
PPM

Bradley Landfill
9081 Tujunga Avenue

Sun Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
0007766	SH				

(714) 632-6730.

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

MANIFEST NO.

PERMIT NO.

it ID # 103

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
919	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

818) 767-6180

Printed on recycled paper

ORIGINAL

SIGNATURES

S.M. Stavale 10/8/97
Name (Typed or Printed) Date

SMStavale
Signature

...rator

Name (Typed or Printed) Date

Signature

Transporter

James Pledger 10/9/97
Name (Typed or Printed) Date

James Pledger
Signature

TSD Facility

0 ppm

BOE-C6-0033397

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) 632-6750.

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/18/97 Truck, Unit ID # 103

TSD FACILITY INFORMATION

Name Bradley Landfill and Recycling Center Phone (818) 767-61[illegible]

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 Pledge 10/8/97
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed)
SMStarale		James Pledge
Signature	Signature	Signature
Generator	Transporter	TSD Facility

(DRIVER: PLEASE SIGN BEI)

Welcome to the
Bradley Landfill and Recyc[redacted]enter
Thank you and have a great[redacted]
Drive Safely

078071

10/[redacted]

n i f e s t

(PLEASE SIGN HERE)	Loc ID	County	St Pct
	LA	LA	CA 100%

62-627-3014

ion

an 50 ppm

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Uder	Time	Date
In:	XUC	02:10 PM	10/13/1997
Out:	XUC	02:10 PM	10/13/1997

PPM___
PPM___
PPM___
PPM___
PPM___

Bradley Landfill
Yosemujunga Avenue
Sun Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
0007766	SH				

714) 632-6730

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

MANIFEST NO.
PERMIT NO.

t ID # 131

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
919	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

18) 767-6180

Printed on recycled paper

WM0090

ORIGINAL

SIGNATURES

S.M. Stavale 10/8/97
Name (Typed or Printed) Date
SMStavale
Signature
Generator

Name (Typed or Printed) Date
Signature
Transporter

James Pledi 10/9
Name (Typed or Printed) Date
James Pledi
Signature
TSD Facility 0.0 ppm

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	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

S.M. Stavale 10/8/97		James Pledi 10/9
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed) Date
SMStavale		James Pledi
Signature	Signature	Signature
Generator	Transporter	TSD Facility 00 ppm

(DRIVER: PLEASE SIGN BELO.

Welcome to the
Bradley Landfill and Recycling Center
Thank you and have a great day
Drive Safely

0780..

10/13/1997

nifest

(PLEASE SIGN HERE)

Loc ID	County	ST Pct
LA	LA	CA 100%

5
562-627-3014
m
50 ppm

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Oper	Time	Date
In:	XUC	02:09 PM	10/13/1997
Out:	XUC	02:09 PM	10/13/1997

PPM
PPM
PPM
PPM
PPM

Bradley Landfill
9081 Tujunga Avenue

Sun Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
0007766	SH				

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

MANIFEST NO.

PERMIT NO.

ne 714) 632-6730

ID# 129

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
919	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

18) 767-6180

Printed on recycled paper

ORIGINAL

SIGNATURES

S.M. Stavale 10/8/97
Name (Typed or Printed) Date

SMStavale
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

4004

BOE-C6-0033401

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
(#)	(Circle One)
Volume/CY ~~Approx. 5380~~	Tank Truck
Weight/Tons ~~Approx. 6850~~ 25	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., 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 — 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

(DRIVER: PLEASE SIGN BELOW

0780

Welcome to the
Bradley Landfill and Recy[redacted]enter
Thank you and have a great [redacted]
Drive Safely

10/13/[redacted]

nifest

562-627-3014

on

n 50 ppm

(PLEASE SIGN HERE)	Loc ID	County	ST Pct
	LA	LA	CA 100%

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Oper	Time	Date
In:	XUC	02:20 PM	10/13/1997
Out:	XUC	02:20 PM	10/13/1997

PPM
PPM
PPM
PPM
PPM

Bradley Landfill
9081 Tujunga Avenue
Sun Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
007766	SH				

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

MANIFEST NO.

PERMIT NO.

one (714) 632-6730

it ID # 154

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
919	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

818) 767-6180

Printed on recycled paper

ORIGINAL

SIGNATURES

S.M. Stavale 10/8/97
Name (Typed or Printed) Date

Name (Typed or Printed) Date

James Pledger
Name (Typed or Printed) Date

S M Stavale
Signature

Signature

James Pledger
Signature

Generator

Transporter

TSD Facility 0.0 pk

BOE-C6-0033403

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) 632-6130

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** O.O.P.F.

R: PLEASE SIGN BELC
to the
Landfill and Recycling Center
you and have a great day
e Safely

078 0

10/13/

nifest

(PLEASE SIGN HERE)

Loc ID	County	ST Pct
LA	LA	CA 100%

one 562-627-3014

ha 50 ppm

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Uber	Time	Date
In:	XUC	02:10 PM	10/13/1997
Out:	XUC	02:10 PM	10/13/1997

PPM
PPM
PPM
PPM
PPM

Bradley Landfill
9081 Tujunga Avenue
Sun Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
0007766	SH				

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

MANIFEST NO.

PERMIT NO.

ne (714) 632-6730

ID # 103

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
919	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

18) 767-6180

Printed on recycled paper

ORIGINAL

SIGNATURES

S. M. Stavale 10/8/97
Name (Typed or Printed) Date

SMStavale
Signature
Generator

Name (Typed or Printed) Date

Signature
Transporter

James Pledger
Name (Typed or Printed) Date

James Pledger
Signature
TSD Facility

00 ppm

BOE-C6-0033405

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. ~~[illegible]~~ 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) 632-6

Address 3920 E. Coronado St., Suite 101

Anaheim, CA 92807

Service Order # Pick up Date 10/10/97 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 Pleiss
Name (Typed or Printed) Date	Name (Typed or Printed) Date	Name (Typed or Printed)
SMStavale		James Pleiss
Signature	Signature	Signature

(DRIVER: PLEASE SIGN BELC

Welcome to the
Bradley Landfill and Recycling Center
Thank you and have a great day
Drive Safely

078101

10/13/1997

nifest

05

562-627-3014

ion

an 50 ppm

(PLEASE SIGN HERE)

Loc ID	County	St Pct
LA	LA	CA 100%

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Oper	Time	Date
In:	XUC	02:22 PM	10/13/1997
Out:	XUC	02:22 PM	10/13/1997

PPM
PPM
PPM
PPM
PPM

Bradley Landfill
9081 Tujunga Avenue

Sun Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
0007766	SH				

(714) 632-6730

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

MANIFEST NO.

PERMIT NO.

it ID # 141

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
Y1Y	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

318) 767-6180

Printed on recycled paper

ORIGINAL

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 10/9/97
Name (Typed or Printed) Date
James Pledger
Signature
TSD Facility
0.0 PPM

BOE-C6-0033407

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. 3300~~	Tank Truck	(Circle One)	2.	PPM
Weight/Tons Approx. ~~3520~~ 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) 632-6

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 — Name (Typed or Printed) Date

S.M. Stavale — Signature

Generator

Name (Typed or Printed) Date

Signature

Transporter

James Pledger 10/9/97 — Name (Typed or Printed) Date

James Pledger — Signature

TSD Facility 0.0 PPM

(DRIVER: PLEASE SIGN BELO

Welcome to the
Bradley Landfill and Recy[illegible]enter
Thank you and have a great [illegible]
Drive Safely

078043

10/[redacted]

[redacted]nifest

(PLEASE SIGN HERE)	Loc ID	County	St Pct
	LA	LA	CA 100%

562-627-3014

ion

an 50 ppm

GROSS: 37.500
TARE: 12.500
NET: 25.000

	Uber	Time	Date
In:	XUC	02:11 PM	10/13/1997
Out:	XUC	02:11 PM	10/13/1997

PPM___
PPM___
PPM___
PPM___
PPM___

Bradley Landfill
[illegible]ujunga Avenue
[illegible]
[illegible] Valley, CA 91352
(818) 767-6180 FAX: (818) 252-3249

CUSTOMER NO.	TRUCK NO.	INITIALS	TIME	DATE	BATCH NO.
0007766	5H				

(714) 632-6730

CUSTOMER:
BOEING CORPORATION
4060 LAKEWOOD BLVD.
6TH FLOOR
LONG BEACH CA 90808-1700

MANIFEST NO.
PERMIT NO.

hit ID # 130

LOAD CODE	LOAD DESCRIPTION	LOAD QUANTITY	AMOUNT
4L9	DAILY COVER		200.00
	TOTAL GATE FEE:		200.00

818) 767-6180

Printed on recycled paper

ORIGINAL

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 Pl[illegible] 10/9/
Name (Typed or Printed) Date
James Pl[illegible]
Signature
TSD Facility

BOE-C6-0033409

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) 632-6[illegible]

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 Pled[illegible] 10/9[illegible] — Name (Typed or Printed) Date

James Pled[illegible] — Signature

TSD Facility 0.0[illegible]