Table of Contents

Laboratory Reference #	Consultant	Laboratory	Sample Date
KJC 8976	Kennedy Jenks	Orange Coast Analytical, Inc.	4/24/1997
KJC 11691	Kennedy Jenks	Orange Coast Analytical, Inc.	8/30/2000
MWI 9166	Montgomery Watson	Orange Coast Analytical, Inc.	6/5/1997
MWI 9304	Montgomery Watson	Orange Coast Analytical, Inc.	7/2/1997
MWI 9256	Montgomery Watson	Orange Coast Analytical, Inc.	6/24/1997
MWI 9190	Montgomery Watson	Orange Coast Analytical, Inc.	6/12/1997
MWI 9166	Montgomery Watson	Orange Coast Analytical, Inc.	6/6/1997
MWI 9388	Montgomery Watson	Orange Coast Analytical, Inc.	7/15/1997
MWI 9334	Montgomery Watson	Orange Coast Analytical, Inc.	7/16/1997
MWI 9349	Montgomery Watson	Orange Coast Analytical, Inc.	7/17/1997
MWI 9567	Montgomery Watson	Orange Coast Analytical, Inc.	9/18/1997
MWI 9579	Montgomery Watson	Orange Coast Analytical, Inc.	9/24/1997
MWI 9256	Montgomery Watson	Orange Coast Analytical, Inc.	6/23/1997

#33

5/12/97

ORANGE COAST ANALYTICAL, INC.
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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Water, EB-1-042497
Laboratory Sample #: 97041328
Laboratory Reference #: KJC 8976

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-25-97
Reported: 05-09-97

VOLATILE ORGANIC COMPOUNDS (EPA 8010)

ANALYTE	*DETECTION LIMIT* ug/l	*SAMPLE RESULTS* ug/l
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chlorodibromomethane	0.5	N.D.
Chloroethane	1.0	N.D.
2-Chloroethyl vinyl ether	5.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	1.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	0.5	N.D.
Trans 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.5	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.5	N.D.
Tetrachloroethene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	0.5	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

Surrogate Recovery	*%*
1,4-Dichlorobutane	*81*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-25-97
Reported: 05-09-97

Sample Description: Water, TB-1-042497
Laboratory Sample #: 97041329
Laboratory Reference #: KJC 8976

VOLATILE ORGANIC COMPOUNDS (EPA 8010)

ANALYTE	*DETECTION LIMIT ug/l*	*SAMPLE RESULTS ug/l*
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	1.0	N.D.
Carbon tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chlorodibromomethane	0.5	N.D.
Chloroethane	1.0	N.D.
2-Chloroethyl vinyl ether	5.0	N.D.
Chloroform	0.5	N.D.
Chloromethane	1.0	N.D.
1,2-Dichlorobenzene	2.0	N.D.
1,3-Dichlorobenzene	2.0	N.D.
1,4-Dichlorobenzene	2.0	N.D.
1,1-Dichloroethane	0.5	N.D.
1,2-Dichloroethane	0.5	N.D.
1,1-Dichloroethene	0.5	N.D.
Trans 1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	0.5	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	0.5	N.D.
Tetrachloroethene	0.5	N.D.
1,1,1-Trichloroethane	0.5	N.D.
1,1,2-Trichloroethane	0.5	N.D.
Trichloroethene	0.5	N.D.
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

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

ORANGE COAST ANALYTICAL

Mark Noorani
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Surrogate Recovery	*%*
1,4-Dichlorobutane	*84*

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-2.0

Laboratory Sample Number: 97041321
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-02-97
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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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-5.0

Laboratory Sample Number: 97041322
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-02-97
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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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-9.0

Laboratory Sample Number: 97041323
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-02-97
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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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-19.0

Laboratory Sample Number: 97041324
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-02-97
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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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-29.0

Laboratory Sample Number: 97041325
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-02-97
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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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-39.0

Laboratory Sample Number: 97041326
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-02-97
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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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-49.0

Laboratory Sample Number: 97041327
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-02-97
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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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-2.0

Laboratory Sample Number: 97041321
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-07-97
Reported: 05-09-97

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	130	<---
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	9.4	<---
Copper	6010	25	2500	0.1	16	<---
Lead	6010	5.0	1000	1.0	7.0	<---
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	29	<---
Zinc	6010	250	5000	0.1	68	<---

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

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-5.0

Laboratory Sample Number: 97041322
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-07-97
Reported: 05-09-97

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	130	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	24	<---
Cobalt	6010	80	8000	0.5	7.8	<---
Copper	6010	25	2500	0.1	12	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	14	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	30	<---
Zinc	6010	250	5000	0.1	32	<---

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

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-9.0

Laboratory Sample Number: 97041323
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-07-97
Reported: 05-09-97

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	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	25	<---
Cobalt	6010	80	8000	0.5	6.9	<---
Copper	6010	25	2500	0.1	14	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	14	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	26	<---
Zinc	6010	250	5000	0.1	39	<---

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

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-19.0

Laboratory Sample Number: 97041324
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-07-97
Reported: 05-09-97

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	45	<---
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	17	<---
Cobalt	6010	80	8000	0.5	4.1	<---
Copper	6010	25	2500	0.1	7.7	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	7.3	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	16	<---
Zinc	6010	250	5000	0.1	26	<---

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

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2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-29.0

Laboratory Sample Number: 97041325
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-07-97
Reported: 05-09-97

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	63	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	28	<---
Cobalt	6010	80	8000	0.5	3.9	<---
Copper	6010	25	2500	0.1	15	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	8.7	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	27	<---
Zinc	6010	250	5000	0.1	30	<---

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-39.0

Laboratory Sample Number: 97041326
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-07-97
Reported: 05-09-97

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	110	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	35	<---
Cobalt	6010	80	8000	0.5	47	<---
Copper	6010	25	2500	0.1	22	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	13	<---
Selenium	6010	1.0	100	1.0	N.D.	
Silver	6010	5.0	500	0.1	N.D.	
Thallium	6010	7.0	700	5.0	N.D.	
Vanadium	6010	24	2400	0.5	24	<---
Zinc	6010	250	5000	0.1	47	<---

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

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-49.0

Laboratory Sample Number: 97041327
Laboratory Reference #: KJC 8976

Sampled: 04-24-97
Received: 04-24-97
Analyzed: 05-07-97
Reported: 05-09-97

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	11	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	N.D.	
Chromium Total	6010	560	2500	0.05	9.2	<---
Cobalt	6010	80	8000	0.5	1.0	<---
Copper	6010	25	2500	0.1	1.7	<---
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	2.5	<---
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	5.3	<---
Zinc	6010	250	5000	0.1	7.9	<---

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

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Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-2.0
Laboratory Sample #: 97041321
Laboratory Reference #: KJC 8976

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-29-97
Reported: 05-09-97

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.
enzo(k)fluoranthene	207-08-9	250	N.D.
enzo(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 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.
methyl phthalate	131-11-3	100	N.D.
,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

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

Sample Description: Soil, 2BB-2-11-2.0
Laboratory Sample #: 97041321

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.
-Methylphenol	95-48-7	100	N.D.
-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 detectior

ORANGE COAST ANALYTICAL

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Laboratory Director

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Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-5.0
Laboratory Sample #: 97041322
Laboratory Reference #: KJC 8976

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-29-97
Reported: 05-09-97

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.
nzo(k)fluoranthene	207-08-9	250	N.D.
enzo(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 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.
4-Dimethylphenol	105-67-9	100	N.D.
methyl phthalate	131-11-3	100	N.D.
,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

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

Sample Description: Soil, 2BB-2-11-5.0
Laboratory Sample #: 97041322

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.
Methylphenol	95-48-7	100	N.D.
-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

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-9.0
Laboratory Sample #: 97041323
Laboratory Reference #: KJC 8976

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-29-97
Reported: 05-09-97

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.	
enzo(k)fluoranthene	207-08-9	250	N.D.	
nzo(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	170	<---
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.	
,4-Dimethylphenol	105-67-9	100	N.D.	
methyl phthalate	131-11-3	100	N.D.	
6-Dinitro-2-methylphenol	534-52-1	100	N.D.	
2,4-Dinitrophenol	51-28-5	100	N.D.	

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

Sample Description: Soil, 2BB-2-11-9.0
Laboratory Sample #: 97041323

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.
-Methylphenol	95-48-7	100	N.D.
-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 detectior

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Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-19.0
Laboratory Sample #: 97041324
Laboratory Reference #: KJC 8976

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-29-97
Reported: 05-09-97

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.
enzo(k)fluoranthene	207-08-9	250	N.D.
enzo(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 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.
imethyl phthalate	131-11-3	100	N.D.
,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

ORANGE COAST ANALYTICAL, INC.
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SEMI-VOLATILE ORGANICS by GC/MS (EPA 8270) (continued)

Sample Description: Soil, 2BB-2-11-19.0
Laboratory Sample #: 97041324

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.
-Methylphenol	95-48-7	100	N.D.
-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 detectior

ORANGE COAST ANALYTICAL

.ark Noorani
Laboratory Director

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-29.0
Laboratory Sample #: 97041325
Laboratory Reference #: KJC 8976

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-29-97
Reported: 05-09-97

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.
nzo(k)fluoranthene	207-08-9	250	N.D.
enzo(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 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.
?.4-Dimethylphenol	105-67-9	100	N.D.
.methyl phthalate	131-11-3	100	N.D.
,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

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

Sample Description: Soil, 2BB-2-11-29.0
Laboratory Sample #: 97041325

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.
-Methylphenol	95-48-7	100	N.D.
-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

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Laboratory Director

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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-39.0
Laboratory Sample #: 97041326
Laboratory Reference #: KJC 8976

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-29-97
Reported: 05-09-97

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.
enzo(k)fluoranthene	207-08-9	250	N.D.
enzo(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 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.
,4-Dimethylphenol	105-67-9	100	N.D.
imethyl phthalate	131-11-3	100	N.D.
,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

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

Sample Description: Soil, 2BB-2-11-39.0
Laboratory Sample #: 97041326

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.
-Methylphenol	95-48-7	100	N.D.
-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.
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Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. Suite 100
Irvine, CA 92612

Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil, 2BB-2-11-49.0
Laboratory Sample #: 97041327
Laboratory Reference #: KJC 8976

Sampled : 04-24-97
Received: 04-24-97
Analyzed: 04-29-97
Reported: 05-09-97

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.
enzo(k)fluoranthene	207-08-9	250	N.D.
enzo(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 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.
imethyl phthalate	131-11-3	100	N.D.
,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

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

Sample Description: Soil, 2BB-2-11-49.0
Laboratory Sample #: 97041327

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.
-Methylphenol	95-48-7	100	N.D.
-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

ark Noorani
Laboratory Director

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QC DATA REPORT

Analysis : Volatile Organic Compounds (EPA 8010)

Date of Analysis : 04/25/97
Laboratory Sample No : 97041080
Laboratory Reference No : KJC 8976

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
1,1-Dichloroethane	0.0	5.0	4.9	4.7	98	94	4
Trichloroethene	0.0	5.0	5.0	4.8	100	96	4
Tetrachloroethene	0.0	5.0	5.1	4.9	102	98	4

Definition of Terms :

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

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 : PCB 'S (EPA 8080)

Date of Analysis : 05/02/97
Laboratory Sample No : 97041302
Laboratory Reference No : KJC 8976

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	190	160	76	64	17

Definition of Terms :

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

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

QC DATA REPORT

Analysis : Metals

Date of Analysis : 05/07/97
Laboratory Sample No : 97041320
Laboratory Reference No : KJC 8976

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	30.0	30.0	100	100	0
Arsenic	0.0	10.0	9.8	10.0	98	100	2
Barium	5.8	10.0	15.0	15.3	92	95	2
Beryllium	0.00	1.00	1.09	1.12	109	112	3
Cadmium	0.00	1.00	1.15	1.11	115	111	4
Chromium (Total)	3.4	5.0	9.2	9.0	116	112	2
Chromium (VI)	0.00	1.00	0.87	0.96	87	96	10
Cobalt	0.83	1.00	1.95	1.88	112	105	4
Copper	1.60	1.00	2.59	2.56	99	96	1
Lead	0.0	10.0	9.6	9.3	96	93	3
Mercury	0.000	0.020	0.019	0.021	95	105	10
Molybdenum	0.0	10.0	9.6	9.6	96	96	0
Nickel	2.00	5.00	7.30	7.20	106	104	1
Selenium	0.0	10.0	9.6	9.6	96	96	0
Silver	0.0	5.0	4.8	4.6	96	92	4
Thallium	0.0	30.0	27.0	28.0	90	93	4
Vanadium	3.4	5.0	9.2	8.9	116	110	3
Zinc	5.2	5.0	10.3	10.4	102	104	1

Definition of Terms :

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

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

Date of Analysis : 04/29/97
Laboratory Sample No : 97041270
Laboratory Reference No : KJC 8976

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	45	84	90	7
n-Nitroso-di-n-propylamine	0.0	50	38	52	76	104	31
1,2,4-Trichlorobenzene	0.0	50	42	45	84	90	7
Acenaphthene	0.0	50	46	49	92	98	6
Pyrene	0.0	50	41	44	82	88	7
Pentachlorophenol	0.0	100	82	80	82	80	2
4-Chloro-3-Methylphenol	0.0	100	67	68	67	68	1
2-Chlorophenol	0.0	100	82	85	82	85	4
Phenol	0.0	100	73	77	73	77	5

Definition of Terms :

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

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page _____

REQUIRED TAT: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	KENNEDY JENKS	PROJECT NAME:	DOUGLAS AIRCRAFT
SEND REPORT TO:	RUS PURELL	NUMBER:	974002.00
ADDRESS:	2151 MICHELSON #100 IRVINE CA 92612	LOCATION:	TORRANCE C6 FACILITY
		ADDRESS:	
PHONE: 714/261-1577	FAX: 261-2134	SAMPLED BY:	M. BACDORMAN

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	8270	8020	PCB'S	CAM METALS	6010					REMARKS/PRECAUTIONS
2BB-2-11-2.0	1	9/24/97	1414	SOIL	2 1/2"x6" BRASS	—	X	X	X							
2BB-2-11-5.0			1418				X	X	X							
2BB-2-11-9.0			1421				X	X	X							
2BB-2-11-19.0			1427				X	X	X							
2BB-2-11-29.0			1437				X	X	X							
2BB-2-11-39.0			1448				X	X	X							
2BB-2-11-49.0			1459				X	X	X							
EB-1-042497	2		1620	Water	VOA'S					X						
TB-1-042497	2		—							X						

Total No. of Samples: 7

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
M. Bellen	4/24/97 1609	[signature]	4-24-97 1609
[signature]	4-24-97		
		Received For Lab By:	Date/Time:
		[signature]	4/24/97 17:10

Reporting Format: (check)
NORMAL X 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-C6-0151127

Transmittal

Kennedy/Jenks Consultants
2151 Michelson Drive, Suite 100
Irvine, California 92612-1311
949-261-1577; 949-261-2134 (Fax)

TO: Beth Breitenbach
Haley and Aldrich
9040 Friars Road, Suite 220
San Diego, CA 92108

FROM: Jay Knight
DATE: 11 July 2001
K/J #: 004032.01
SUBJECT: Laboratory Report

VIA: ☒ Mail ☐ Overnight ☐ Courier ☐ Fax pgs. (inc. cover)

PLEASE FIND ENCLOSED:

Copies	Date	No.	Description
1	9/18/00		Orange Coast Analytical Report No. KJC 11691

THESE ARE SUBMITTED AS CHECKED BELOW:

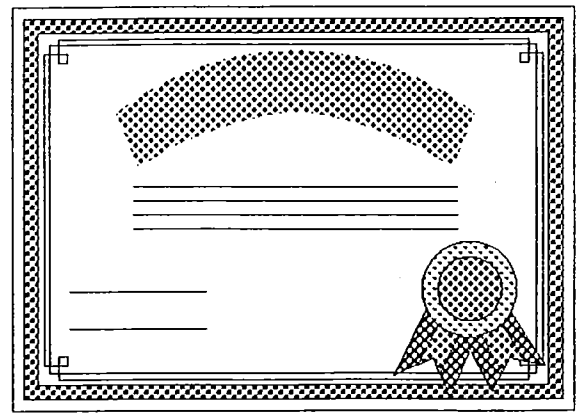
- ☒ As requested
- ☐ For information and coordination
- ☐ Return material when review complete
- ☐ Return after loan to us
- ☐ For approval by: Return to:
- ☐ For review and comment by: Return to:
- ☐ Other: _____

REMARKS:

Copies to: GC

Signed: _____
Jay Knight

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 (480) 736-0960 Fax (480) 736-0970



ORANGE COAST ANALYTICAL THANKS YOU FOR YOUR BUSINESS

THE FOLLOWING PAGES ARE THE ANALYSIS REPORT

ON THE SAMPLES YOU REQUESTED.

IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT

PLEASE FEEL FREE TO CONTACT US.

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 (480) 736-0960 Fax (480) 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: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Kennedy Jenks Consultants

Project No.: 004026.00

Project Name: Boeing C-6

Laboratory Reference: KJC 11691

Analytical Method: 8015 CCID, 8260, 8270, Metals, Cr. VI, pH, PCB

Date Sampled: 08/30/00
Date Received: 08/30/00
Date Reported: 09/18/00

Sample Matrix: Soil, Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

Analysis Method: 8015m

Sample Description: Soil

Laboratory Reference #: KJC 11691

Sampled: 08/30/00
Received: 08/30/00
Analyzed 09/01/00
Reported: 09/18/00

Client Sample #:	Method Blank	C-1-33-1	C-1-33-5	C-1-33-10	C-1-37-1	C-1-38-1	C-1-38-5
Lab Sample #:	MB08	00080477	00080478	00080479	00080489	00080490	00080491
Reporting Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Up to & Including C-12	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
C13-22	N.D.	7.9	N.D.	N.D.	15	N.D.	N.D.
C23 & Higher	N.D.	23	N.D.	N.D.	68	N.D.	N.D.
Total	N.D.	31	N.D.	N.D.	83	N.D.	N.D.
Detection Limit	8.0	8.0	8.0	8.0	8.0	8.0	8.0

INT m.n.

Orange Coast Analytical, Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

Analysis Method: 8015m

Sample Description: Soil

Laboratory Reference #: KJC 11691

Sampled: 08/30/00
Received: 08/30/00
Analyzed 09/01/00
Reported: 09/18/00

Client Sample #:	C-1-38-10	C-1-39-1	C-1-39-5	C-1-39-10	C-1-39-15	C-1-39-20
Lab Sample #:	00080492	00080493	00080494	00080495	00080496	00080497
Reporting Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Up to & Including C-12	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
C13-22	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
C23 & Higher	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Detection Limit	8.0	8.0	8.0	8.0	8.0	8.0

INT m.n.

Orange Coast Analytical, Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	---	08/30/00	08/30/00	08/30/00
Received:	---	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	MB	00080473	00080474	00080475
Client Sample I.D.	---	C-1-30-1	C-1-30-5	C-1-30-10

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS* µg/kg	µg/kg	µg/kg	µg/kg
Benzene	71-43-2	2.5	<2.5	<2.5	<2.5	<2.5
Bromodichloromethane	75-27-4	2.5	<2.5	<2.5	<2.5	<2.5
Bromoform	75-25-2	2.5	<2.5	<2.5	<2.5	<2.5
Bromomethane	74-83-9	2.5	<2.5	<2.5	<2.5	<2.5
Carbon Disulfide	75-15-0	5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	2.5	<2.5	<2.5	<2.5	<2.5
Chlorobenzene	108-90-7	2.5	<2.5	<2.5	<2.5	<2.5
Chlorodibromomethane	124-48-1	2.5	<2.5	<2.5	<2.5	<2.5
Chloroethane	75-00-3	2.5	<2.5	<2.5	<2.5	<2.5
2-Chloroethyl vinyl ether	110-75-8	5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	74-87-3	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethane	75-34-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloroethane	107-06-2	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethene	75-35-4	2.5	<2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethene	156-60-5	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloropropane	78-87-5	2.5	<2.5	<2.5	<2.5	<2.5
cis-1,3-Dichloropropene	10061-01-5	2.5	<2.5	<2.5	<2.5	<2.5
trans-1,3-Dichloropropene	10061-02-6	2.5	<2.5	<2.5	<2.5	<2.5
Ethylbenzene	100-41-4	2.5	<2.5	<2.5	<2.5	<2.5
Methylene chloride	75-09-2	5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100-42-5	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5	<2.5
Tetrachloroethene	127-18-4	2.5	<2.5	<2.5	<2.5	<2.5
Toluene	108-88-3	2.5	<2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	71-55-6	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2-Trichloroethane	79-00-5	2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	79-01-6	2.5	<2.5	24	<2.5	<2.5
Trichlorofluoromethane	75-69-4	5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	108-05-4	5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	75-01-4	2.5	<2.5	<2.5	<2.5	<2.5
Total Xylenes	1330-20-7	2.5	<2.5	<2.5	<2.5	<2.5
Dichlorodifluoromethane	75-71-8	2.5	<2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	156-59-2	2.5	<2.5	<2.5	<2.5	<2.5
2,2-Dichloropropane	594-20-7	2.5	<2.5	<2.5	<2.5	<2.5

INT M.M.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	---	08/30/00	08/30/00	08/30/00
Received:	---	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	MB	00080473	00080474	00080475
Client Sample I.D.	---	C-1-30-1	C-1-30-5	C-1-30-10

ANALYTE (CONT)	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS***			
			µg/kg	***µg/kg***	***µg/kg***	***µg/kg***
Bromochloromethane	74-97-5	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloropropene	563-58-6	2.5	<2.5	<2.5	<2.5	<2.5
Dibromomethane	74-95-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane	106-93-4	2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichloropropane	142-28-9	2.5	<2.5	<2.5	<2.5	<2.5
Isopropylbenzene	98-82-8	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichloropropane	96-18-4	2.5	<2.5	<2.5	<2.5	<2.5
Bromobenzene	108-86-1	2.5	<2.5	<2.5	<2.5	<2.5
n-Propylbenzene	103-65-1	2.5	<2.5	<2.5	<2.5	<2.5
2-Chlorotoluene	95-49-8	2.5	<2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	108-67-8	2.5	<2.5	<2.5	<2.5	<2.5
4-Chlorotoluene	106-43-4	2.5	<2.5	<2.5	<2.5	<2.5
tert-Butylbenzene	98-06-6	2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	95-63-6	2.5	<2.5	<2.5	<2.5	<2.5
sec-Butylbenzene	135-98-8	2.5	<2.5	<2.5	<2.5	<2.5
4-Isopropyltoluene	99-87-6	2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	541-73-1	2.5	<2.5	<2.5	<2.5	<2.5
1,4-Dichlorobenzene	106-46-7	2.5	<2.5	<2.5	<2.5	<2.5
n-Butylbenzene	104-51-8	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichlorobenzene	95-50-1	2.5	<2.5	<2.5	<2.5	<2.5
1-2-Dibromo-3-CPA	96-12-8	5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	2.5	<2.5	<2.5	<2.5	<2.5
Hexachlorobutadiene	87-68-3	2.5	<2.5	<2.5	<2.5	<2.5
Naphthalene	91-20-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	87-61-6	2.5	<2.5	<2.5	<2.5	<2.5
MTBE	1634-04-4	5.0	<5.0	<5.0	<5.0	<5.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC	%RC	%RC
Dibromofluoromethane	77	79	80	79
Toluene-d8	80	81	81	81
4-Bromofluorobenzene	98	94	97	98

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080476	00080477	00080478	00080479
Client Sample I.D.	C-1-32-4	C-1-33-1	C-1-33-5	C-1-33-10

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
Benzene	71-43-2	2.5	<2.5	<2.5	<2.5	<2.5
Bromodichloromethane	75-27-4	2.5	<2.5	<2.5	<2.5	<2.5
Bromoform	75-25-2	2.5	<2.5	<2.5	<2.5	<2.5
Bromomethane	74-83-9	2.5	<2.5	<2.5	<2.5	<2.5
Carbon Disulfide	75-15-0	5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	2.5	<2.5	<2.5	<2.5	<2.5
Chlorobenzene	108-90-7	2.5	<2.5	<2.5	<2.5	<2.5
Chlorodibromomethane	124-48-1	2.5	<2.5	<2.5	<2.5	<2.5
Chloroethane	75-00-3	2.5	<2.5	<2.5	<2.5	<2.5
2-Chloroethyl vinyl ether	110-75-8	5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	74-87-3	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethane	75-34-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloroethane	107-06-2	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethene	75-35-4	2.5	<2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethene	156-60-5	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloropropane	78-87-5	2.5	<2.5	<2.5	<2.5	<2.5
cis-1,3-Dichloropropene	10061-01-5	2.5	<2.5	<2.5	<2.5	<2.5
trans-1,3-Dichloropropene	10061-02-6	2.5	<2.5	<2.5	<2.5	<2.5
Ethylbenzene	100-41-4	2.5	<2.5	<2.5	<2.5	<2.5
Methylene chloride	75-09-2	5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100-42-5	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5	<2.5
Tetrachloroethene	127-18-4	2.5	7.5	<2.5	<2.5	<2.5
Toluene	108-88-3	2.5	<2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	71-55-6	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2-Trichloroethane	79-00-5	2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	79-01-6	2.5	13	5.2	<2.5	<2.5
Trichlorofluoromethane	75-69-4	5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	108-05-4	5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	75-01-4	2.5	<2.5	<2.5	<2.5	<2.5
Total Xylenes	1330-20-7	2.5	<2.5	<2.5	<2.5	<2.5
Dichlorodifluoromethane	75-71-8	2.5	<2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	156-59-2	2.5	<2.5	<2.5	<2.5	<2.5
2,2-Dichloropropane	594-20-7	2.5	<2.5	<2.5	<2.5	<2.5

INT M.M.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080476	00080477	00080478	00080479
Client Sample I.D.	C-1-32-4	C-1-33-1	C-1-33-5	C-1-33-10

ANALYTE (CONT)	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS***			
			µg/kg	***µg/kg***	***µg/kg***	***µg/kg***
Bromochloromethane	74-97-5	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloropropene	563-58-6	2.5	<2.5	<2.5	<2.5	<2.5
Dibromomethane	74-95-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane	106-93-4	2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichloropropane	142-28-9	2.5	<2.5	<2.5	<2.5	<2.5
Isopropylbenzene	98-82-8	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichloropropane	96-18-4	2.5	<2.5	<2.5	<2.5	<2.5
Bromobenzene	108-86-1	2.5	<2.5	<2.5	<2.5	<2.5
n-Propylbenzene	103-65-1	2.5	<2.5	<2.5	<2.5	<2.5
2-Chlorotoluene	95-49-8	2.5	<2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	108-67-8	2.5	<2.5	<2.5	<2.5	<2.5
4-Chlorotoluene	106-43-4	2.5	<2.5	<2.5	<2.5	<2.5
tert-Butylbenzene	98-06-6	2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	95-63-6	2.5	<2.5	<2.5	<2.5	<2.5
sec-Butylbenzene	135-98-8	2.5	<2.5	<2.5	<2.5	<2.5
4-Isopropyltoluene	99-87-6	2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	541-73-1	2.5	<2.5	<2.5	<2.5	<2.5
1,4-Dichlorobenzene	106-46-7	2.5	<2.5	<2.5	<2.5	<2.5
n-Butylbenzene	104-51-8	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichlorobenzene	95-50-1	2.5	<2.5	<2.5	<2.5	<2.5
1-2-Dibromo-3-CPA	96-12-8	5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	2.5	<2.5	<2.5	<2.5	<2.5
Hexachlorobutadiene	87-68-3	2.5	<2.5	<2.5	<2.5	<2.5
Naphthalene	91-20-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	87-61-6	2.5	<2.5	<2.5	<2.5	<2.5
MTBE	1634-04-4	5.0	<5.0	<5.0	<5.0	<5.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC	%RC	%RC
Dibromofluoromethane	81	77	79	75
Toluene-d8	83	83	83	86
4-Bromofluorobenzene	93	98	98	96

INT m.n.

Orange Coast Analytical, Inc

.ennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080480	00080481	00080482
Client Sample I.D.	C-1-34-5	C-1-35-1	C-1-35-5

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*	*µg/kg*
Benzene	71-43-2	2.5	<2.5	<2.5	<2.5
Bromodichloromethane	75-27-4	2.5	<2.5	<2.5	<2.5
Bromoform	75-25-2	2.5	<2.5	<2.5	<2.5
Bromomethane	74-83-9	2.5	<2.5	<2.5	<2.5
Carbon Disulfide	75-15-0	5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	2.5	<2.5	<2.5	<2.5
Chlorobenzene	108-90-7	2.5	<2.5	<2.5	<2.5
Chlorodibromomethane	124-48-1	2.5	<2.5	<2.5	<2.5
:hloroethane	75-00-3	2.5	<2.5	<2.5	<2.5
2-Chloroethyl vinyl ether	110-75-8	5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	2.5	<2.5	<2.5	<2.5
Chloromethane	74-87-3	2.5	<2.5	<2.5	<2.5
1,1-Dichloroethane	75-34-3	2.5	<2.5	<2.5	<2.5
1,2-Dichloroethane	107-06-2	2.5	<2.5	<2.5	<2.5
1,1-Dichloroethene	75-35-4	2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethene	156-60-5	2.5	<2.5	<2.5	<2.5
1,2-Dichloropropane	78-87-5	2.5	<2.5	<2.5	<2.5
cis-1,3-Dichloropropene	10061-01-5	2.5	<2.5	<2.5	<2.5
trans-1,3-Dichloropropene	10061-02-6	2.5	<2.5	<2.5	<2.5
Ethylbenzene	100-41-4	2.5	<2.5	<2.5	<2.5
Methylene chloride	75-09-2	5.0	<5.0	<5.0	<5.0
Styrene	100-42-5	2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5
Tetrachloroethene	127-18-4	2.5	<2.5	<2.5	<2.5
Toluene	108-88-3	2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	71-55-6	2.5	<2.5	<2.5	<2.5
1,1,2-Trichloroethane	79-00-5	2.5	<2.5	<2.5	<2.5
Trichloroethene	79-01-6	2.5	<2.5	<2.5	<2.5
Trichlorofluoromethane	75-69-4	5.0	<5.0	<5.0	<5.0
Vinyl acetate	108-05-4	5.0	<5.0	<5.0	<5.0
Vinyl chloride	75-01-4	2.5	<2.5	<2.5	<2.5
Total Xylenes	1330-20-7	2.5	<2.5	<2.5	<2.5
Dichlorodifluoromethane	75-71-8	2.5	<2.5	<2.5	<2.5
.is-1,2-Dichloroethene	156-59-2	2.5	<2.5	<2.5	<2.5
2,2-Dichloropropane	594-20-7	2.5	<2.5	<2.5	<2.5

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080480	00080481	00080482
Client Sample I.D.	C-1-34-5	C-1-35-1	C-1-35-5

ANALYTE (CONT)	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*	*µg/kg*
Bromochloromethane	74-97-5	2.5	<2.5	<2.5	<2.5
1,1-Dichloropropene	563-58-6	2.5	<2.5	<2.5	<2.5
Dibromomethane	74-95-3	2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane	106-93-4	2.5	<2.5	<2.5	<2.5
1,3-Dichloropropane	142-28-9	2.5	<2.5	<2.5	<2.5
Isopropylbenzene	98-82-8	2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5
1,2,3-Trichloropropane	96-18-4	2.5	<2.5	<2.5	<2.5
Bromobenzene	108-86-1	2.5	<2.5	<2.5	<2.5
n-Propylbenzene	103-65-1	2.5	<2.5	<2.5	<2.5
2-Chlorotoluene	95-49-8	2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	108-67-8	2.5	<2.5	<2.5	<2.5
4-Chlorotoluene	106-43-4	2.5	<2.5	<2.5	<2.5
tert-Butylbenzene	98-06-6	2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	95-63-6	2.5	<2.5	<2.5	<2.5
sec-Butylbenzene	135-98-8	2.5	<2.5	<2.5	<2.5
4-Isopropyltoluene	99-87-6	2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	541-73-1	2.5	<2.5	<2.5	<2.5
1,4-Dichlorobenzene	106-46-7	2.5	<2.5	<2.5	<2.5
n-Butylbenzene	104-51-8	2.5	<2.5	<2.5	<2.5
1,2-Dichlorobenzene	95-50-1	2.5	<2.5	<2.5	<2.5
1-2-Dibromo-3-CPA	96-12-8	5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	2.5	<2.5	<2.5	<2.5
Hexachlorobutadiene	87-68-3	2.5	<2.5	<2.5	<2.5
Naphthalene	91-20-3	2.5	<2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	87-61-6	2.5	<2.5	<2.5	<2.5
MTBE	1634-04-4	5.0	<5.0	<5.0	<5.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC	%RC
Dibromofluoromethane	80	81	85
Toluene-d8	86	84	83
4-Bromofluorobenzene	95	100	98

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080484	00080485	00080486	00080487
Client Sample I.D.	C-1-36-1	C-1-36-5	C-1-36-10	C-1-36-15

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
Benzene	71-43-2	2.5	<2.5	<2.5	<2.5	<2.5
Bromodichloromethane	75-27-4	2.5	<2.5	<2.5	<2.5	<2.5
Bromoform	75-25-2	2.5	<2.5	<2.5	<2.5	<2.5
Bromomethane	74-83-9	2.5	<2.5	<2.5	<2.5	<2.5
Carbon Disulfide	75-15-0	5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	2.5	<2.5	<2.5	<2.5	<2.5
Chlorobenzene	108-90-7	2.5	<2.5	<2.5	<2.5	<2.5
Chlorodibromomethane	124-48-1	2.5	<2.5	<2.5	<2.5	<2.5
Chloroethane	75-00-3	2.5	<2.5	<2.5	<2.5	<2.5
2-Chloroethyl vinyl ether	110-75-8	5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	74-87-3	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethane	75-34-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloroethane	107-06-2	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethene	75-35-4	2.5	<2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethene	156-60-5	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloropropane	78-87-5	2.5	<2.5	<2.5	<2.5	<2.5
cis-1,3-Dichloropropene	10061-01-5	2.5	<2.5	<2.5	<2.5	<2.5
trans-1,3-Dichloropropene	10061-02-6	2.5	<2.5	<2.5	<2.5	<2.5
Ethylbenzene	100-41-4	2.5	<2.5	<2.5	<2.5	<2.5
Methylene chloride	75-09-2	5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100-42-5	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5	<2.5
Tetrachloroethene	127-18-4	2.5	<2.5	<2.5	<2.5	<2.5
Toluene	108-88-3	2.5	<2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	71-55-6	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2-Trichloroethane	79-00-5	2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	79-01-6	2.5	<2.5	3.4	<2.5	<2.5
Trichlorofluoromethane	75-69-4	5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	108-05-4	5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	75-01-4	2.5	<2.5	<2.5	<2.5	<2.5
Total Xylenes	1330-20-7	2.5	<2.5	<2.5	<2.5	<2.5
Dichlorodifluoromethane	75-71-8	2.5	<2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	156-59-2	2.5	<2.5	<2.5	<2.5	<2.5
2,2-Dichloropropane	594-20-7	2.5	<2.5	<2.5	<2.5	<2.5

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080484	00080485	00080486	00080487
Client Sample I.D.	C-1-36-1	C-1-36-5	C-1-36-10	C-1-36-15

ANALYTE (CONT)	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS***			
			µg/kg	***µg/kg***	***µg/kg***	***µg/kg***
Bromochloromethane	74-97-5	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloropropene	563-58-6	2.5	<2.5	<2.5	<2.5	<2.5
Dibromomethane	74-95-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane	106-93-4	2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichloropropane	142-28-9	2.5	<2.5	<2.5	<2.5	<2.5
Isopropylbenzene	98-82-8	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichloropropane	96-18-4	2.5	<2.5	<2.5	<2.5	<2.5
Bromobenzene	108-86-1	2.5	<2.5	<2.5	<2.5	<2.5
n-Propylbenzene	103-65-1	2.5	<2.5	<2.5	<2.5	<2.5
2-Chlorotoluene	95-49-8	2.5	<2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	108-67-8	2.5	<2.5	<2.5	<2.5	<2.5
4-Chlorotoluene	106-43-4	2.5	<2.5	<2.5	<2.5	<2.5
tert-Butylbenzene	98-06-6	2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	95-63-6	2.5	<2.5	<2.5	<2.5	<2.5
sec-Butylbenzene	135-98-8	2.5	<2.5	<2.5	<2.5	<2.5
4-Isopropyltoluene	99-87-6	2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	541-73-1	2.5	<2.5	<2.5	<2.5	<2.5
1,4-Dichlorobenzene	106-46-7	2.5	<2.5	<2.5	<2.5	<2.5
n-Butylbenzene	104-51-8	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichlorobenzene	95-50-1	2.5	<2.5	<2.5	<2.5	<2.5
1-2-Dibromo-3-CPA	96-12-8	5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	2.5	<2.5	<2.5	<2.5	<2.5
Hexachlorobutadiene	87-68-3	2.5	<2.5	<2.5	<2.5	<2.5
Naphthalene	91-20-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	87-61-6	2.5	<2.5	<2.5	<2.5	<2.5
MTBE	1634-04-4	5.0	<5.0	<5.0	<5.0	<5.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC	%RC	%RC
Dibromofluoromethane	79	79	79	80
Toluene-d8	85	85	84	83
4-Bromofluorobenzene	98	94	97	99

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080488	00080490	00080491
Client Sample I.D.	C-1-36-20	C-1-38-1	C-1-38-5

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*	*µg/kg*
Benzene	71-43-2	2.5	<2.5	<2.5	<2.5
Bromodichloromethane	75-27-4	2.5	<2.5	<2.5	<2.5
Bromoform	75-25-2	2.5	<2.5	<2.5	<2.5
Bromomethane	74-83-9	2.5	<2.5	<2.5	<2.5
Carbon Disulfide	75-15-0	5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	2.5	<2.5	<2.5	<2.5
Chlorobenzene	108-90-7	2.5	<2.5	<2.5	<2.5
Chlorodibromomethane	124-48-1	2.5	<2.5	<2.5	<2.5
Chloroethane	75-00-3	2.5	<2.5	<2.5	<2.5
2-Chloroethyl vinyl ether	110-75-8	5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	2.5	<2.5	<2.5	<2.5
Chloromethane	74-87-3	2.5	<2.5	<2.5	<2.5
1,1-Dichloroethane	75-34-3	2.5	<2.5	<2.5	<2.5
1,2-Dichloroethane	107-06-2	2.5	<2.5	<2.5	<2.5
1,1-Dichloroethene	75-35-4	2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethene	156-60-5	2.5	<2.5	<2.5	<2.5
1,2-Dichloropropane	78-87-5	2.5	<2.5	<2.5	<2.5
cis-1,3-Dichloropropene	10061-01-5	2.5	<2.5	<2.5	<2.5
trans-1,3-Dichloropropene	10061-02-6	2.5	<2.5	<2.5	<2.5
Ethylbenzene	100-41-4	2.5	<2.5	<2.5	<2.5
Methylene chloride	75-09-2	5.0	<5.0	<5.0	<5.0
Styrene	100-42-5	2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5
Tetrachloroethene	127-18-4	2.5	<2.5	<2.5	<2.5
Toluene	108-88-3	2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	71-55-6	2.5	<2.5	<2.5	<2.5
1,1,2-Trichloroethane	79-00-5	2.5	<2.5	<2.5	<2.5
Trichloroethene	79-01-6	2.5	<2.5	<2.5	<2.5
Trichlorofluoromethane	75-69-4	5.0	<5.0	<5.0	<5.0
Vinyl acetate	108-05-4	5.0	<5.0	<5.0	<5.0
Vinyl chloride	75-01-4	2.5	<2.5	<2.5	<2.5
Total Xylenes	1330-20-7	2.5	<2.5	<2.5	<2.5
Dichlorodifluoromethane	75-71-8	2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	156-59-2	2.5	<2.5	<2.5	<2.5
2,2-Dichloropropane	594-20-7	2.5	<2.5	<2.5	<2.5

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080488	00080490	00080491
Client Sample I.D.	C-1-36-20	C-1-38-1	C-1-38-5

ANALYTE (CONT)	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*	*µg/kg*
Bromochloromethane	74-97-5	2.5	<2.5	<2.5	<2.5
1,1-Dichloropropene	563-58-6	2.5	<2.5	<2.5	<2.5
Dibromomethane	74-95-3	2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane	106-93-4	2.5	<2.5	<2.5	<2.5
1,3-Dichloropropane	142-28-9	2.5	<2.5	<2.5	<2.5
Isopropylbenzene	98-82-8	2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5
1,2,3-Trichloropropane	96-18-4	2.5	<2.5	<2.5	<2.5
Bromobenzene	108-86-1	2.5	<2.5	<2.5	<2.5
n-Propylbenzene	103-65-1	2.5	<2.5	<2.5	<2.5
2-Chlorotoluene	95-49-8	2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	108-67-8	2.5	<2.5	<2.5	<2.5
4-Chlorotoluene	106-43-4	2.5	<2.5	<2.5	<2.5
tert-Butylbenzene	98-06-6	2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	95-63-6	2.5	<2.5	<2.5	<2.5
sec-Butylbenzene	135-98-8	2.5	<2.5	<2.5	<2.5
4-Isopropyltoluene	99-87-6	2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	541-73-1	2.5	<2.5	<2.5	<2.5
1,4-Dichlorobenzene	106-46-7	2.5	<2.5	<2.5	<2.5
n-Butylbenzene	104-51-8	2.5	<2.5	<2.5	<2.5
1,2-Dichlorobenzene	95-50-1	2.5	<2.5	<2.5	<2.5
1-2-Dibromo-3-CPA	96-12-8	5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	2.5	<2.5	<2.5	<2.5
Hexachlorobutadiene	87-68-3	2.5	<2.5	<2.5	<2.5
Naphthalene	91-20-3	2.5	<2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	87-61-6	2.5	<2.5	<2.5	<2.5
MTBE	1634-04-4	5.0	<5.0	<5.0	<5.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC	%RC
Dibromofluoromethane	78	78	80
Toluene-d8	85	84	82
4-Bromofluorobenzene	100	96	98

INT m.m

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080492	00080493	00080494	00080495
Client Sample I.D.	C-1-38-10	C-1-39-1	C-1-39-5	C-1-39-10

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS***			
			µg/kg	***µg/kg***	***µg/kg***	***µg/kg***
Benzene	71-43-2	2.5	<2.5	<2.5	<2.5	<2,5
Bromodichloromethane	75-27-4	2.5	<2.5	<2.5	<2.5	<2.5
Bromoform	75-25-2	2.5	<2.5	<2.5	<2.5	<2.5
Bromomethane	74-83-9	2.5	<2.5	<2.5	<2.5	<2.5
Carbon Disulfide	75-15-0	5.0	<5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	2.5	<2.5	<2.5	<2.5	<2.5
Chlorobenzene	108-90-7	2.5	<2.5	<2.5	<2.5	<2.5
Chlorodibromomethane	124-48-1	2.5	<2.5	<2.5	<2.5	<2.5
Chloroethane	75-00-3	2.5	<2.5	<2.5	<2.5	<2.5
2-Chloroethyl vinyl ether	110-75-8	5.0	<5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	2.5	<2.5	<2.5	<2.5	<2.5
Chloromethane	74-87-3	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethane	75-34-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloroethane	107-06-2	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloroethene	75-35-4	2.5	<2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethene	156-60-5	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichloropropane	78-87-5	2.5	<2.5	<2.5	<2.5	<2.5
cis-1,3-Dichloropropene	10061-01-5	2.5	<2.5	<2.5	<2.5	<2.5
trans-1,3-Dichloropropene	10061-02-6	2.5	<2.5	<2.5	<2.5	<2.5
Ethylbenzene	100-41-4	2.5	<2.5	<2.5	<2.5	<2.5
Methylene chloride	75-09-2	5.0	<5.0	<5.0	<5.0	<5.0
Styrene	100-42-5	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5	<2.5
Tetrachloroethene	127-18-4	2.5	<2.5	<2.5	<2.5	<2.5
Toluene	108-88-3	2.5	<2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	71-55-6	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2-Trichloroethane	79-00-5	2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	79-01-6	2.5	<2.5	<2.5	<2.5	<2.5
Trichlorofluoromethane	75-69-4	5.0	<5.0	<5.0	<5.0	<5.0
Vinyl acetate	108-05-4	5.0	<5.0	<5.0	<5.0	<5.0
Vinyl chloride	75-01-4	2.5	<2.5	<2.5	<2.5	<2.5
Total Xylenes	1330-20-7	2.5	<2.5	<2.5	<2.5	<2.5
Dichlorodifluoromethane	75-71-8	2.5	<2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	156-59-2	2.5	<2.5	<2.5	<2.5	<2.5
2,2-Dichloropropane	594-20-7	2.5	<2.5	<2.5	<2.5	<2.5

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080492	00080493	00080494	00080495
Client Sample I.D.	C-1-38-10	C-1-39-1	C-1-39-5	C-1-39-10

ANALYTE (CONT)	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***	***µg/kg***	***µg/kg***	***µg/kg***
Bromochloromethane	74-97-5	2.5	<2.5	<2.5	<2.5	<2.5
1,1-Dichloropropene	563-58-6	2.5	<2.5	<2.5	<2.5	<2.5
Dibromomethane	74-95-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane	106-93-4	2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichloropropane	142-28-9	2.5	<2.5	<2.5	<2.5	<2.5
Isopropylbenzene	98-82-8	2.5	<2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichloropropane	96-18-4	2.5	<2.5	<2.5	<2.5	<2.5
Bromobenzene	108-86-1	2.5	<2.5	<2.5	<2.5	<2.5
ı-Propylbenzene	103-65-1	2.5	<2.5	<2.5	<2.5	<2.5
2-Chlorotoluene	95-49-8	2.5	<2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	108-67-8	2.5	<2.5	<2.5	<2.5	<2.5
4-Chlorotoluene	106-43-4	2.5	<2.5	<2.5	<2.5	<2.5
tert-Butylbenzene	98-06-6	2.5	<2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	95-63-6	2.5	<2.5	<2.5	<2.5	<2.5
sec-Butylbenzene	135-98-8	2.5	<2.5	<2.5	<2.5	<2.5
4-Isopropyltoluene	99-87-6	2.5	<2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	541-73-1	2.5	<2.5	<2.5	<2.5	<2.5
1,4-Dichlorobenzene	106-46-7	2.5	<2.5	<2.5	<2.5	<2.5
n-Butylbenzene	104-51-8	2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dichlorobenzene	95-50-1	2.5	<2.5	<2.5	<2.5	<2.5
1-2-Dibromo-3-CPA	96-12-8	5.0	<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	2.5	<2.5	<2.5	<2.5	<2.5
Hexachlorobutadiene	87-68-3	2.5	<2.5	<2.5	<2.5	<2.5
Naphthalene	91-20-3	2.5	<2.5	<2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	87-61-6	2.5	<2.5	<2.5	<2.5	<2.5
MTBE	1634-04-4	5.0	<5.0	<5.0	<5.0	<5.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC	%RC	%RC
Dibromofluoromethane	80	77	80	80
Toluene-d8	82	82	84	84
4-Bromofluorobenzene	101	101	98	97

INT m.n

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00
Received:	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00
Reported:	09/18/00	09/18/00
Lab Sample I.D.	00080496	00080497
Client Sample I.D.	C-1-39-15	C-1-39-20

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***	***µg/kg***
Benzene	71-43-2	2.5	<2.5	<2.5
Bromodichloromethane	75-27-4	2.5	<2.5	<2.5
Bromoform	75-25-2	2.5	<2.5	<2.5
Bromomethane	74-83-9	2.5	<2.5	<2.5
Carbon Disulfide	75-15-0	5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	2.5	<2.5	<2.5
Chlorobenzene	108-90-7	2.5	<2.5	<2.5
Chlorodibromomethane	124-48-1	2.5	<2.5	<2.5
Chloroethane	75-00-3	2.5	<2.5	<2.5
2-Chloroethyl vinyl ether	110-75-8	5.0	<5.0	<5.0
Chloroform	67-66-3	2.5	<2.5	<2.5
Chloromethane	74-87-3	2.5	<2.5	<2.5
1,1-Dichloroethane	75-34-3	2.5	<2.5	<2.5
1,2-Dichloroethane	107-06-2	2.5	<2.5	<2.5
1,1-Dichloroethene	75-35-4	2.5	<2.5	<2.5
trans-1,2-Dichloroethene	156-60-5	2.5	<2.5	<2.5
1,2-Dichloropropane	78-87-5	2.5	<2.5	<2.5
cis-1,3-Dichloropropene	10061-01-5	2.5	<2.5	<2.5
trans-1,3-Dichloropropene	10061-02-6	2.5	<2.5	<2.5
Ethylbenzene	100-41-4	2.5	<2.5	<2.5
Methylene chloride	75-09-2	5.0	<5.0	<5.0
Styrene	100-42-5	2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5
Tetrachloroethene	127-18-4	2.5	<2.5	<2.5
Toluene	108-88-3	2.5	<2.5	<2.5
1,1,1-Trichloroethane	71-55-6	2.5	<2.5	<2.5
1,1,2-Trichloroethane	79-00-5	2.5	<2.5	<2.5
Trichloroethene	79-01-6	2.5	<2.5	<2.5
Trichlorofluoromethane	75-69-4	5.0	<5.0	<5.0
Vinyl acetate	108-05-4	5.0	<5.0	<5.0
Vinyl chloride	75-01-4	2.5	<2.5	<2.5
Total Xylenes	1330-20-7	2.5	<2.5	<2.5
Dichlorodifluoromethane	75-71-8	2.5	<2.5	<2.5
cis-1,2-Dichloroethene	156-59-2	2.5	<2.5	<2.5
2,2-Dichloropropane	594-20-7	2.5	<2.5	<2.5

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00
Received:	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00
Reported:	09/18/00	09/18/00
Lab Sample I.D.	00080496	00080497
Client Sample I.D.	C-1-39-15	C-1-39-20

ANALYTE (CONT)	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*
Bromochloromethane	74-97-5	2.5	<2.5	<2.5
1,1-Dichloropropene	563-58-6	2.5	<2.5	<2.5
Dibromomethane	74-95-3	2.5	<2.5	<2.5
1,2-Dibromoethane	106-93-4	2.5	<2.5	<2.5
1,3-Dichloropropane	142-28-9	2.5	<2.5	<2.5
Isopropylbenzene	98-82-8	2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5
1,2,3-Trichloropropane	96-18-4	2.5	<2.5	<2.5
Bromobenzene	108-86-1	2.5	<2.5	<2.5
n-Propylbenzene	103-65-1	2.5	<2.5	<2.5
2-Chlorotoluene	95-49-8	2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	108-67-8	2.5	<2.5	<2.5
4-Chlorotoluene	106-43-4	2.5	<2.5	<2.5
tert-Butylbenzene	98-06-6	2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	95-63-6	2.5	<2.5	<2.5
sec-Butylbenzene	135-98-8	2.5	<2.5	<2.5
4-Isopropyltoluene	99-87-6	2.5	<2.5	<2.5
1,3-Dichlorobenzene	541-73-1	2.5	<2.5	<2.5
1,4-Dichlorobenzene	106-46-7	2.5	<2.5	<2.5
n-Butylbenzene	104-51-8	2.5	<2.5	<2.5
1,2-Dichlorobenzene	95-50-1	2.5	<2.5	<2.5
1-2-Dibromo-3-CPA	96-12-8	5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	2.5	<2.5	<2.5
Hexachlorobutadiene	87-68-3	2.5	<2.5	<2.5
Naphthalene	91-20-3	2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	87-61-6	2.5	<2.5	<2.5
MTBE	1634-04-4	5.0	<5.0	<5.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC
Dibromofluoromethane	80	82
Toluene-d8	83	84
4-Bromofluorobenzene	103	101

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080498	00080499	00080500
Client Sample I.D.	C-1-42-1	C-1-42-5	C-1-42-10

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS***		
			µg/kg	***µg/kg***	***µg/kg***
Benzene	71-43-2	2.5	<2.5	<2.5	<2.5
Bromodichloromethane	75-27-4	2.5	<2.5	<2.5	<2.5
Bromoform	75-25-2	2.5	<2.5	<2.5	<2.5
Bromomethane	74-83-9	2.5	<2.5	<2.5	<2.5
Carbon Disulfide	75-15-0	5.0	<5.0	<5.0	<5.0
Carbon tetrachloride	56-23-5	2.5	<2.5	<2.5	<2.5
Chlorobenzene	108-90-7	2.5	<2.5	<2.5	<2.5
Chlorodibromomethane	124-48-1	2.5	<2.5	<2.5	<2.5
Chloroethane	75-00-3	2.5	<2.5	<2.5	<2.5
2-Chloroethyl vinyl ether	110-75-8	5.0	<5.0	<5.0	<5.0
Chloroform	67-66-3	2.5	<2.5	<2.5	<2.5
Chloromethane	74-87-3	2.5	<2.5	<2.5	<2.5
1,1-Dichloroethane	75-34-3	2.5	<2.5	<2.5	<2.5
1,2-Dichloroethane	107-06-2	2.5	<2.5	<2.5	<2.5
1,1-Dichloroethene	75-35-4	2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethene	156-60-5	2.5	<2.5	<2.5	<2.5
1,2-Dichloropropane	78-87-5	2.5	<2.5	<2.5	<2.5
cis-1,3-Dichloropropene	10061-01-5	2.5	<2.5	<2.5	<2.5
trans-1,3-Dichloropropene	10061-02-6	2.5	<2.5	<2.5	<2.5
Ethylbenzene	100-41-4	2.5	<2.5	<2.5	<2.5
Methylene chloride	75-09-2	5.0	<5.0	<5.0	<5.0
Styrene	100-42-5	2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5
Tetrachloroethene	127-18-4	2.5	<2.5	<2.5	<2.5
Toluene	108-88-3	2.5	<2.5	<2.5	<2.5
1,1,1-Trichloroethane	71-55-6	2.5	<2.5	<2.5	<2.5
1,1,2-Trichloroethane	79-00-5	2.5	<2.5	<2.5	<2.5
Trichloroethene	79-01-6	2.5	<2.5	<2.5	<2.5
Trichlorofluoromethane	75-69-4	5.0	<5.0	<5.0	<5.0
Vinyl acetate	108-05-4	5.0	<5.0	<5.0	<5.0
Vinyl chloride	75-01-4	2.5	<2.5	<2.5	<2.5
Total Xylenes	1330-20-7	2.5	<2.5	<2.5	<2.5
Dichlorodifluoromethane	75-71-8	2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	156-59-2	2.5	<2.5	<2.5	<2.5
2,2-Dichloropropane	594-20-7	2.5	<2.5	<2.5	<2.5

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00
Analyzed:	09/09/00	09/09/00	09/09/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080498	00080499	00080500
Client Sample I.D.	C-1-42-1	C-1-42-5	C-1-42-10

ANALYTE (CONT)	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS*		
			µg/kg	*µg/kg*	*µg/kg*
Bromochloromethane	74-97-5	2.5	<2.5	<2.5	<2.5
1,1-Dichloropropene	563-58-6	2.5	<2.5	<2.5	<2.5
Dibromomethane	74-95-3	2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane	106-93-4	2.5	<2.5	<2.5	<2.5
1,3-Dichloropropane	142-28-9	2.5	<2.5	<2.5	<2.5
Isopropylbenzene	98-82-8	2.5	<2.5	<2.5	<2.5
1,1,2,2-Tetrachloroethane	79-34-5	2.5	<2.5	<2.5	<2.5
1,2,3-Trichloropropane	96-18-4	2.5	<2.5	<2.5	<2.5
Bromobenzene	108-86-1	2.5	<2.5	<2.5	<2.5
i-Propylbenzene	103-65-1	2.5	<2.5	<2.5	<2.5
2-Chlorotoluene	95-49-8	2.5	<2.5	<2.5	<2.5
1,3,5-Trimethylbenzene	108-67-8	2.5	<2.5	<2.5	<2.5
4-Chlorotoluene	106-43-4	2.5	<2.5	<2.5	<2.5
tert-Butylbenzene	98-06-6	2.5	<2.5	<2.5	<2.5
1,2,4-Trimethylbenzene	95-63-6	2.5	<2.5	<2.5	<2.5
sec-Butylbenzene	135-98-8	2.5	<2.5	<2.5	<2.5
4-Isopropyltoluene	99-87-6	2.5	<2.5	<2.5	<2.5
1,3-Dichlorobenzene	541-73-1	2.5	<2.5	<2.5	<2.5
1,4-Dichlorobenzene	106-46-7	2.5	<2.5	<2.5	<2.5
n-Butylbenzene	104-51-8	2.5	<2.5	<2.5	<2.5
1,2-Dichlorobenzene	95-50-1	2.5	<2.5	<2.5	<2.5
1-2-Dibromo-3-CPA	96-12-8	5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	2.5	<2.5	<2.5	<2.5
Hexachlorobutadiene	87-68-3	2.5	<2.5	<2.5	<2.5
Naphthalene	91-20-3	2.5	<2.5	<2.5	<2.5
1,2,3-Trichlorobenzene	87-61-6	2.5	<2.5	<2.5	<2.5
MTBE	1634-04-4	5.0	<5.0	<5.0	<5.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC	%RC
Dibromofluoromethane	71	82	78
Toluene-d8	83	84	84
4-Bromofluorobenzene	98	98	99

INT M.M.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Water)

Laboratory Reference #: KJC 11691

Sampled:	---	08/30/00	08/30/00
Received:	---	08/30/00	08/30/00
Analyzed:	09/07/00	09/07/00	09/07/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	MB	00080501	00080502
Client Sample I.D.	---	C-6-8/30	OCA-TB 756/757

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT µg/l*	*SAMPLE RESULTS*		
			µg/l	*µg/l*	*µg/l*
Benzene	71-43-2	0.5	<0.5	1.7	<0.5
Bromodichloromethane	75-27-4	1.0	<1.0	2.9	<1.0
Bromoform	75-25-2	0.5	<0.5	1.9	<0.5
Bromomethane	74-83-9	1.0	<1.0	<1.0	<1.0
Carbon Disulfide	75-15-0	0.5	<0.5	<0.5	<0.5
Carbon tetrachloride	56-23-5	0.5	<0.5	<0.5	<0.5
Chlorobenzene	108-90-7	0.5	<0.5	<0.5	<0.5
Chlorodibromomethane	124-48-1	0.5	<0.5	3.3	<0.5
Chloroethane	75-00-3	0.5	<0.5	<0.5	<0.5
2-Chloroethyl vinyl ether	110-75-8	0.5	<0.5	<0.5	<0.5
Chloroform	67-66-3	0.5	<0.5	3.1	<0.5
Chloromethane	74-87-3	0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	75-34-3	0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	107-06-2	0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	75-35-4	0.5	<0.5	<0.5	<0.5
trans-1,2-Dichloroethene	156-60-5	0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	78-87-5	0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	10061-01-5	0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	10061-02-6	0.5	<0.5	<0.5	<0.5
Ethylbenzene	100-41-4	0.5	<0.5	1.8	<0.5
Methylene chloride	75-09-2	2.5	<2.5	<2.5	<2.5
Styrene	100-42-5	0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	79-34-5	0.5	<0.5	<0.5	<0.5
Tetrachloroethene	127-18-4	0.5	<0.5	<0.5	<0.5
Toluene	108-88-3	0.5	<0.5	3.6	<0.5
1,1,1-Trichloroethane	71-55-6	0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	79-00-5	0.5	<0.5	<0.5	<0.5
Trichloroethene	79-01-6	0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	75-69-4	0.5	<0.5	<0.5	<0.5
Vinyl acetate	108-05-4	1.0	<1.0	<1.0	<1.0
Vinyl chloride	75-01-4	0.5	<0.5	<0.5	<0.5
Total Xylenes	1330-20-7	1.0	<1.0	4.0	<1.0
Dichlorodifluoromethane	75-71-8	0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethene	156-59-2	0.5	<0.5	<0.5	<0.5
2,2-Dichloropropane	594-20-7	0.5	<0.5	<0.5	<0.5

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	---	08/30/00	08/30/00
Received:	---	08/30/00	08/30/00
Analyzed:	09/07/00	09/07/00	09/07/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	MB0907	00080501	00080502
Client Sample I.D.	---	C-6-8/30	OCA-TB 756/757

ANALYTE (CONT)	*CAS NUMBER*	*DETECTION LIMIT*	*SAMPLE RESULTS*		
		ug/l	*ug/l*	*ug/l*	*ug/l*
Bromochloromethane	74-97-5	0.5	<0.5	<0.5	<0.5
1,1-Dichloropropene	563-58-6	0.5	<0.5	<0.5	<0.5
Dibromomethane	74-95-3	0.5	<0.5	<0.5	<0.5
1,2-Dibromoethane	106-93-4	0.5	<0.5	<0.5	<0.5
1,3-Dichloropropane	142-28-9	0.5	<0.5	<0.5	<0.5
Isopropylbenzene	98-82-8	0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	79-34-5	0.5	<0.5	<0.5	<0.5
1,2,3-Trichloropropane	96-18-4	0.5	<0.5	<0.5	<0.5
Bromobenzene	108-86-1	0.5	<0.5	<0.5	<0.5
n-Propylbenzene	103-65-1	0.5	<0.5	<0.5	<0.5
2-Chlorotoluene	95-49-8	0.5	<0.5	<0.5	<0.5
1,3,5-Trimethylbenzene	108-67-8	0.5	<0.5	<0.5	<0.5
4-Chlorotoluene	106-43-4	0.5	<0.5	<0.5	<0.5
tert-Butylbenzene	98-06-6	0.5	<0.5	<0.5	<0.5
1,2,4-Trimethylbenzene	95-63-6	0.5	<0.5	2.4	<0.5
sec-Butylbenzene	135-98-8	0.5	<0.5	<0.5	<0.5
4-Isopropyltoluene	99-87-6	0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	541-73-1	0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	106-46-7	0.5	<0.5	<0.5	<0.5
n-Butylbenzene	104-51-8	0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	95-50-1	0.5	<0.5	<0.5	<0.5
1-2-Dibromo-3-CPA	96-12-8	1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	120-82-1	0.5	<0.5	<0.5	<0.5
Hexachlorobutadiene	87-68-3	0.5	<0.5	<0.5	<0.5
Naphthalene	91-20-3	0.5	<0.5	<0.5	<0.5
1,2,3-Trichlorobenzene	87-61-6	0.5	<0.5	<0.5	<0.5
MTBE	1634-04-4	1.0	<1.0	<1.0	<1.0

Oxygenated compounds (TAME, DIPE, ETBE, TBA) were not detected.

SURROGATE RECOVERY	%RC	%RC	%RC
Dibromofluoromethane	78	80	80
Toluene-d8	80	80	81
4-Bromofluorobenzene	98	98	98

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	---	08/30/00	08/30/00	08/30/00
Received:	---	08/30/00	08/30/00	08/30/00
Analyzed:	09/11/00	09/11/00	09/11/00	09/11/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	MB0911	00080477	00080478	00080479
Client Sample I.D.	---	C-1-33-1	C-1-33-5	C-1-33-10

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS***			
			µg/kg	***µg/kg***	***µg/kg***	***µg/kg***
Acenaphthene	83-32-9	100	<100	<100	<100	<100
Acenaphthylene	208-96-8	100	<100	<100	<100	<100
Aniline	62-53-3	100	<100	<100	<100	<100
Anthracene	120-12-7	100	<100	<100	<100	<100
Benzoic acid	65-85-0	500	<500	<500	<500	<500
Benzo (a) anthracene	56-55-3	100	<100	<100	<100	<100
Benzo (b) fluoranthene	205-99-2	250	<250	<250	<250	<250
Benzo (k) fluoranthene	207-08-9	250	<250	<250	<250	<250
Benzo (g,h,i) perylene	191-24-2	250	<250	<250	<250	<250
Benzo (a) pyrene	50-32-8	250	<250	<250	<250	<250
Benzyl alcohol	100-51-6	100	<100	<100	<100	<100
bis-(2-chloroethoxy) methane	111-91-1	100	<100	<100	<100	<100
bis-(2-chloroethyl) ether	111-44-4	100	<100	<100	<100	<100
bis-(2-chloroisopropyl) ether	108-60-1	100	<100	<100	<100	<100
bis-(2-ethylhexyl) phthalate	117-81-7	100	<100	<100	<100	<100
4-Bromophenyl phenyl ether	101-55-3	100	<100	<100	<100	<100
Butyl benzyl phthalate	85-68-7	100	<100	<100	<100	<100
4-Chloroaniline	106-47-8	100	<100	<100	<100	<100
2-Chloronaphthalene	91-58-7	100	<100	<100	<100	<100
4-Chloro-3-methylphenol	59-50-7	100	<100	<100	<100	<100
2-Chlorophenol	95-57-8	100	<100	<100	<100	<100
4-Chlorophenyl phenyl ether	7005-72-3	100	<100	<100	<100	<100
Chrysene	218-01-9	100	<100	<100	<100	<100
Dibenz (a,h) anthracene	53-70-3	100	<100	<100	<100	<100
Dibenzofuran	132-64-9	100	<100	<100	<100	<100
Di-n-butyl phthalate	84-74-2	250	<250	<250	<250	<250
1,3-Dichlorobenzene	541-73-1	100	<100	<100	<100	<100
1,4-Dichlorobenzene	106-46-7	100	<100	<100	<100	<100
1,2-Dichlorobenzene	95-50-1	100	<100	<100	<100	<100
3,3-Dichlorobenzidine	91-94-1	100	<100	<100	<100	<100

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	---	08/30/00	08/30/00	08/30/00
Received:	---	08/30/00	08/30/00	08/30/00
Analyzed:	09/11/00	09/11/00	09/11/00	09/11/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	MB0911	00080477	00080478	00080479
Client Sample I.D.	---	C-1-33-1	C-1-33-5	C-1-33-10

ANALYTE (CONT)	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*	*µg/kg*	*µg/kg*
2,4-Dichlorophenol	120-83-2	100	<100	<100	<100	<100
Diethyl phthalate	84-66-2	100	<100	<100	<100	<100
2,4-Dimethylphenol	105-67-9	100	<100	<100	<100	<100
Dimethyl phthalate	131-11-3	100	<100	<100	<100	<100
4,6-Dinitro-2-methylphenol	534-52-1	100	<100	<100	<100	<100
2,4-Dinitrophenol	51-28-5	100	<100	<100	<100	<100
2,4-Dinitrotoluene	121-14-2	250	<250	<250	<250	<250
2,6-Dinitrotoluene	606-20-2	250	<250	<250	<250	<250
Di-n-octyl phthalate	117-84-0	250	<250	<250	<250	<250
Fluoranthene	206-44-0	100	<100	<100	<100	<100
Fluorene	86-73-7	100	<100	<100	<100	<100
Hexachlorobenzene	118-74-1	100	<100	<100	<100	<100
lexachlorobutadiene	87-68-3	100	<100	<100	<100	<100
Hexachlorocyclopentadiene	77-47-4	100	<100	<100	<100	<100
Hexachloroethane	67-72-1	100	<100	<100	<100	<100
Indeno (1,2,3-cd) pyrene	193-39-5	250	<250	<250	<250	<250
Isophorone	78-59-1	100	<100	<100	<100	<100
2-Methylnaphthalene	91-57-6	100	<100	<100	<100	<100
2-Methylphenol	95-48-7	100	<100	<100	<100	<100
4-Methylphenol	106-44-5	100	<100	<100	<100	<100
Naphthalene	91-20-3	100	<100	<100	<100	<100
2-Nitroaniline	88-74-4	250	<250	<250	<250	<250
3-Nitroaniline	99-09-2	250	<250	<250	<250	<250
4-Nitroaniline	100-01-6	250	<250	<250	<250	<250
Nitrobenzene	98-95-3	100	<100	<100	<100	<100
2-Nitrophenol	88-75-5	100	<100	<100	<100	<100
4-Nitrophenol	100-02-7	100	<100	<100	<100	<100
n-Nitrosodiphenylamine	86-30-6	100	<100	<100	<100	<100
n-Nitrosodipropylamine	621-64-7	100	<100	<100	<100	<100
n-Nitrosodimethylamine	62-75-9	100	<100	<100	<100	<100
Pentachlorophenol	87-86-5	250	<250	<250	<250	<250
Phenanthrene	85-01-8	100	<100	<100	<100	<100
Phenol	108-95-2	100	<100	<100	<100	<100
Pyrene	129-00-0	100	<100	<100	<100	<100
1,2,4-Trichlorobenzene	120-82-1	100	<100	<100	<100	<100
2,4,5-trichlorophenol	95-95-4	100	<100	<100	<100	<100
2,4,6-Trichlorophenol	88-06-2	100	<100	<100	<100	<100

INT m·n·

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/11/00	09/11/00	09/11/00	09/11/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080484	00080485	00080486	00080487
Client Sample I.D.	C-1-36-1	C-1-36-5	C-1-36-10	C-1-36-15

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*	*µg/kg*	*µg/kg*
Acenaphthene	83-32-9	100	<100	<100	<100	<100
Acenaphthylene	208-96-8	100	<100	<100	<100	<100
Aniline	62-53-3	100	<100	<100	<100	<100
Anthracene	120-12-7	100	<100	<100	<100	<100
Benzoic acid	65-85-0	500	<500	<500	<500	<500
Benzo (a) anthracene	56-55-3	100	<100	<100	<100	<100
Benzo (b) fluoranthene	205-99-2	250	<250	<250	<250	<250
Benzo (k) fluoranthene	207-08-9	250	<250	<250	<250	<250
Benzo (g,h,i) perylene	191-24-2	250	<250	<250	<250	<250
Benzo (a) pyrene	50-32-8	250	<250	<250	<250	<250
Benzyl alcohol	100-51-6	100	<100	<100	<100	<100
bis-(2-chloroethoxy) methane	111-91-1	100	<100	<100	<100	<100
bis-(2-chloroethyl) ether	111-44-4	100	<100	<100	<100	<100
bis-(2-chloroisopropyl) ether	108-60-1	100	<100	<100	<100	<100
bis-(2-ethylhexyl) phthalate	117-81-7	100	<100	<100	<100	<100
4-Bromophenyl phenyl ether	101-55-3	100	<100	<100	<100	<100
Butyl benzyl phthalate	85-68-7	100	<100	<100	<100	<100
4-Chloroaniline	106-47-8	100	<100	<100	<100	<100
2-Chloronaphthalene	91-58-7	100	<100	<100	<100	<100
4-Chloro-3-methylphenol	59-50-7	100	<100	<100	<100	<100
2-Chlorophenol	95-57-8	100	<100	<100	<100	<100
4-Chlorophenyl phenyl ether	7005-72-3	100	<100	<100	<100	<100
Chrysene	218-01-9	100	<100	<100	<100	<100
Dibenz (a,h) anthracene	53-70-3	100	<100	<100	<100	<100
Dibenzofuran	132-64-9	100	<100	<100	<100	<100
Di-n-butyl phthalate	84-74-2	250	<250	<250	<250	<250
1,3-Dichlorobenzene	541-73-1	100	<100	<100	<100	<100
1,4-Dichlorobenzene	106-46-7	100	<100	<100	<100	<100
1,2-Dichlorobenzene	95-50-1	100	<100	<100	<100	<100
3,3-Dichlorobenzidine	91-94-1	100	<100	<100	<100	<100

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/11/00	09/11/00	09/11/00	09/11/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080484	00080485	00080486	00080487
Client Sample I.D.	C-1-36-1	C-1-36-5	C-1-36-10	C-1-36-15

ANALYTE (CONT)	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*	*µg/kg*	*µg/kg*
2,4-Dichlorophenol	120-83-2	100	<100	<100	<100	<100
Diethyl phthalate	84-66-2	100	<100	<100	<100	<100
2,4-Dimethylphenol	105-67-9	100	<100	<100	<100	<100
Dimethyl phthalate	131-11-3	100	<100	<100	<100	<100
4,6-Dinitro-2-methylphenol	534-52-1	100	<100	<100	<100	<100
2,4-Dinitrophenol	51-28-5	100	<100	<100	<100	<100
2,4-Dinitrotoluene	121-14-2	250	<250	<250	<250	<250
2,6-Dinitrotoluene	606-20-2	250	<250	<250	<250	<250
Di-n-octyl phthalate	117-84-0	250	<250	<250	<250	<250
Fluoranthene	206-44-0	100	<100	<100	<100	<100
Fluorene	86-73-7	100	<100	<100	<100	<100
Hexachlorobenzene	118-74-1	100	<100	<100	<100	<100
Hexachlorobutadiene	87-68-3	100	<100	<100	<100	<100
Hexachlorocyclopentadiene	77-47-4	100	<100	<100	<100	<100
Hexachloroethane	67-72-1	100	<100	<100	<100	<100
Indeno (1,2,3-cd) pyrene	193-39-5	250	<250	<250	<250	<250
Isophorone	78-59-1	100	<100	<100	<100	<100
2-Methylnaphthalene	91-57-6	100	<100	<100	<100	<100
2-Methylphenol	95-48-7	100	<100	<100	<100	<100
4-Methylphenol	106-44-5	100	<100	<100	<100	<100
Naphthalene	91-20-3	100	<100	<100	<100	<100
2-Nitroaniline	88-74-4	250	<250	<250	<250	<250
3-Nitroaniline	99-09-2	250	<250	<250	<250	<250
4-Nitroaniline	100-01-6	250	<250	<250	<250	<250
Nitrobenzene	98-95-3	100	<100	<100	<100	<100
2-Nitrophenol	88-75-5	100	<100	<100	<100	<100
4-Nitrophenol	100-02-7	100	<100	<100	<100	<100
n-Nitrosodiphenylamine	86-30-6	100	<100	<100	<100	<100
n-Nitrosodipropylamine	621-64-7	100	<100	<100	<100	<100
n-Nitrosodimethylamine	62-75-9	100	<100	<100	<100	<100
Pentachlorophenol	87-86-5	250	<250	<250	<250	<250
Phenanthrene	85-01-8	100	<100	<100	<100	<100
Phenol	108-95-2	100	<100	<100	<100	<100
Pyrene	129-00-0	100	<100	<100	<100	<100
1,2,4-Trichlorobenzene	120-82-1	100	<100	<100	<100	<100
2,4,5-trichlorophenol	95-95-4	100	<100	<100	<100	<100
2,4,6-Trichlorophenol	88-06-2	100	<100	<100	<100	<100

INT m.n.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/11/00	09/11/00	09/11/00	09/11/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080488	00080498	00080499	00080500
Client Sample I.D.	C-1-36-20	C-1-42-1	C-1-42-5	C-1-42-10

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS***			
			µg/kg	***µg/kg***	***µg/kg***	***µg/kg***
Acenaphthene	83-32-9	100	<100	<100	<100	<100
Acenaphthylene	208-96-8	100	<100	<100	<100	<100
Aniline	62-53-3	100	<100	<100	<100	<100
Anthracene	120-12-7	100	<100	<100	<100	<100
Benzoic acid	65-85-0	500	<500	<500	<500	<500
Benzo (a) anthracene	56-55-3	100	<100	<100	<100	<100
Benzo (b) fluoranthene	205-99-2	250	<250	<250	<250	<250
Benzo (k) fluoranthene	207-08-9	250	<250	<250	<250	<250
Benzo (g,h,i) perylene	191-24-2	250	<250	<250	<250	<250
Benzo (a) pyrene	50-32-8	250	<250	<250	<250	<250
Benzyl alcohol	100-51-6	100	<100	<100	<100	<100
bis-(2-chloroethoxy) methane	111-91-1	100	<100	<100	<100	<100
bis-(2-chloroethyl) ether	111-44-4	100	<100	<100	<100	<100
bis-(2-chloroisopropyl) ether	108-60-1	100	<100	<100	<100	<100
bis-(2-ethylhexyl) phthalate	117-81-7	100	<100	<100	<100	<100
4-Bromophenyl phenyl ether	101-55-3	100	<100	<100	<100	<100
Butyl benzyl phthalate	85-68-7	100	<100	<100	<100	<100
4-Chloroaniline	106-47-8	100	<100	<100	<100	<100
2-Chloronaphthalene	91-58-7	100	<100	<100	<100	<100
4-Chloro-3-methylphenol	59-50-7	100	<100	<100	<100	<100
2-Chlorophenol	95-57-8	100	<100	<100	<100	<100
4-Chlorophenyl phenyl ether	7005-72-3	100	<100	<100	<100	<100
Chrysene	218-01-9	100	<100	<100	<100	<100
Dibenz (a,h) anthracene	53-70-3	100	<100	<100	<100	<100
Dibenzofuran	132-64-9	100	<100	<100	<100	<100
Di-n-butyl phthalate	84-74-2	250	<250	<250	<250	<250
1,3-Dichlorobenzene	541-73-1	100	<100	<100	<100	<100
1,4-Dichlorobenzene	106-46-7	100	<100	<100	<100	<100
1,2-Dichlorobenzene	95-50-1	100	<100	<100	<100	<100
3,3-Dichlorobenzidine	91-94-1	100	<100	<100	<100	<100

INT m.n.

Orange Coast Analytical, Inc

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

Laboratory Reference #: KJC 11691

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Analyzed:	09/11/00	09/11/00	09/11/00	09/11/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080488	00080498	00080499	00080500
Client Sample I.D.	C-1-36-20	C-1-42-1	C-1-42-5	C-1-42-10

ANALYTE (CONT)	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*	*µg/kg*	*µg/kg*
2,4-Dichlorophenol	120-83-2	100	<100	<100	<100	<100
Diethyl phthalate	84-66-2	100	<100	<100	<100	<100
2,4-Dimethylphenol	105-67-9	100	<100	<100	<100	<100
Dimethyl phthalate	131-11-3	100	<100	<100	<100	<100
4,6-Dinitro-2-methylphenol	534-52-1	100	<100	<100	<100	<100
2,4-Dinitrophenol	51-28-5	100	<100	<100	<100	<100
2,4-Dinitrotoluene	121-14-2	250	<250	<250	<250	<250
2,6-Dinitrotoluene	606-20-2	250	<250	<250	<250	<250
Di-n-octyl phthalate	117-84-0	250	<250	<250	<250	<250
Fluoranthene	206-44-0	100	<100	<100	<100	<100
Fluorene	86-73-7	100	<100	<100	<100	<100
Hexachlorobenzene	118-74-1	100	<100	<100	<100	<100
Hexachlorobutadiene	87-68-3	100	<100	<100	<100	<100
Hexachlorocyclopentadiene	77-47-4	100	<100	<100	<100	<100
Hexachloroethane	67-72-1	100	<100	<100	<100	<100
Indeno (1,2,3-cd) pyrene	193-39-5	250	<250	<250	<250	<250
Isophorone	78-59-1	100	<100	<100	<100	<100
2-Methylnaphthalene	91-57-6	100	<100	<100	<100	<100
2-Methylphenol	95-48-7	100	<100	<100	<100	<100
4-Methylphenol	106-44-5	100	<100	<100	<100	<100
Naphthalene	91-20-3	100	<100	<100	<100	<100
2-Nitroaniline	88-74-4	250	<250	<250	<250	<250
3-Nitroaniline	99-09-2	250	<250	<250	<250	<250
4-Nitroaniline	100-01-6	250	<250	<250	<250	<250
Nitrobenzene	98-95-3	100	<100	<100	<100	<100
2-Nitrophenol	88-75-5	100	<100	<100	<100	<100
4-Nitrophenol	100-02-7	100	<100	<100	<100	<100
n-Nitrosodiphenylamine	86-30-6	100	<100	<100	<100	<100
n-Nitrosodipropylamine	621-64-7	100	<100	<100	<100	<100
n-Nitrosodimethylamine	62-75-9	100	<100	<100	<100	<100
Pentachlorophenol	87-86-5	250	<250	<250	<250	<250
Phenanthrene	85-01-8	100	<100	<100	<100	<100
Phenol	108-95-2	100	<100	<100	<100	<100
Pyrene	129-00-0	100	<100	<100	<100	<100
1,2,4-Trichlorobenzene	120-82-1	100	<100	<100	<100	<100
2,4,5-trichlorophenol	95-95-4	100	<100	<100	<100	<100
2,4,6-Trichlorophenol	88-06-2	100	<100	<100	<100	<100

INT m.n.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	---	08/30/00	08/30/00	08/30/00
Received:	---	08/30/00	08/30/00	08/30/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	MB	00080473	00080474	00080475
Client Sample I.D.	---	C-1-30-1	C-1-30-5	C-1-30-10

METALS

ANALYTE	***DATE TESTED***	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS***			
				mg/kg	***mg/kg***	***mg/kg***	***mg/kg***
Antimony	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	09/12/00	6010	1.0	<1.0	1.8	2.8	3.4
Barium	09/12/00	6010	0.5	<0.5	93	140	130
Beryllium	09/12/00	6010	0.5	<0.5	<0.5	0.71	0.61
Cadmium	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Chromium (Total)	09/12/00	6010	0.5	<0.5	14	24	27
Cobalt	09/12/00	6010	0.5	<0.5	7.2	9.6	11
Copper	09/12/00	6010	0.5	<0.5	14	19	29
Lead	09/12/00	6010	1.0	<1.0	4.6	6.1	7.0
Mercury	09/06/00	7471	0.1	<0.1	<0.1	<0.1	0.17
Molybdenum	09/12/00	6010	1.0	<1.0	<1.0	<1.0	<1.0
Nickel	09/12/00	6010	0.5	<0.5	7.7	14	19
Selenium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Silver	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Thallium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Vanadium	09/12/00	6010	0.5	<0.5	29	50	52
Zinc	09/12/00	6010	0.5	<0.5	28	54	68

INT m.n.

Orange Coast Analytical, Inc

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ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080476	00080477	00080478	00080479
Client Sample I.D.	C-1-32-4	C-1-33-1	C-1-33-5	C-1-33-10

METALS ANALYTE	***DATE TESTED***	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS***			
				mg/kg	***mg/kg***	***mg/kg***	***mg/kg***
Antimony	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	09/12/00	6010	1.0	8.2	2.2	2.9	3.5
Barium	09/12/00	6010	0.5	160	96	120	130
Beryllium	09/12/00	6010	0.5	0.64	<0.5	0.54	0.54
Cadmium	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Chromium (Total)	09/12/00	6010	0.5	26	23	21	21
Cobalt	09/12/00	6010	0.5	9.3	6.7	8.2	9.6
Copper	09/12/00	6010	0.5	29	15	18	24
Lead	09/12/00	6010	1.0	13	6.7	5.6	6.1
Mercury	09/06/00	7471	0.1	0.25	<0.1	<0.1	<0.1
Molybdenum	09/12/00	6010	1.0	1.4	<1.0	<1.0	<1.0
Nickel	09/12/00	6010	0.5	19	10	13	16
Selenium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Silver	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Thallium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Vanadium	09/12/00	6010	0.5	46	34	45	43
Zinc	09/12/00	6010	0.5	62	53	52	56

INT m.n.

Orange Coast Analytical, Inc

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2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00
Reported:	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080480	00080481	00080482
Client Sample I.D.	C-1-34-5	C-1-35-1	C-1-35-5

METALS ANALYTE	***DATE TESTED***	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS***		
				mg/kg	***mg/kg***	***mg/kg***
Antimony	09/12/00	6010	5.0	<5.0	<5.0	<5.0
Arsenic	09/12/00	6010	1.0	8.2	3.1	6.4
Barium	09/12/00	6010	0.5	160	50	130
Beryllium	09/12/00	6010	0.5	0.59	<0.5	<0.5
Cadmium	09/12/00	6010	0.5	<0.5	<0.5	0.65
Chromium (Total)	09/12/00	6010	0.5	25	510	33
Cobalt	09/12/00	6010	0.5	11	8.2	8.2
Copper	09/12/00	6010	0.5	30	13	27
Lead	09/12/00	6010	1.0	8.4	5.1	17
Mercury	09/13/00	7471	0.1	<0.1	<0.1	<0.1
Molybdenum	09/12/00	6010	1.0	1.6	<1.0	2.8
Nickel	09/12/00	6010	0.5	19	11	19
Selenium	09/12/00	6010	5.0	<5.0	<5.0	<5.0
Silver	09/12/00	6010	0.5	<0.5	<0.5	<0.5
Thallium	09/12/00	6010	5.0	<5.0	<5.0	<5.0
Vanadium	09/12/00	6010	0.5	46	39	50
Zinc	09/12/00	6010	0.5	56	39	56

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080484	00080485	00080486	00080487
Client Sample I.D.	C-1-36-1	C-1-36-5	C-1-36-10	C-1-36-15

METALS ANALYTE	***DATE TESTED***	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS***			
				mg/kg	***mg/kg***	***mg/kg***	***mg/kg***
Antimony	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	09/12/00	6010	1.0	3.3	2.6	2.9	4.6
Barium	09/12/00	6010	0.5	140	110	99	130
Beryllium	09/12/00	6010	0.5	0.53	0.55	0.54	0.51
Chromium (VI)	09/08/00	7196	0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Chromium (Total)	09/12/00	6010	0.5	44	21	19	21
Cobalt	09/12/00	6010	0.5	8.9	7.9	8.5	9.1
Copper	09/12/00	6010	0.5	23	16	16	23
Lead	09/12/00	6010	1.0	10	7.2	7.4	5.7
Mercury	09/13/00	7471	0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	09/12/00	6010	1.0	<1.0	<1.0	<1.0	<1.0
Nickel	09/12/00	6010	0.5	15	11	11	16
Selenium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Silver	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Thallium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Vanadium	09/12/00	6010	0.5	43	42	41	46
Zinc	09/12/00	6010	0.5	53	42	41	59

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080488	00080490	00080491	00080492
Client Sample I.D.	C-1-36-20	C-1-38-1	C-1-38-5	C-1-38-10

METALS ANALYTE	***DATE TESTED***	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS***			
				mg/kg	***mg/kg***	***mg/kg***	***mg/kg***
Antimony	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	09/12/00	6010	1.0	2.9	2.4	3.5	3.9
Barium	09/12/00	6010	0.5	130	80	110	130
Beryllium	09/12/00	6010	0.5	<0.5	0.78	0.62	0.60
Chromium (VI)	09/08/00	7196	0.5	<0.5	N/A	N/A	N/A
Cadmium	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Chromium (Total)	09/12/00	6010	0.5	19	25	22	27
Cobalt	09/12/00	6010	0.5	7.9	9.6	9.9	11
Copper	09/12/00	6010	0.5	21	15	20	28
Lead	09/12/00	6010	1.0	4.9	6.5	6.6	7.0
Mercury	09/13/00	7471	0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	09/12/00	6010	1.0	<1.0	<1.0	<1.0	<1.0
Nickel	09/12/00	6010	0.5	14	14	17	20
Selenium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Silver	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Thallium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Vanadium	09/12/00	6010	0.5	46	51	48	51
Zinc	09/12/00	6010	0.5	57	52	57	64

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080493	00080494	00080495	00080496
Client Sample I.D.	C-1-39-1	C-1-39-5	C-1-39-10	C-1-39-15

METALS ANALYTE	***DATE TESTED***	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS***			
				mg/kg	***mg/kg***	***mg/kg***	***mg/kg***
Antimony	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	09/12/00	6010	1.0	1.1	1.9	3.4	4.4
Barium	09/12/00	6010	0.5	21	91	130	150
Beryllium	09/12/00	6010	0.5	<0.5	0.52	0.60	0.56
Cadmium	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Chromium (Total)	09/12/00	6010	0.5	4.8	19	24	23
Cobalt	09/12/00	6010	0.5	1.1	8.5	11	9.6
Copper	09/12/00	6010	0.5	2.1	12	27	28
Lead	09/12/00	6010	1.0	8.3	5.7	6.9	6.6
Mercury	09/13/00	7471	0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	09/12/00	6010	1.0	<1.0	<1.0	<1.0	<1.0
Nickel	09/12/00	6010	0.5	4.0	8.9	18	18
Selenium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Silver	09/12/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Thallium	09/12/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Vanadium	09/12/00	6010	0.5	8.3	39	51	49
Zinc	09/12/00	6010	0.5	9.0	37	66	63

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Sampled:	08/30/00	08/30/00	08/30/00	08/30/00
Received:	08/30/00	08/30/00	08/30/00	08/30/00
Reported:	09/18/00	09/18/00	09/18/00	09/18/00
Lab Sample I.D.	00080497	00080498	00080499	00080500
Client Sample I.D.	C-1-39-20	C-1-42-1	C-1-42-5	C-1-42-10

METALS ANALYTE	***DATE TESTED***	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS***			
				mg/kg	***mg/kg***	***mg/kg***	***mg/kg***
Antimony	09/14/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Arsenic	09/14/00	6010	1.0	3.4	2.1	2.7	3.2
Barium	09/14/00	6010	0.5	150	34	100	180
Beryllium	09/14/00	6010	0.5	0.60	<0.5	<0.5	0.54
Cadmium	09/14/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Chromium (Total)	09/14/00	6010	0.5	22	8.8	23	20
Cobalt	09/14/00	6010	0.5	10	1.6	10	8.8
Copper	09/14/00	6010	0.5	32	4.9	18	19
Lead	09/14/00	6010	1.0	7.1	7.7	6.7	5.5
Mercury	09/13/00	7471	0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	09/14/00	6010	1.0	<1.0	1.8	<1.0	<1.0
Nickel	09/14/00	6010	0.5	16	4.3	13	15
Selenium	09/14/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Silver	09/14/00	6010	0.5	<0.5	<0.5	<0.5	<0.5
Thallium	09/14/00	6010	5.0	<5.0	<5.0	<5.0	<5.0
Vanadium	09/14/00	6010	0.5	48	11	49	42
Zinc	09/14/00	6010	0.5	71	19	55	51

INT m.n.

Orange Coast Analytical, Inc

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sample Description: Soil,

Laboratory Reference #: KJC 11691

Sampled: 08/30/00
Received: 08/30/00
Analyzed: 09/05/00
Reported: 09/18/00

pH (EPA 9045)

LABORATORY SAMPLE NUMBER	*CLIENT SAMPLE NUMBER*	*SAMPLE RESULTS*
00080476	C-1-32-4	8.0

INT m.n.

Orange Coast Analytical, Inc.

(ennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr. #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 004026.00

Sampled:	---	08/30/00
Received:	---	08/30/00
Analyzed:	09/01/00	09/01/00
Reported:	09/18/00	09/18/00

SAMPLE DESCRIPTION (Soil)

Laboratory Reference #: KJC 11691

Lab Sample I.D.	MB	00080489
Client Sample I.D.	---	C-1-37-1

POLYCHLORINATED BIPHENYL'S (EPA 8082)

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*	*µg/kg*
PCB-1016	12674-11-2	50	<50	<50
PCB-1221	111104-28-2	50	<50	<50
PCB-1232	11141-16-5	50	<50	<50
PCB-1242	53469-21-9	50	<50	<50
PCB-1248	12672-29-6	50	<50	<50
PCB-1254	11097-69-1	50	<50	<50
PCB-1260	11096-82-5	50	<50	<50

INT m.n.

Orange Coast Analytical, Inc

QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 09/01/00
Laboratory Sample No : 00080478
Laboratory Reference No : KJC 11691

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	86	98	86	98	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

INT m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 09/09/00
Laboratory Sample No : 0008491
Laboratory Reference No : KJC 11691

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	48	48	96	96	0
1,1-Dichloroethene	0.0	50	44	49	88	98	11
Trichloroethene	0.0	50	53	53	106	106	0
Toluene	0.0	50	47	47	94	94	0
Chlorobenzene	0.0	50	53	54	106	108	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

INT m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 09/07/00
Laboratory Sample No : 00080501
Laboratory Reference No : KJC 11691

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	1.7	20	16	18	72	82	12
1,1-Dichloroethene	0.0	20	15	16	75	80	6
Trichloroethene	0.0	20	18	19	90	95	5
Toluene	3.6	20	18	18	72	72	0
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

INT m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 09/09/00
Laboratory Sample No : 0008484
Laboratory Reference No : KJC 11691

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	44	42	88	84	5
1,1-Dichloroethene	0.0	50	40	41	80	82	2
Trichloroethene	0.0	50	53	51	106	102	4
Toluene	0.0	50	46	46	92	92	0
Chlorobenzene	0.0	50	50	50	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

INT m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 09/11/00
Laboratory Sample No : 00080500
Laboratory Reference No : KJC 11691

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
Phenol	0.0	100	68	75	68	75	10
2-Chlorophenol	0.0	100	73	77	73	77	5
1,4-Dichlorobenzene	0.0	50	35	34	70	68	3
n-Nitroso-di-n-propylamine	0.0	50	37	36	74	72	3
1,2,4-Trichlorobenzene	0.0	50	35	36	70	72	3
4-Chloro-3-Methylphenol	0.0	100	66	75	66	75	13
Acenaphthene	0.0	50	38	37	76	74	3
Pentachlorophenol	0.0	100	67	75	67	75	11
Pyrene	0.0	50	40	40	80	80	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

INT m.a.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Laboratory Reference No : KJC 11691

Analyte	Date Tested	QC Sample	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	09/12/00	00080485	0.00	10.0	10.4	10.4	104	104	1
Arsenic	09/12/00	00080485	0.052	10.0	10.3	10.3	103	103	0
Barium	09/12/00	00080485	2.10	1.00	3.05	3.08	95	98	1
Beryllium	09/12/00	00080485	0.011	1.00	1.01	1.02	100	101	1
Cadmium	09/12/00	00080485	0.00	1.00	1.04	1.04	104	104	0
Chromium (VI)	09/08/00	00090052	0.00	5.00	5.67	5.56	113	111	2
Chromium (Total)	09/12/00	00080485	0.42	1.00	1.39	1.40	97	98	1
Cobalt	09/12/00	00080485	0.16	1.00	1.05	1.06	89	90	1
Copper	09/12/00	00080485	0.32	1.00	1.37	1.38	105	106	1
Lead	09/12/00	00080485	0.14	5.00	5.17	5.19	101	101	0
Mercury	09/06/00	00080480	0.00	1.00	1.13	1.15	113	115	2
Molybdenum	09/12/00	00080485	0.00	5.00	4.82	4.85	96	97	1
Nickel	09/12/00	00080485	0.23	5.00	4.93	4.95	94	94	0
Selenium	09/12/00	00080485	0.00	10.0	10.5	10.5	105	105	0
Silver	09/12/00	00080485	0.00	1.00	1.00	1.02	100	102	2
Thallium	09/12/00	00080485	0.00	10.0	9.39	9.43	94	94	0
Vanadium	09/12/00	00080485	0.83	5.00	5.82	5.87	100	101	1
Zinc	09/12/00	00080485	0.83	1.00	1.79	1.80	96	97	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

INT M.M.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Laboratory Reference No : KJC 11691

Analyte	Date Tested	QC Sample	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	09/12/00	00080496	0.00	10.0	10.3	10.3	103	103	1
Arsenic	09/12/00	00080496	0.088	10.0	10.3	10.1	102	101	1
Barium	09/12/00	00080496	3.0	1.00	3.93	3.92	93	92	0
Beryllium	09/12/00	00080496	0.011	1.00	1.01	1.00	100	99	1
Cadmium	09/12/00	00080496	0.00	1.00	1.05	1.04	105	104	1
Chromium (Total)	09/12/00	00080496	0.46	1.00	1.43	1.41	97	95	1
Cobalt	09/12/00	00080496	0.19	1.00	1.08	1.08	89	89	0
Copper	09/12/00	00080496	0.55	1.00	1.61	1.59	106	104	1
Lead	09/12/00	00080496	0.13	5.00	5.10	5.03	99	98	1
Mercury	09/13/00	00080494	0.00	1.00	1.11	1.10	111	110	1
Molybdenum	09/12/00	00080496	0.00	5.00	4.79	4.74	96	95	1
Nickel	09/12/00	00080496	0.35	5.00	4.98	4.93	93	92	1
Selenium	09/12/00	00080496	0.00	10.0	10.4	10.2	104	102	2
Silver	09/12/00	00080496	0.00	1.00	1.02	1.01	102	101	1
Thallium	09/12/00	00080496	0.00	10.0	9.17	9.06	92	91	1
Vanadium	09/12/00	00080496	0.98	5.00	6.00	5.91	100	99	2
Zinc	09/12/00	00080496	1.30	1.00	2.19	2.18	89	88	0

Definition of Terms :

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

INT m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Laboratory Reference No : KJC 11691

Analyte	Date Tested	QC Sample	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	09/14/00	00080500	0.00	10.0	9.41	9.14	94	91	3
Arsenic	09/14/00	00080500	0.064	10.0	9.26	8.95	92	89	3
Barium	09/14/00	00080500	3.6	1.00	4.35	4.36	80	81	0
Beryllium	09/14/00	00080500	0.01	1.00	0.937	0.91	93	90	3
Cadmium	09/14/00	00080500	0.00	1.00	0.971	0.95	97	95	3
Chromium (Total)	09/14/00	00080500	0.39	1.00	1.27	1.25	88	86	2
Cobalt	09/14/00	00080500	0.18	1.00	1.07	1.05	89	87	2
Copper	09/14/00	00080500	0.38	1.00	1.34	1.33	96	95	1
Lead	09/14/00	00080500	0.11	5.00	4.42	4.27	86	83	3
Mercury	09/13/00	00080525	0.00	1.00	1.13	1.11	113	111	2
Molybdenum	09/14/00	00080500	0.00	5.00	4.47	4.33	89	87	3
Nickel	09/14/00	00080500	0.29	5.00	4.42	4.32	83	81	2
Selenium	09/14/00	00080500	0.00	10.0	9.35	9.03	94	90	3
Silver	09/14/00	00080500	0.00	1.00	0.95	0.92	95	92	2
Thallium	09/14/00	00080500	0.00	10.0	8.30	8.01	83	80	4
Vanadium	09/14/00	00080500	0.84	5.00	5.31	5.20	89	87	2
Zinc	09/14/00	00080500	1.03	1.00	1.85	1.85	82	82	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

INT m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : PCB 'S (EPA 8082)

Date of Analysis : 09/01/00
Laboratory Sample No : OCA 200
Laboratory Reference No : KJC 11691

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	200	190	80	76	5

Definition of Terms :

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

INT m.n.

Orange Coast Analytical, Inc.

ORANGE COAST ANALYTICAL, INC.
PHONE MESSAGE

Initials: mrk Date: 9-7-00

CLIENT: KJC CONTACT: Jay Knight

PROJECT:

Status: ✓ In Progress ___ Completed ___ Upcoming/Future

Date Received:

Samples: Action Item: Turnaround:

there is no sample C-1-35-10
NO 00090483
run entire C-1-36 series for metals

Containers Requested:
___ voa vials
___ glass jars
___ 500 ml plastic
___ 1 liter plastic
___ 1 liter glass
___ trip blank
___ Other_____

Method Shipment:
___ cooler ___ Fed-Ex ASAP
___ box ___ UPS
___ Deliver by_____
___ Will Call on_____
Include:
___ Chain of Custody
___ Blue Ice

Analysis Request and C. n of Custody Record

Lab Job No: _____
Page 1 of 3

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
(480) 736-0960 Fax (480) 736-0970

REQUIRED TAT: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Kennedy Jenks	PROJECT NAME:	Boeing C-6
SEND REPORT TO:	Jay Knight	NUMBER:	C04026.00
ADDRESS:		LOCATION:	Torrance
		ADDRESS:	
PHONE:	FAX:	SAMPLED BY:	

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	8015M TPH	8260 VOC	8270 SVOC	6010 METALS	7045 Hg	8082 PCB's	7196 Cr+6		REMARKS/PRECAUTIONS
C-1-30-1	1	8/30	8:24					X		X					
" -5			8:30												
" -10			8:35					X		X					
C-1-32-4			9:13					X		X	X				
C-1-33-1			9:24				X	X	X	X					
" -5			9:30												
" -10			9:35				X	X	X	X					
C-1-34-5			9:40					X		X					
C-1-35-1			10:05					X		X					
" -5			10:15												
" -10			10:20					X		X					
C-1-36-1			10:30					X	X	X			X		
" -5			10:35												
" -10	1	8/30	10:40					X	X	X			X		

Total No. of Samples:	Method of Shipment:	
Relinquished By: Tim Kaplan Date/Time: 8/30/00 4:00	Received By: Date/Time:	Reporting Format: (check) NORMAL _____ S.D. HMMD _____
Relinquished By: Date/Time:	Received By: Date/Time:	RWQCB _____ OTHER _____
Relinquished By: Date/Time:	Received For Lab By: [signature] Date/Time: 8/30/ 16:00	Sample Integrity: (check) intact _____ on ice _____

BOE-C6-0151176

Analysis Request and C[illegible] of Custody Record

Lab Job No: _____
Page 2 of 3

ORANGE COAST ANALYTICAL, INC.
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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TAT: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Kennedy Jenks	PROJECT NAME:	Boeing C-6
SEND REPORT TO:	Jay Kingle	NUMBER:	Torrance 004026.00
ADDRESS:		LOCATION:	Torrance
		ADDRESS:	
PHONE:	FAX:	SAMPLED BY:	

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	8015M TPH	8260 VOC	8270 SVOC	6010 Metal	3015 PH	8082 PCBs	7196 CR16		REMARKS/PRECAUTIONS
C-1-36-15	1	8/30	10:50	Soil	Acetate liner	ICE	~~X~~	X	X				X		
" -20			11:00				~~X~~	X	X			~~X~~	X		
C-1-37-1			11:15				X					X			
C-1-38-1			1:00				X	X		X					
" -5			1:05												
" -10			1:10				X	X		X					
C-1-39-1			1:30				X	X		X					
" -5			1:35												
-10			1:40												
-15			1:45												
~~C-1-42-1~~ C-1-39-20			1:50				X	X		X					
~~" -5~~ C-1-42-1			3:00					X	X	X					
~~" -10~~ " -5			3:05												
" -10	1	8/30	3:10	Soil	Acetate liner	ICE		X	X	X					

Total No. of Samples:

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	8/30/00 4:00		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 8/30/00 16:20

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

Sample Integrity: (check)
intact _____ on ice _____

BOE-C6-0151177

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 3 of 3

ORANGE COAST ANALYTICAL, INC.
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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TAT: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Kennedy Jenks	PROJECT NAME:	Boeing C-6
SEND REPORT TO:	Jay Knight	NUMBER:	004026.00
ADDRESS:		LOCATION:	
		ADDRESS:	
PHONE:	FAX:	SAMPLED BY:	

ANALYSIS/METHOD REQUEST: 8260 VOC

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	8260 VOC								REMARKS/PRECAUTIONS
C-6-8/30	2	8/30	3:30	W	VOA	ICE	X								
CCA-TB 756/757	2	8/30	3:30	W	VOA	ICE	X								

Total No. of Samples:

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	8/30/00 1:00		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 8/30/00 16:00

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

Sample Integrity: (check)
intact _____ on ice _____

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9166

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

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

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

Detection Limit:	5.0

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

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, RR-GS-37-4'

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

Laboratory Sample Number: 97060203
Laboratory Reference #: MWI 9166

CCR - METALS

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

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

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

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

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

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

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

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

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

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

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

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil

Laboratory Reference #: MWI 9166

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

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

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

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9166

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

DIESEL ANALYSIS (EPA 8015M)

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

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

PCB'S (EPA 8080)

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

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

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Laboratory Director

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/03/97
Laboratory Sample No : 97070088
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	28.0	31.0	93	103	10
Arsenic *	0.0	10.0	3.7	3.7	37	37	0
Barium	11.0	10.0	23.0	22.0	120	110	4
Beryllium	0.00	1.00	1.14	1.08	114	108	5
Cadmium	0.00	1.00	1.14	1.07	114	107	6
Chromium (Total)	3.20	5.00	8.90	8.50	114	106	5
Chromium (VI)	0.00	1.00	0.95	0.98	95	98	3
Cobalt	0.70	1.00	1.90	1.91	120	121	1
Copper	2.00	1.00	3.20	3.20	120	120	0
Lead	0.00	10.0	9.1	8.5	91	85	7
Mercury	0.000	0.020	0.016	0.016	80	80	0
Molybdenum	0.0	10.0	9.6	9.3	96	93	3
Nickel	1.40	5.00	7.1	6.8	114	108	4
Selenium	0.0	10.0	9.5	9.8	95	98	3
Silver	0.0	5.0	4.3	4.1	86	82	5
Thallium	0.0	30.0	28.9	24.4	96	81	17
Vanadium	3.7	5.0	8.7	8.4	100	94	4
Zinc	8.1	5.0	14.0	13.9	118	116	1

Definition of Terms :

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

Matrix interferance *

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

PCB'S (EPA 8080)

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

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070090

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070089

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/07/97
Reported: 07/11/97

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070091

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	99
4-Bromofluorobenzene	96

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

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

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/07/97
Reported: 07/11/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070090

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	99
4-Bromofluorobenzene	93

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

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

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070091
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethene	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethane	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-22-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2.-Dichloroethene	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070089

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	100
4-Bromofluorobenzene	95

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethene	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethane	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-22-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/14/97
Reported: 07/14/97

Laboratory Sample Number: 97070090
Laboratory Reference #: MWI 9304

CCR - METALS

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

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

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

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/09/97
Reported: 07/11/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-35-3	0.5	N.D.
1,2-Dichloroethene	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethane	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-22-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-4	0.5	N.D.
2,2-Dichloropropane	590-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
1,2-Dichloropropene	78-87-5	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
trans-1,3-Dichloropropane	10061-02-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/07/97
Reported: 07/11/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Volatile Fuel Hydrocarbons (ug/l) (ppb)
97070089	Equip Blank	N.D.
97070090	Rinsate Blank	N.D.

Detection Limit:	50

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/14/97
Reported: 07/14/97

Laboratory Sample Number: 97070089
Laboratory Reference #: MWI 9304

CCR - METALS

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

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

ORANGE COAST ANALYTICAL

Mark Noorani
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 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/07/97
Reported: 07/11/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070089	Equip Blank	N.D.
97070090	Rinsate Blank	N.D.

Detection Limit:	0.5

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

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: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/08/97
Reported: 07/11/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/l)*
97070089	Equip Blank	N.D.
97070090	Rinsate Blank	N.D.
Detection Limit:		0.5

Extractable Hydrocarbons are quantitated against a diesel standard. Analytes detected by this method range from C7 to C30. Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, PL-GS-9-3.5'
Laboratory Sample #: 97070088
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/07/97
Reported: 07/07/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	Extractable Hydrocarbons (ppm)
Up to and including C-12	1,200
C 13-22	12,000
C 23 & Higher	3,100
Total	16,000

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, PL-GS-9-3.5'

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

Laboratory Sample Number: 97070088
Laboratory Reference #: MWI 9304

PCB'S (EPA 8080)

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

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

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

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

Sample Description: Soil, PL-GS-9-3.5'
Laboratory Sample Number: 97070088
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	800	1,000
Acenaphthylene	208-96-8	800	N.D.
Aniline	62-53-3	800	N.D.
Anthracene	120-12-7	800	N.D.
Benzidine	92-87-5	4000	N.D.
Benzoic Acid	65-85-0	4000	N.D.
Benzo (a) anthracene	56-55-3	800	1,000
Benzo (b) fluoranthene	205-99-2	2000	N.D.
Benzo (k) fluoranthene	207-08-9	2000	N.D.
Benzo (g,h,i)perylene	191-24-2	2000	N.D.
Benzo (a) pyrene	50-32-8	2000	N.D.
Benzyl alcohol	100-51-6	800	N.D.
Bis(2-chloroethoxy)methane	111-91-1	800	N.D.
Bis(2-chloroethyl)ether	111-44-4	800	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	800	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	800	N.D.
4-Bromophenyl phenyl ether	101-55-3	800	N.D.
Butyl benzyl phthalate	85-68-7	800	N.D.
4-Chloroaniline	106-47-8	800	N.D.
2-Chloronaphthalene	91-58-7	800	N.D.
4-Chloro-3-methylphenol	59-50-7	800	N.D.
2-Chlorophenol	95-57-8	800	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	800	N.D.
Chrysene	218-0109	800	1,600
Dibenz(a,h)anthracene	53-70-3	800	N.D.
Dibenzofuran	132-64-9	800	N.D.
Di-N-butyl phthalate	84-74-2	2000	N.D.
1,3-Dichlorobenzene	541-73-1	800	N.D.
1,4-Dichlorobenzene	106-46-7	800	N.D.
1,2-Dichlorobenzene	95-50-1	800	N.D.
3,3-Dichlorobenzidine	91-94-1	800	N.D.
2,4-Dichlorophenol	120-83-2	800	N.D.
Diethyl phthalate	84-66-2	800	N.D.
2,4-Dimethylphenol	105-67-9	800	N.D.
Dimethyl phthalate	131-11-3	800	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	800	N.D.
2,4-Dinitrophenol	51-28-5	800	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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

Sample Description: Soil, PL-GS-9-3.5'
Laboratory Sample #: 97070088

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	800	1,300
Fluorene	86-73-7	800	1,300
Hexachlorobenzene	118-74-1	800	N.D.
Hexachlorobutadiene	87-68-3	800	N.D.
Hexachlorocyclopentadiene	77-47-4	800	N.D.
Hexachloroethane	67-72-1	800	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	2000	N.D.
Isophorone	78-59-1	800	N.D.
2-Methylnaphthalene	91-57-6	800	7,200
2-Methylphenol	95-48-7	800	N.D.
4-Methylphenol	106-44-5	800	N.D.
Naphthalene	91-20-3	800	1,500
2-Nitroaniline	88-74-4	2000	N.D.
3-Nitroaniline	99-09-2	2000	N.D.
4-Nitroaniline	100-01-6	2000	N.D.
Nitrobenzene	98-95-3	800	N.D.
2-Nitrophenol	88-75-5	800	N.D.
4-Nitrophenol	100-02-7	800	N.D.
N-Nitrosodiphenylamine	86-30-6	800	N.D.
N-Nitroso-di-N-propylamine	621-64-7	800	N.D.
N-Nitrosodimethylamine	62-75-9	800	N.D.
Pentachlorophenol	87-86-5	2000	N.D.
Phenanthrene	85-01-8	800	6,000
Phenol	108-95-2	800	N.D.
Pyrene	129-00-0	800	1,900
1,2,4-Trichlorobenzene	120-82-1	800	N.D.
2,4,5-Trichlorophenol	95-95-4	800	N.D.
2,4,6-Trichlorophenol	88-06-2	800	N.D.

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

Orange Coast Analytical

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. PL-GS-9-3.5'
Laboratory Sample Number: 97070088
Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Received: 07/02/97
Analyzed: 07/07/97
Reported: 07/07/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	100	N.D.
Bromodichloromethane	75-27-4	100	N.D.
Bromoform	75-25-2	100	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	200	N.D.
Carbon tetrachloride	56-23-5	100	N.D.
Chlorobenzene	108-90-7	100	N.D.
Chlorodibromomethane	124-48-1	100	N.D.
Chloroethane	75-00-3	100	N.D.
2-Chloroethyl vinyl ether	110-75-8	200	N.D.
Chloroform	67-66-3	100	N.D.
Chloromethane	74-87-3	100	N.D.
1,1-Dichloroethane	75-35-3	100	N.D.
1,2-Dichloroethene	107-06-2	100	N.D.
1,1-Dichloroethene	75-35-4	100	N.D.
Trans 1,2-Dichloroethene	156-60-5	100	N.D.
1,2-Dichloropropene	78-87-5	100	N.D.
cis-1,3-Dichloropropene	10061-01-5	100	N.D.
trans-1,3-Dichloropropene	10061-02-6	100	N.D.
Ethylbenzene	100-41-4	100	N.D.
Methylene chloride	75-09-2	200	N.D.
Styrene	100-42-5	100	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.
Tetrachloroethane	127-18-4	100	N.D.
Toluene	108-88-3	100	N.D.
1,1,1-Trichloroethane	71-55-6	100	N.D.
1,1,2-Trichloroethane	79-22-5	100	N.D.
Trichloroethene	79-01-6	100	N.D.
Trichlorofluoromethane	75-69-4	200	N.D.
Vinyl acetate	108-05-4	200	N.D.
Vinyl chloride	75-01-4	100	N.D.
Total Xylenes	1330-20-7	100	N.D.
Dichlorofluoromethane	75-71-8	100	N.D.
cis-1-2,-Dichloroethene	156-59-4	100	N.D.
2,2-Dichloropropane	590-20-7	100	N.D.
Bromochloromethane	74-97-5	100	N.D.
1,1-Dichloropropene	563-58-6	100	N.D.
1,2-Dichloropropene	78-87-5	100	N.D.
Dibromomethane	74-95-3	100	N.D.
trans-1,3-Dichloropropane	10061-02-6	100	N.D.
1,1,2-Trichloroethane	79-00-5	100	N.D.
1,2-Dibromoethane	106-93-4	100	N.D.

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

Sample Description: Soil. PL-GS-9-3.5'
Laboratory Sample #: 97070088

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	100	N.D.
Dibromochloromethane	124-48-1	100	N.D.
Isopropylbenzene	98-82-8	100	100
1.1.2.2-Tetrachloroethane	79-34-5	100	N.D.
1,2,3-Trichloropropane	96-18-4	100	N.D.
Bromobenzene	108-86-1	100	N.D.
n-Propylbenzene	103-65-1	100	N.D.
2-Chlorotoluene	95-49-8	100	N.D.
1,3,5-Trimethylbenzene	108-67-8	100	370
4-Chlorotoluene	106-4-4	100	N.D.
tert-Butylbenzene	98-06-6	100	N.D.
1,2,4-Trimethylbenzene	95-63-6	100	210
sec-Butylbenzene	135-98-8	100	410
4-Isopropyltoluene	99-87-6	100	570
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
n-Butylbenzene	104-51-8	100	280
1,2-Dichlorobenzene	95-50-1	100	N.D.
1-2-Dibromo-3-CPA	96-12-8	200	N.D.
1,2,3-Trichlorobenzene	120-82-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Naphthalene	91-20-3	100	1,100
1,2,3-Trichlorobenzene	87-61-6	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Volatile Fuel Hydrocarbons (mg/kg) (ppm)
97070088	PL-GS-9-3.5'	250

Detection Limit:	5.0

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

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. PL-GS-9-3.5'

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

Laboratory Sample Number: 97070088
Laboratory Reference #: MWI 9304

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	32
Cobalt	6010	80	8000	0.5	7.0
Copper	6010	25	2500	0.1	20
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	14
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	37
Zinc	6010	250	5000	0.1	81

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070088	PL-GS-9-3.5'	16,000

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9304

Sampled: 07/02/97
Recevied: 07/02/97
Analyzed: 07/03/97
Reported: 07/07/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Extractable Hydrocarbons (mg/kg)
97070088	PL-GS-9-3.5'	15,000

Detection Limit:	8.0

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

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 _____ of 1

REQUIRED TAT: AS NOTED BELOW

CUSTOMER INFORMATION

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

PROJECT INFORMATION

PROJECT NAME: McDonnell Douglas
NUMBER: 1206035.01090010
LOCATION: C-6 Facility
ADDRESS: 19503 S. Normandie Ave.
Los Angeles, CA
SAMPLED BY: IV/CW

SAMPLE ID	CONTAINERS	SAMPLE DATE	SAMPLE TIME	MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	VOCs 8260	SVOCs 8270	Title 22 Metals	Carbon Chain	PCBs 8080	8015 Gas	8015 Diesel	Pesticides 8080	REMARKS/PRECAUTIONS
WL-GS-5-4'	2	6/23/97	0921	SOIL	2"x6" SS Sleeves	ICE	X	X	X	X	X	X	X	X		48 hr TAT (TRPH only 24 hr TAT)
WL-GS-6-4'	2	↓	0925	↓	↓	↓	X	X	X	X	X	X	X	X		↓
Equipment Blank	9	↓	1445	WATER	5 Amber 1 Poly	HNO3	X	X	X	X		X	X	X	X	Standard TAT
Rinsate Blank	9	↓	1500	↓	↓	↓	X	X	X	X		X	X	X	X	↓
Trip Blank	2	↓	—	↓	2 VOAs	HCl		X								

Total No. of Samples: 5

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Adam W. Vance	6/23/97 1530		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible signature]	6/23/97 3:30 pm

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-C6-0151217

ORANGE COAST ANALYTICAL, INC.
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QC DATA REPORT

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

Date of Analysis : 06/24/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	37	38	74	76	3
n-Nitroso-di-n-propylamine	0.0	50	44	49	88	98	11
1,2,4-Trichlorobenzene	0.0	50	44	43	88	86	2
Acenaphthene	0.0	50	50	51	100	102	2
Pyrene	0.0	50	50	50	100	100	0
Pentachlorophenol	0.0	100	82	87	82	87	6
4-Chloro-3-Methylphenol	0.0	100	74	77	74	77	4
2-Chlorophenol	0.0	100	76	77	76	77	1
Phenol	0.0	100	23	22	23	22	4

Definition of Terms :

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

ORANGE COAST ANALYTICAL

MARK NOORANI
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QC DATA REPORT

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

Date of Analysis : 06/24/97
Laboratory Sample No : 97060538
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	300	260	120	104	14

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

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

Date of Analysis : 06/24/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9256

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	49	45	98	90	9
n-Nitroso-di-n-propylamine	0.0	50	46	47	92	94	2
1,2,4-Trichlorobenzene	0.0	50	53	48	106	96	10
Acenaphthene	0.0	50	50	47	100	94	6
Pyrene	0.0	50	50	46	100	92	8
Pentachlorophenol	0.0	100	92	88	92	88	4
4-Chloro-3-Methylphenol	0.0	100	87	78	87	78	11
2-Chlorophenol	0.0	100	82	78	82	78	5
Phenol	0.0	100	75	71	75	71	5

Definition of Terms :

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

ORANGE COAST ANALYTICAL

Mark Noorani

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Laboratory Director

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QC DATA REPORT

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

Date of Analysis : 06/24/97
Laboratory Sample No : 97060628
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	48	42	96	84	13

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.3	2.4	92	96	4

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060498
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	94	95	94	95	1

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 06/24/97
Laboratory Sample No : 97060594
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	50	51	100	102	2
1,1-Dichloroethene	0.0	50	49	48	98	96	2
Trichloroethene	0.0	50	53	56	106	112	6
Toluene	0.0	50	50	51	100	102	2
Chlorobenzene	0.0	50	46	49	92	98	6

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 06/30/97
Laboratory Sample No : 97060644
Laboratory Reference No : MWI 9256

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

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/24/97
Laboratory Sample No : 97060636
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	28.0	28.0	93	93	0
Arsenic	0.0	10.0	9.2	9.8	92	98	6
Barium	10.0	10.0	18.0	18.0	80	80	0
Beryllium	0.00	1.00	0.97	0.96	97	96	1
Cadmium	0.00	1.00	0.97	0.98	97	98	1
Chromium (Total)	2.2	5.0	6.8	6.9	92	94	1
Chromium (VI)	0.00	1.00	0.83	0.80	83	80	4
Cobalt	0.84	1.00	1.64	1.73	80	89	5
Copper	1.20	1.00	2.00	2.04	80	84	2
Lead	0.0	10.0	8.7	8.2	87	82	6
Mercury	0.000	0.020	0.018	0.018	90	90	0
Molybdenum	0.0	10.0	9.1	9.3	91	93	2
Nickel	1.00	5.00	5.50	5.60	90	92	2
Selenium	0.0	10.0	8.5	9.3	85	93	9
Silver	0.0	5.0	3.8	4.0	76	80	5
Thallium	0.0	30.0	26.0	26.0	87	87	0
Vanadium	2.7	5.0	7.0	7.2	86	90	3
Zinc	3.1	5.0	7.3	7.6	84	90	4

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/24/97
Laboratory Sample No : 97060538
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.50	2.50	83	83	0
Arsenic	0.00	1.00	0.83	0.80	83	80	4
Barium	0.000	0.100	0.097	0.097	97	97	0
Beryllium	0.00	0.100	0.103	0.095	103	95	8
Cadmium	0.00	0.100	0.105	0.112	105	112	6
Chromium (VI)	0.00	0.50	0.44	0.40	88	80	10
Chromium (Total)	0.00	0.100	0.105	0.117	105	117	11
Cobalt	0.00	0.100	0.089	0.100	89	100	12
Copper	0.000	0.100	0.095	0.109	95	109	14
Lead	0.00	1.00	0.91	0.80	91	80	13
Mercury	0.000	0.020	0.019	0.019	95	95	0
Molybdenum	0.00	1.00	0.84	0.80	84	80	5
Nickel	0.00	0.50	0.56	0.58	112	116	4
Selenium	0.00	1.00	0.80	0.84	80	84	5
Silver	0.00	0.50	0.46	0.41	92	82	11
Thallium	0.00	3.00	2.80	2.40	93	80	15
Vanadium	0.00	0.50	0.53	0.50	106	100	6
Zinc	0.000	0.100	0.089	0.087	89	87	2

Definition of Terms :

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

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.0	3.9	60	78	26

Definition of Terms :

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

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	82	70	82	70	16

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/26/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	17	100	85	16

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060433
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	150	140	60	56	7

Definition of Terms :

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/01/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

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

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

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 06/26/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	0.95	110	95	15

Definition of Terms :

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, RinsateBlank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/02/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/01/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

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

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060643

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/02/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060642

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Trip Blank
Laboratory Sample #: 97060644

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	100
4-Bromofluorobenzene	103

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

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

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060643

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	97
Toluene-d8	101
4-Bromofluorobenzene	98

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

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

Sample Description: ***Water, Trip Blank***
Laboratory Sample Number: 97060644
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

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

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060642

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	99
4-Bromofluorobenzene	102

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

CCR - METALS

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

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

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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: 97060642
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Volatile Fuel Hydrocarbons (ug/l) (ppb)
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	50

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

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Montgomery Watson
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250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

CCR - METALS

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

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

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/25/97
Reported: 07/02/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	0.5

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

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Montgomery Watson
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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/25/97
Reported: 07/02/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Extractable Hydrocarbons (mg/l)
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	0.5

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

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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97060640
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	Extractable Hydrocarbons (ppm)
Up to and including C-12	11
C 13-22	27
C 23 & Higher	28
Total	66

Detection Limit:	8.0

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzidine	92-87-5	500	N.D.
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	1,000
Benzo (b) fluoranthene	205-99-2	250	1,400
Benzo (k) fluoranthene	207-08-9	250	570
Benzo (g,h,i)perylene	191-24-2	250	960
Benzo (a) pyrene	50-32-8	250	1,300
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	1,200
Dibenz(a,h)anthracene	53-70-3	100	250
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

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

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97C60640

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	100	1,500
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	890
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	390
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	1,200
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Orange Coast Analytical

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-35-3	50	N.D.
1,2-Dichloroethene	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropene	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethane	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-22-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	N.D.
Dichlorofluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethane	156-59-4	50	N.D.
2,2-Dichloropropane	590-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
1,2-Dichloropropene	78-87-5	50	N.D.
Dibromomethane	74-95-3	50	N.D.
trans-1,3-Dichloropropane	10061-02-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97060640

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

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

Orange Coast Analytical

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Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	89
Toluene-d8	102
4-Bromofluorobenzene	92

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Volatile Fuel Hydrocarbons (mg/kg) (ppm)
97060640	WL-GS-5-4'	66

Detection Limit:	5.0

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	92
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	25
Cobalt	6010	80	8000	0.5	6.9
Copper	6010	25	2500	0.1	22
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	27
Zinc	6010	250	5000	0.1	40

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/24/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97060640	WL-GS-5-4'	260

Detection Limit:	8.0

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Extractable Hydrocarbons (mg/kg)
97060640	WL-GS-5-4'	N.D.

Detection Limit:	8.0

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

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Laboratory Director

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Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page _____ of 4

COMPANY: Montgomery Watson	PROJECT NAME: McDonnell Douglas
SEND REPORT TO: Fred Strauss	NUMBER: 1206035.01090010
ADDRESS: 250 N. Madison Ave. Pasadena, CA 91101	LOCATION: C-6 Facility - Bldg. 37 Area
	ADDRESS: 19503 S. Normandie Ave. Los Angeles, CA
PHONE: (818) 568-6582 FAX: (818) 796-5941	SAMPLED BY: AWN/IV

								TRPH 418.1	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080	Carbon Chain	Title 22 Metals	8015 gas	8015 diesel	REMARKS/PRECAUTIONS
B37-GS-165C-3'	2	6/11/97	0935	SOIL	3"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	~~X~~ NO	X	X	X	X	Rush TAT (24hr)
Equipment Blank	8 (5 amber 1 poly 2 vials)		1500	water	amber 1 poly 2 vials	none HNO3 HCl		X	X	X	X	X	~~X~~ NO	X	X	X	
Rinsate Blank	8 (5 amber 1 poly 1 vials)		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: Adam W. Voms Date/Time: 6/11/97 1525	Received By: Date/Time:	Reporting Format: (check) NORMAL _____ S.D. HMMD _____ RWQCB _____ OTHER _____
Relinquished By: Date/Time:	Received By: Date/Time:	
Relinquished By: Date/Time:	Received For Lab By: [illegible] Date/Time: 6/11/97 15:25	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-C6-0151262

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9190

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	4.3	3.5	86	70	21

Definition of Terms :

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

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/12/97
Laboratory Sample No : 97060101
Laboratory Reference No : MWI 9190

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

Definition of Terms :

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

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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

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QC DATA REPORT

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

Date of Analysis : 06/12/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9190

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	51	58	102	116	13
1,1-Dichloroethene	0.0	50	49	55	98	110	12
Trichloroethene	0.0	50	47	53	94	106	12
Toluene	0.0	50	50	57	100	114	13
Chlorobenzene	0.0	50	49	53	98	106	8

Definition of Terms :

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

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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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MARK NOORANI
Laboratory Director

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

QC DATA REPORT

Analysis : Metals

Date of Analysis : 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.

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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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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.

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

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

Laboratory Sample Number: 97060327
Laboratory Reference #: MWI 9190

PCB'S (EPA 8080)

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

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

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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.

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

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

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

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Trip Blank
Laboratory Sample #: 97060329

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	95
Toluene-d8	104
4-Bromofluorobenzene	102

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

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

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060327
Laboratory Reference #: MWI 9190

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9190

Sampled: 06/11/97
Recevied: 06/11/97
Analyzed: 6/16-17/1997
Reported: 06/20/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/l)*
97060327	Equip Blank	N.D.
97060328	Rinsate Blank	N.D.

Detection Limit:	0.5

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 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.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, 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.

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

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

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

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

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

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

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT ug/kg*	*SAMPLE RESULTS ug/kg*
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzidine	92-87-5	500	N.D.
Benzoic Acid	65-85-0	250	N.D.
Benzo(a)anthracene	56-55-3	100	N.D.
Benzo(b)fluoranthene	205-99-2	250	N.D.
nzo(k)fluoranthene	207-08-9	250	N.D.
zo(g,h,i)perylene	191-24-2	250	N.D.
o(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.
ethyl phthalate	131-11-3	100	N.D.
Dinitro-2-methylphenol	534-52-1	100	N.D.
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.

ORANGE COAST ANALYTICAL

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

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

Sample Description: Soil, WL-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.	
2,2-Dichloropropane	78-87-5	2.5	N.D.	
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.	
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.	
Ethylbenzene	100-41-4	2.5	N.D.	
Methylene chloride	75-09-2	5.0	N.D.	
Styrene	100-42-5	2.5	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.	
Tetrachloroethene	127-18-4	2.5	N.D.	
Toluene	108-88-3	2.5	N.D.	
1,1,1-Trichloroethane	71-55-6	2.5	N.D.	
1,1,2-Trichloroethane	79-00-5	2.5	N.D.	
Trichloroethene	79-01-6	2.5	N.D.	
Trichlorofluoromethane	75-69-4	5.0	N.D.	
Vinyl acetate	108-05-4	5.0	N.D.	
Vinyl chloride	75-01-4	2.5	N.D.	
Total Xylenes	1330-20-7	2.5	770	<---
Dichlorofluoromethane	75-71-8	2.5	N.D.	
cis-1,2-Dichloroethene	156-59-4	2.5	N.D.	
2,2-Dichloropropane	590-20-7	2.5	N.D.	
Bromochloromethane	74-97-5	2.5	N.D.	
1,1-Dichloropropene	563-58-6	2.5	N.D.	
1,2-Dichloropropane	78-87-5	2.5	N.D.	
Dibromomethane	74-95-3	2.5	N.D.	
trans-1,3-Dichloropropane	10061-02-6	2.5	N.D.	
1,1,2-Trichloroethane	79-00-5	2.5	N.D.	
1,2-Dibromoethane	106-93-4	2.5	N.D.	

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

Laboratory Sample Number: 97060326

Volatile Organics by GC/MS (EPA 8260)

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

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

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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.

ORANGE COAST ANALYTICAL

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Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, 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.

ORANGE COAST ANALYTICAL

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Laboratory Director

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

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

Analysis Method: 418.1

Sample Description: Soil

Laboratory Reference #: MWI 9190

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

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

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

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9190

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

DIESEL ANALYSIS (EPA 8015M)

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

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Anal[illegible] [illegible]equest and Chain o[illegible] Custody Record

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: 2V Ar TAT on Soil TRPH [illegible] Standard TAT Otherwise

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

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	Title 22 Metals	VOCs 8260	SVOCs 8270	TRPH 418.1	Diesel 8015	PCBs 8080	Pesticides 8080	Carbon Chain	Gasoline 8015	REMARKS/PRECAUTIONS
RR-GS-33-4'	2	6/5/97	0747	SOIL	2"x6" SS sleeve	ICE	X			X		X				
RR-GS-34-4'			0801				X	X	X	X	X	X		X	X	
RR-GS-35-4'			0813				X			X		X				
RR-GS-36-4'			0823				X			X		X				
RR-GS-37-4'			1031				X	X	X	X	X	X		X	X	
B37-GS-178C-3'			1130				X									
B37-GS-178D-3'			1140				X									
B37-GS-178E-3'			1250				X									
B37-GS-178F-3'			1305				X									
B37-GS-178G-3'			1315				X									
Equipment Blank	9		1415	Water	6 amber 1 Pt 2 Vans	Hand HNO3 HCl	X	X	X	X	X	X	X		X	
Rinsate Blank	9		1430				X	X	X	X	X	X	X		X	
Trip Blank	2		—		2 VOAs	HCl		X								

Total No. of Samples: 13

Method of Shipment: 2 coolers via Orange Coast Courier

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

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

Sample Integrity: (check)
Intact _____ on ice _____

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

ORANGE COAST ANALYTICAL, INC.
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QC DATA REPORT

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

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

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

Definition of Terms :

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

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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QC DATA REPORT

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

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

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

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

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

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

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

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

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

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

Definition of Terms :

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

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QC DATA REPORT

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

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

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

Definition of Terms :

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

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QC DATA REPORT

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

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

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

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

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

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

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

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

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

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

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

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

Definition of Terms :

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

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QC DATA REPORT

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

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

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

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

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

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

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

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

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

Definition of Terms :

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

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

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

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

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

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

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

Definition of Terms :

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

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

Laboratory Sample Number: 97060210
Laboratory Reference #: MWI 9166

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

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

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

Definition of Terms :

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

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

Laboratory Sample Number: 97060210
Laboratory Reference #: MWI 9166

PCB'S (EPA 8080)

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

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

Laboratory Sample Number: 97060209
Laboratory Reference #: MWI 9166

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

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

Laboratory Sample Number: 97060209
Laboratory Reference #: MWI 9166

PCB'S (EPA 8080)

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

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

ORANGE COAST ANALYTICAL

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

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

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

Orange Coast Analytical

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: 97060210
Laboratory Reference #: MWI 9166

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

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

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

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

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

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

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

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

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

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

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

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

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

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

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

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

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

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

Laboratory Sample Number: 97060210
Laboratory Reference #: MWI 9166

CCR - METALS

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

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

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9166

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

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

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

Detection Limit:	50

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

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

Laboratory Sample Number: 97060209
Laboratory Reference #: MWI 9166

CCR - METALS

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

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

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9166

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

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

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

Detection Limit:	0.5

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3510/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9166

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

DIESEL ANALYSIS (EPA 8015M)

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

Detection Limit:	0.5

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

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

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

Laboratory Sample Number: 97060203
Laboratory Reference #: MWI 9166

PCB'S (EPA 8080)

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

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

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

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

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

Detection Limit:	8.0

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/14/97
Laboratory Sample No : 97070089
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.10	3.00	103	100	3
Arsenic	0.00	1.00	0.98	1.02	98	102	4
Barium	0.000	0.100	0.100	0.092	100	92	8
Beryllium	0.00	0.100	0.102	0.099	102	99	3
Cadmium	0.00	0.100	0.103	0.107	103	107	4
Chromium (VI)	0.00	0.50	0.48	0.46	96	92	4
Chromium (Total)	0.00	0.100	0.096	0.099	96	99	3
Cobalt	0.00	0.100	0.096	0.110	96	110	14
Copper	0.000	0.100	0.104	0.102	104	102	2
Lead	0.00	1.00	0.99	1.09	99	109	10
Mercury	0.000	0.020	0.020	0.019	100	95	5
Molybdenum	0.00	1.00	1.09	1.04	109	104	5
Nickel	0.00	0.50	0.50	0.49	100	98	2
Selenium	0.00	1.00	1.11	1.04	111	104	7
Silver	0.00	0.50	0.50	0.51	100	102	2
Thallium	0.00	3.00	3.38	3.44	113	115	2
Vanadium	0.00	0.50	0.53	0.53	106	106	0
Zinc	0.000	0.100	0.080	0.085	80	85	6

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/07/97
Laboratory Sample No : 97070089
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	250	270	100	108	8

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/03/97
Laboratory Sample No : 97060750
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	48	44	96	88	9

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	21	21	105	105	0

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/03/97
Laboratory Sample No : 97060536
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	200	190	80	76	5

Definition of Terms :

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

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 07/03/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	90	85	90	85	6

Definition of Terms :

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

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 07/08/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	2.6	3.1	52	62	18

Definition of Terms :

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

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/09/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.88	0.95	88	95	8

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

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

Date of Analysis : 07/03/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9304

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	42	41	84	82	2
n-Nitroso-di-n-propylamine	0.0	50	44	43	88	86	2
1,2,4-Trichlorobenzene	0.0	50	43	42	86	84	2
Acenaphthene	0.0	50	44	43	88	86	2
Pyrene	0.0	50	41	40	82	80	2
Pentachlorophenol	0.0	100	65	64	65	64	2
4-Chloro-3-Methylphenol	0.0	100	69	65	69	65	6
2-Chlorophenol	0.0	100	73	73	73	73	0
Phenol	0.0	100	68	68	68	68	0

Definition of Terms :

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

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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QC DATA REPORT

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

Date of Analysis : 07/07/97
Laboratory Sample No : OCA100
Laboratory Reference No : MWI 9304

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	28	27	56	54	4
n-Nitroso-di-n-propylamine	0.0	50	44	46	88	92	4
1,2,4-Trichlorobenzene	0.0	50	30	30	60	60	0
Acenaphthene	0.0	50	41	40	82	80	2
Pyrene	0.0	50	42	41	84	82	2
Pentachlorophenol	0.0	100	58	62	58	62	7
4-Chloro-3-Methylphenol	0.0	100	56	61	56	61	9
2-Chlorophenol	0.0	100	71	72	71	72	1
Phenol	0.0	100	25	26	25	26	4

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/09/97
Laboratory Sample No : 97070091
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	19	100	95	5
1,1-Dichloroethene	0.0	20	21	19	105	95	10
Trichloroethene	0.0	20	19	18	95	90	5
Toluene	0.0	20	20	19	100	95	5
Chlorobenzene	0.0	20	20	18	100	90	11

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/07/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.1	2.1	84	84	0

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/03/97
Laboratory Sample No : 97070005
Laboratory Reference No : MWI 9304

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	99	101	99	101	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/07/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9304

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	54	54	108	108	0
1,1-Dichloroethene	0.0	50	56	53	112	106	6
Trichloroethene	0.0	50	51	53	102	106	4
Toluene	0.0	50	53	54	106	108	2
Chlorobenzene	0.0	50	51	52	102	104	2

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page _____

[redacted]

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Montgomery Watson	PROJECT NAME: McDonnell Douglas
SEND REPORT TO: Fred Strauss	NUMBER: 1206035.01090010
ADDRESS: 250 N Madison Ave. Pasadena CA 91101	LOCATION: C-6 facility
	ADDRESS: 19503 S Normandie Los Angeles CA
PHONE: (818)568 6582 FAX: (818)796-5941	SAMPLED BY: AWN/IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	PRESERVATIVE		TRPH 418.1	VOCs 8260	SVOCs 8270	Carbon Chain	Title 22 Metals	8015 gas	8015 diesel	PCBs 8080	Pesticides 8080	REMARKS/PRECAUTIONS
PL-GS-8-3.5'	2	7/2/97	0910	SOIL	2"x6" SS sleeve	ICE	X	X	X	X	X	X	X	X		48 hr. TAT
PL-GS-9-3.5'	2	↓	0945	↓	↓		X	X	X	X	X	X	X	X		48 hr. TAT
Equipment Blank	9	↓	1430	WATER	Sambers 1 poly 2 VOAs	HNO3 HCl	X	X	X		X	X	X	X	X	STANDARD TAT
Rinsate Blank	9	↓	1445	↓	↓	↓	X	X	X		X	X	X	X	X	STANDARD TAT
Trip Blank	2	↓		↓	2 VOAs	HCl		X								STANDARD TAT

Total No. of Samples: 5

Method of Shipment: Orange Coast Courier.

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/2/97 1545		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 7/2/97 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 disposal. A disposal fee may be imposed if client fails to pickup samples.

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/16/97
Reported: 07/16/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070220	OA1-RE1-SP1	2,100
97070221	OA1-RE1-SP2	1,000
97070226	OA1-RE1-SP7	3,100

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani

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Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP1

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070220
Laboratory Reference #: MWI 9338

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	100
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	80
Cobalt	6010	80	8000	0.5	7.4
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	190
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	11
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	33
Zinc	6010	250	5000	0.1	44

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP2

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070221
Laboratory Reference #: MWI 9338

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	87
Cobalt	6010	80	8000	0.5	7.3
Copper	6010	25	2500	0.1	14
Lead	6010	5.0	1000	1.0	220
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	34
Zinc	6010	250	5000	0.1	60

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

ORANGE COAST ANALYTICAL

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP7

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070226
Laboratory Reference #: MWI 9338

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	110
Cobalt	6010	80	8000	0.5	7.0
Copper	6010	25	2500	0.1	20
Lead	6010	5.0	1000	1.0	14
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	13
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	36
Zinc	6010	250	5000	0.1	65

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

ORANGE COAST ANALYTICAL

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

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

Sample Description: Soil, OA1-RE1-SP1
Laboratory Sample Number: 97070220
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/23/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	25	N.D.
Bromodichloromethane	75-27-4	25	N.D.
Bromoform	75-25-2	25	N.D.
Bromomethane	74-83-9	25	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	25	N.D.
Chlorobenzene	108-90-7	25	N.D.
Chlorodibromomethane	124-48-1	25	N.D.
Chloroethane	75-00-3	25	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	25	N.D.
Chloromethane	74-87-3	25	N.D.
1,1-Dichloroethane	75-34-3	25	N.D.
1,2-Dichloroethane	107-06-2	25	N.D.
1,1-Dichloroethene	75-35-4	25	N.D.
Trans 1,2-Dichloroethene	156-60-5	25	N.D.
1,2-Dichloropropane	78-87-5	25	N.D.
cis-1,3-Dichloropropene	10061-01-5	25	N.D.
trans-1,3-Dichloropropene	10061-02-6	25	N.D.
Ethylbenzene	100-41-4	25	N.D.
Methylene chloride	75-09-2	50	N.D.
Styrene	100-42-5	25	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	25	N.D.
Tetrachloroethene	127-18-4	25	N.D.
Toluene	108-88-3	25	N.D.
1,1,1-Trichloroethane	71-55-6	25	N.D.
1,1,2-Trichloroethane	79-00-5	25	N.D.
Trichloroethene	79-01-6	25	N.D.
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	50	N.D.
Vinyl chloride	75-01-4	25	N.D.
Total Xylenes	1330-20-7	25	N.D.
Dichlorodifluoromethane	75-71-8	25	N.D.
cis-1-2,-Dichloroethene	156-59-2	25	N.D.
2,2-Dichloropropane	594-20-7	25	N.D.
Bromochloromethane	74-97-5	25	N.D.
1,1-Dichloropropene	563-58-6	25	N.D.
Dibromomethane	74-95-3	25	N.D.
1,2-Dibromoethane	106-93-4	25	N.D.

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

Sample Description: Soil, OA1-RE1-SP1
Laboratory Sample #: 97070220

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	25	N.D.	
Isopropylbenzene	98-82-8	25	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	25	N.D.	
1,2,3-Trichloropropane	96-18-4	25	N.D.	
Bromobenzene	108-86-1	25	N.D.	
n-Propylbenzene	103-65-1	25	N.D.	
2-Chlorotoluene	95-49-8	25	N.D.	
1,3,5-Trimethylbenzene	108-67-8	25	130	<---
4-Chlorotoluene	106-43-4	25	N.D.	
tert-Butylbenzene	98-06-6	25	N.D.	
1,2,4-Trimethylbenzene	95-63-6	25	160	<---
sec-Butylbenzene	135-98-8	25	N.D.	
4-Isopropyltoluene	99-87-6	25	N.D.	
1,3-Dichlorobenzene	541-73-1	25	N.D.	
1,4-Dichlorobenzene	106-46-7	25	N.D.	
n-Butylbenzene	104-51-8	25	31	<---
1,2-Dichlorobenzene	95-50-1	25	N.D.	
1-2-Dibromo-3-CPA	96-12-8	50	N.D.	
1,2,4-Trichlorobenzene	120-82-1	25	N.D.	
Hexachlorobutadiene	87-68-3	25	N.D.	
Naphthalene	91-20-3	25	100	<---
1,2,3-Trichlorobenzene	87-61-6	25	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	97
Toluene-d8	98
4-Bromofluorobenzene	93

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

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

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/23/97
Reported: 07/23/97

Sample Description: Soil, OA1-RE1-SP2
Laboratory Sample Number: 97070221
Laboratory Reference #: MWI 9338

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	25	N.D.
Bromodichloromethane	75-27-4	25	N.D.
Bromoform	75-25-2	25	N.D.
Bromomethane	74-83-9	25	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	25	N.D.
Chlorobenzene	108-90-7	25	N.D.
Chlorodibromomethane	124-48-1	25	N.D.
Chloroethane	75-00-3	25	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	25	N.D.
Chloromethane	74-87-3	25	N.D.
1,1-Dichloroethane	75-34-3	25	N.D.
1,2-Dichloroethane	107-06-2	25	N.D.
1,1-Dichloroethene	75-35-4	25	N.D.
Trans 1,2-Dichloroethene	156-60-5	25	N.D.
1,2-Dichloropropane	78-87-5	25	N.D.
cis-1,3-Dichloropropene	10061-01-5	25	N.D.
trans-1,3-Dichloropropene	10061-02-6	25	N.D.
Ethylbenzene	100-41-4	25	N.D.
Methylene chloride	75-09-2	50	N.D.
Styrene	100-42-5	25	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	25	N.D.
Tetrachloroethene	127-18-4	25	N.D.
Toluene	108-88-3	25	N.D.
1,1,1-Trichloroethane	71-55-6	25	N.D.
1,1,2-Trichloroethane	79-00-5	25	N.D.
Trichloroethene	79-01-6	25	N.D.
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	50	N.D.
Vinyl chloride	75-01-4	25	N.D.
Total Xylenes	1330-20-7	25	N.D.
Dichlorodifluoromethane	75-71-8	25	N.D.
cis-1-2,-Dichloroethene	156-59-2	25	N.D.
2,2-Dichloropropane	594-20-7	25	N.D.
Bromochloromethane	74-97-5	25	N.D.
1,1-Dichloropropene	563-58-6	25	N.D.
Dibromomethane	74-95-3	25	N.D.
1,2-Dibromoethane	106-93-4	25	N.D.

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

Sample Description: Soil, OA1-RE1-SP2
Laboratory Sample #: 97070221

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	25	N.D.	
Isopropylbenzene	98-82-8	25	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	25	N.D.	
1,2,3-Trichloropropane	96-18-4	25	N.D.	
Bromobenzene	108-86-1	25	N.D.	
n-Propylbenzene	103-65-1	25	N.D.	
2-Chlorotoluene	95-49-8	25	N.D.	
1,3,5-Trimethylbenzene	108-67-8	25	44	<---
4-Chlorotoluene	106-43-4	25	N.D.	
tert-Butylbenzene	98-06-6	25	N.D.	
1,2,4-Trimethylbenzene	95-63-6	25	110	<---
sec-Butylbenzene	135-98-8	25	N.D.	
4-Isopropyltoluene	99-87-6	25	N.D.	
1,3-Dichlorobenzene	541-73-1	25	N.D.	
1,4-Dichlorobenzene	106-46-7	25	N.D.	
n-Butylbenzene	104-51-8	25	40	<---
1,2-Dichlorobenzene	95-50-1	25	N.D.	
1-2-Dibromo-3-CPA	96-12-8	50	N.D.	
1,2,4-Trichlorobenzene	120-82-1	25	N.D.	
Hexachlorobutadiene	87-68-3	25	N.D.	
Naphthalene	91-20-3	25	1,000	<---
1,2,3-Trichlorobenzene	87-61-6	25	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	99
Toluene-d8	94
4-Bromofluorobenzene	97

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

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

Sample Description: Soil, OA1-RE1-SP7
Laboratory Sample Number: 97070226
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Benzene	71-43-2	400	N.D.	
Bromodichloromethane	75-27-4	400	N.D.	
Bromoform	75-25-2	400	N.D.	
Bromomethane	74-83-9	400	N.D.	
Carbon Disulfide	75-15-0	800	N.D.	
Carbon tetrachloride	56-23-5	400	N.D.	
Chlorobenzene	108-90-7	400	N.D.	
Chlorodibromomethane	124-48-1	400	N.D.	
Chloroethane	75-00-3	400	N.D.	
2-Chloroethyl vinyl ether	110-75-8	800	N.D.	
Chloroform	67-66-3	400	N.D.	
Chloromethane	74-87-3	400	N.D.	
1,1-Dichloroethane	75-34-3	400	N.D.	
1,2-Dichloroethane	107-06-2	400	N.D.	
1,1-Dichloroethene	75-35-4	400	N.D.	
Trans 1,2-Dichloroethene	156-60-5	400	N.D.	
1,2-Dichloropropane	78-87-5	400	N.D.	
cis-1,3-Dichloropropene	10061-01-5	400	N.D.	
trans-1,3-Dichloropropene	10061-02-6	400	N.D.	
Ethylbenzene	100-41-4	400	1,700	<---
Methylene chloride	75-09-2	800	N.D.	
Styrene	100-42-5	400	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	400	N.D.	
Tetrachloroethene	127-18-4	400	N.D.	
Toluene	108-88-3	400	N.D.	
1,1,1-Trichloroethane	71-55-6	400	N.D.	
1,1,2-Trichloroethane	79-00-5	400	N.D.	
Trichloroethene	79-01-6	400	N.D.	
Trichlorofluoromethane	75-69-4	800	N.D.	
Vinyl acetate	108-05-4	800	N.D.	
Vinyl chloride	75-01-4	400	N.D.	
Total Xylenes	1330-20-7	400	13,000	<---
Dichlorodifluoromethane	75-71-8	400	N.D.	
cis-1-2,-Dichloroethene	156-59-2	400	N.D.	
2,2-Dichloropropane	594-20-7	400	N.D.	
Bromochloromethane	74-97-5	400	N.D.	
1,1-Dichloropropene	563-58-6	400	N.D.	
Dibromomethane	74-95-3	400	N.D.	
1,2-Dibromoethane	106-93-4	400	N.D.	

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

Sample Description: Soil, OA1-RE1-SP7
Laboratory Sample #: 97070226

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	400	N.D.	
Isopropylbenzene	98-82-8	400	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	400	N.D.	
1,2,3-Trichloropropane	96-18-4	400	N.D.	
Bromobenzene	108-86-1	400	N.D.	
n-Propylbenzene	103-65-1	400	920	<---
2-Chlorotoluene	95-49-8	400	N.D.	
1,3,5-Trimethylbenzene	108-67-8	400	9,600	<---
4-Chlorotoluene	106-43-4	400	N.D.	
tert-Butylbenzene	98-06-6	400	N.D.	
1,2,4-Trimethylbenzene	95-63-6	400	23,000	<---
sec-Butylbenzene	135-98-8	400	N.D.	
4-Isopropyltoluene	99-87-6	400	N.D.	
1,3-Dichlorobenzene	541-73-1	400	N.D.	
1,4-Dichlorobenzene	106-46-7	400	N.D.	
n-Butylbenzene	104-51-8	400	1,100	<---
1,2-Dichlorobenzene	95-50-1	400	N.D.	
1-2-Dibromo-3-CPA	96-12-8	800	N.D.	
1,2,4-Trichlorobenzene	120-82-1	400	N.D.	
Hexachlorobutadiene	87-68-3	400	N.D.	
Naphthalene	91-20-3	400	64,000	<----
1,2,3-Trichlorobenzene	87-61-6	400	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	97
4-Bromofluorobenzene	93

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

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

Sample Description: Soil, OA1-RE1-SP1
Laboratory Sample Number: 97070220
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/17/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2000	2,900
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	1,700
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	72,000
Benzo (b) fluoranthene	205-99-2	5000	76,000
Benzo (k) fluoranthene	207-08-9	5000	33,000
Benzo (g,h,i)perylene	191-24-2	5000	28,000
Benzo (a) pyrene	50-32-8	5000	40,000
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	200,000
Dibenz(a,h)anthracene	53-70-3	2000	9,700
Dibenzofuran	132-64-9	2000	N.D.
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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

Sample Description: Soil, OA1-RE1-SP1
Laboratory Sample #: 97070220

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	180,000
Fluorene	86-73-7	5000	11,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	19,000
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	85,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	18,000
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	95,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	220,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, OA1-RE1-SP2
Laboratory Sample Number: 97070221
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	200	620
Acenaphthylene	208-96-8	200	N.D.
Aniline	62-53-3	200	N.D.
Anthracene	120-12-7	200	1,800
Benzoic Acid	65-85-0	1000	N.D.
Benzo (a) anthracene	56-55-3	200	5,100
Benzo (b) fluoranthene	205-99-2	500	6,200
Benzo (k) fluoranthene	207-08-9	500	2,200
Benzo (g,h,i)perylene	191-24-2	500	3,000
Benzo (a) pyrene	50-32-8	500	3,700
Benzyl alcohol	100-51-6	200	N.D.
Bis(2-chloroethoxy)methane	111-91-1	200	N.D.
Bis(2-chloroethyl)ether	111-44-4	200	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	200	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	200	N.D.
4-Bromophenyl phenyl ether	101-55-3	200	N.D.
Butyl benzyl phthalate	85-68-7	200	N.D.
4-Chloroaniline	106-47-8	200	N.D.
2-Chloronaphthalene	91-58-7	200	N.D.
4-Chloro-3-methylphenol	59-50-7	200	N.D.
2-Chlorophenol	95-57-8	200	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	200	N.D.
Chrysene	218-0109	200	9,900
Dibenz(a,h)anthracene	53-70-3	200	1,000
Dibenzofuran	132-64-9	200	N.D.
Di-N-butyl phthalate	84-74-2	500	N.D.
1,3-Dichlorobenzene	541-73-1	200	N.D.
1,4-Dichlorobenzene	106-46-7	200	N.D.
1,2-Dichlorobenzene	95-50-1	200	N.D.
3,3-Dichlorobenzidine	91-94-1	200	N.D.
2,4-Dichlorophenol	120-83-2	200	N.D.
Diethyl phthalate	84-66-2	200	N.D.
2,4-Dimethylphenol	105-67-9	200	N.D.
Dimethyl phthalate	131-11-3	200	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	200	N.D.
2,4-Dinitrophenol	51-28-5	200	N.D.
2,4-Dinitrotoluene	121-14-2	200	N.D.
2,6-Dinitrotoluene	606-20-2	200	N.D.
Di-N-octyl phthalate	117-84-0	200	N.D.

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

Sample Description: Soil, OA1-RE1-SP2
Laboratory Sample #: 97070221

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	500	9,900
Fluorene	86-73-7	500	1,700
Hexachlorobenzene	118-74-1	500	N.D.
Hexachlorobutadiene	87-68-3	200	N.D.
Hexachlorocyclopentadiene	77-47-4	200	N.D.
Hexachloroethane	67-72-1	200	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	500	1,900
Isophorone	78-59-1	200	N.D.
2-Methylnaphthalene	91-57-6	200	8,600
2-Methylphenol	95-48-7	200	N.D.
4-Methylphenol	106-44-5	200	N.D.
Naphthalene	91-20-3	200	1,000
2-Nitroaniline	88-74-4	500	N.D.
3-Nitroaniline	99-09-2	500	N.D.
4-Nitroaniline	100-01-6	500	N.D.
Nitrobenzene	98-95-3	200	N.D.
2-Nitrophenol	88-75-5	200	N.D.
4-Nitrophenol	100-02-7	200	N.D.
N-Nitrosodiphenylamine	86-30-6	200	N.D.
N-Nitroso-di-N-propylamine	621-64-7	200	N.D.
N-Nitrosodimethylamine	62-75-9	200	N.D.
Pentachlorophenol	87-86-5	500	N.D.
Phenanthrene	85-01-8	200	12,000
Phenol	108-95-2	200	N.D.
Pyrene	129-00-0	200	20,000
1,2,4-Trichlorobenzene	120-82-1	200	N.D.
2,4,5-Trichlorophenol	95-95-4	200	N.D.
2,4,6-Trichlorophenol	88-06-2	200	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, OA1-RE1-SP7
Laboratory Sample Number: 97070226
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/17/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2000	3,500
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	7,500
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	14,000
Benzo (b) fluoranthene	205-99-2	5000	12,000
Benzo (k) fluoranthene	207-08-9	5000	N.D.
Benzo (g,h,i)perylene	191-24-2	5000	10,000
Benzo (a) pyrene	50-32-8	5000	N.D.
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	31,000
Dibenz(a,h)anthracene	53-70-3	2000	N.D.
Dibenzofuran	132-64-9	2000	N.D.
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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

Sample Description: Soil, OA1-RE1-SP7
Laboratory Sample #: 97070226

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	18,000
Fluorene	86-73-7	5000	10,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	N.D.
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	160,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	41,000
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	59,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	55,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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: Water

Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070228	Equip Blank	N.D.
97070229	Rinsate Blank	N.D.

Detection Limit:	0.5

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

CCR - METALS

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

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

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Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/15/97
Recevied: 07/15/97
Analyzed: 07/16/97
Reported: 07/23/97

Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

CCR - METALS

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

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070228

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	90
Toluene-d8	101
4-Bromofluorobenzene	94

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070229

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	89
Toluene-d8	100
4-Bromofluorobenzene	94

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070230
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070230

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	88
Toluene-d8	99
4-Bromofluorobenzene	92

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

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

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070228

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

Orange Coast Analytical

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Rinstate Blank
Laboratory Sample #: 97070229

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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Montgomery Watson
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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/15/97
Received: 07/15/97
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Reported: 07/23/97

Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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Montgomery Watson
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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070228
Laboratory Reference #: MWI 9338

PCB'S (EPA 8080)

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070229
Laboratory Reference #: MWI 9338

PCB'S (EPA 8080)

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

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/16/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9338

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	101	101	101	101	0

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9338

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.0	2.3	80	92	14

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/16/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9338

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	31.0	29.0	103	97	7
Arsenic	0.0	10.0	8.1	8.5	81	85	5
Barium	8.0	10.0	20.0	19.8	120	118	1
Beryllium	0.00	1.00	1.20	1.05	120	105	13
Cadmium	0.00	1.00	1.06	1.03	106	103	3
Chromium (Total)	1.80	5.00	7.20	7.10	108	106	1
Chromium (VI)	0.00	1.00	0.98	0.94	98	94	4
Cobalt	0.59	1.00	1.62	1.50	103	91	8
Copper	0.99	1.00	2.13	2.04	114	105	4
Lead	0.00	10.0	9.2	9.6	92	96	4
Mercury	0.000	0.020	0.016	0.017	80	85	6
Molybdenum	0.0	10.0	9.5	9.5	95	95	0
Nickel	0.69	5.00	5.8	5.6	102	98	4
Selenium	0.0	10.0	9.8	10.9	98	109	11
Silver	0.0	5.0	4.1	4.3	82	86	5
Thallium	0.0	30.0	25.0	23.0	83	77	8
Vanadium	2.5	5.0	8.0	8.0	110	110	0
Zinc	2.6	5.0	7.6	7.4	100	96	3

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/16/97
Laboratory Sample No : 97070229
Laboratory Reference No : MWI 9338

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.10	3.20	103	107	3
Arsenic	0.00	1.00	1.08	1.15	108	115	6
Barium	0.000	0.100	0.109	0.102	109	102	7
Beryllium	0.00	0.100	0.106	0.108	106	108	2
Cadmium	0.00	0.100	0.116	0.116	116	116	0
Chromium (VI)	0.00	0.50	0.44	0.49	88	98	11
Chromium (Total)	0.00	0.100	0.102	0.109	102	109	7
Cobalt	0.00	0.100	0.094	0.108	94	108	14
Copper	0.000	0.100	0.107	0.106	107	106	1
Lead	0.00	1.00	0.95	1.03	95	103	8
Mercury	0.000	0.020	0.019	0.020	95	100	5
Molybdenum	0.00	1.00	0.98	1.03	98	103	5
Nickel	0.00	0.50	0.49	0.51	98	102	4
Selenium	0.00	1.00	1.17	1.08	117	108	8
Silver	0.00	0.50	0.50	0.50	100	100	0
Thallium	0.00	3.00	3.20	3.40	107	113	6
Vanadium	0.00	0.50	0.55	0.54	110	108	2
Zinc	0.000	0.100	0.107	0.108	107	108	1

Definition of Terms :

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

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 : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 07/16/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	53	54	106	108	2
1,1-Dichloroethene	0.0	50	51	49	102	98	4
Trichloroethene	0.0	50	50	49	100	98	2
Toluene	0.0	50	52	54	104	108	4
Chlorobenzene	0.0	50	48	49	96	98	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/17/97
Laboratory Sample No : 97070137
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	47	46	94	92	2
1,1-Dichloroethene	0.0	50	44	44	88	88	0
Trichloroethene	0.0	50	44	45	88	90	2
Toluene	2.3	50	44	46	83	87	4
Chlorobenzene	0.0	50	45	46	90	92	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/18/97
Laboratory Sample No : 97070269
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	18	17	90	85	6
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	19	18	95	90	5

Definition of Terms :

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

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	1.2	110	120	9

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9338

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	15	100	75	29

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/16/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9338

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	47	46	94	92	2
n-Nitroso-di-n-propylamine	0.0	50	48	48	96	96	0
1,2,4-Trichlorobenzene	0.0	50	46	46	92	92	0
Acenaphthene	0.0	50	49	49	98	98	0
Pyrene	0.0	50	48	47	96	94	2
Pentachlorophenol	0.0	100	81	88	81	88	8
4-Chloro-3-Methylphenol	0.0	100	74	77	74	77	4
2-Chlorophenol	0.0	100	78	78	78	78	0
Phenol	0.0	100	72	73	72	73	1

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/16/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9338

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	35	72	70	3
n-Nitroso-di-n-propylamine	0.0	50	44	44	88	88	0
1,2,4-Trichlorobenzene	0.0	50	38	37	76	74	3
Acenaphthene	0.0	50	47	46	94	92	2
Pyrene	0.0	50	46	46	92	92	0
Pentachlorophenol	0.0	100	79	77	79	77	3
4-Chloro-3-Methylphenol	0.0	100	72	69	72	69	4
2-Chlorophenol	0.0	100	75	73	75	73	3
Phenol	0.0	100	25	23	25	23	8

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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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: 24 hr TAT on TRPH (Soils only) Standard TAT otherwise

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Montgomery Watson	PROJECT NAME: McDonnell Douglas
SEND REPORT TO: Fred Strauss	NUMBER: 1206035.01090010
ADDRESS: 250 N Madison Ave	LOCATION: C-6 facility
Pasadena CA 91101	ADDRESS: 19503 S Normandie
	Los Angeles, CA
PHONE: (818) 568-6582 FAX: (818) 796-5991	SAMPLED BY: AN / IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-RE1-SP1	2	7/15/97	1030	Soil	8"x2" SS Sleeve	Ice	X	X	X	X					
OA1-RE1-SP2	2		1120				X	X	X	X					
OA1-RE1-SP3	2		1320				X	X	X	X					
OA1-RE1-SP4	2		1340				X	X	X	X					
OA1-RE1-SP5	2		1420				X	X	X	X					
OA1-RE1-SP6	2		1500				X	X	X	X					
OA1-RE1-SP7	2		1515				X	X	X	X					
OA1-RE1-SP8	2		1530				X	X	X	X					
Equipment Blank	7		1500	Water	Amber 1 poly 2 VOAs	none HNO3 HCL	X	X	X	X	X	X			
Rinsate Blank	7		1530				X	X	X	X	X	X			
Trip Blank	2		—		2 VOAs	HCL			X						

Total No. of Samples: 11

Method of Shipment: 2 coolers via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/15/97 1600		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[signature]	7/15/97 16:00

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

Sample Integrity: (check)
intact _____ on ice _____

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

BOE-C6-0151403

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9338A

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 08/04/97
Reported: 08/04/97

STLC CHROMIUM (TITLE 22/EPA 6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070220	OA1-RE1-SP1	0.27
97070221	OA1-RE1-SP2	1.8
97070226	OA1-RE1-SP7	0.56
Detection Limit:		0.1

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

ORANGE COAST ANALYTICAL

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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 9338A

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 08/04/97
Reported: 08/04/97

TCLP CHROMIUM (EPA 1311/6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070220	OA1-RE1-SP1	N.D.
97070221	OA1-RE1-SP2	0.13
97070226	OA1-RE1-SP7	N.D.
Detection Limit:		0.1

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

ORANGE COAST ANALYTICAL

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Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9338A

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 08/04/97
Reported: 08/04/97

STLC LEAD (TITLE 22/EPA 6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070220	OA1-RE1-SP1	N.D.
97070221	OA1-RE1-SP2	4.5
Detection Limit:		1.0

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

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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 9338A

Sampled: 07/15/97
Received: 07/15/97
Analyzed: 08/04/97
Reported: 08/04/97

TCLP LEAD (EPA 1311/6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97070220	OA1-RE1-SP1	N.D.
97070221	OA1-RE1-SP2	N.D.
Detection Limit:		1.0

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : STLC (EPA 6010)

Date of Analysis : 08/04/97
Laboratory Sample No : 97070265
Laboratory Reference No : MWI 9338A

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Chromium	2.3	2.0	4.4	4.2	105	95	5
Lead	6.0	10.0	15.0	15.4	90	94	3

Definition of Terms :

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

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QC DATA REPORT

Analysis : TCLP (EPA 6010)

Date of Analysis : 08/04/97
Laboratory Sample No : 97070221
Laboratory Reference No : MWI 9338A

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Chromium	0.13	1.00	1.08	1.18	95	105	9
Lead	0.0	10	9.0	10	90	100	11

Definition of Terms :

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/17/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070242	OA1-RE1-SP9	700
97070243	OA1-RE1-SP10	13,000
97070244	OA1-RE2-SP1A	8,300
97070245	OA1-RE2-SP1B	83
97070247	OA1-RE2-SP3	240
Detection Limit:		8.0

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP9

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070242
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	31
Cobalt	6010	80	8000	0.5	8.3
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	13
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	36
Zinc	6010	250	5000	0.1	45

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP10

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070243
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	95
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	38
Cobalt	6010	80	8000	0.5	6.6
Copper	6010	25	2500	0.1	11
Lead	6010	5.0	1000	1.0	21
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	11
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	28
Zinc	6010	250	5000	0.1	41

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP1A

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070244
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	81
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	43
Cobalt	6010	80	8000	0.5	5.9
Copper	6010	25	2500	0.1	9.6
Lead	6010	5.0	1000	1.0	4.2
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	8.6
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	25
Zinc	6010	250	5000	0.1	29

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

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Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP1B

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070245
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	29
Cobalt	6010	80	8000	0.5	8.1
Copper	6010	25	2500	0.1	11
Lead	6010	5.0	1000	1.0	5.0
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	14
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	27
Zinc	6010	250	5000	0.1	48

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

ORANGE COAST ANALYTICAL

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP3

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070247
Laboratory Reference #: MWI 9344

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	77
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	21
Cobalt	6010	80	8000	0.5	6.1
Copper	6010	25	2500	0.1	9.5
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	7.5
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	25
Zinc	6010	250	5000	0.1	28

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, OA1-RE1-SP9
Laboratory Sample Number: 97070242
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	25	N.D.
Bromodichloromethane	75-27-4	25	N.D.
Bromoform	75-25-2	25	N.D.
Bromomethane	74-83-9	25	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	25	N.D.
Chlorobenzene	108-90-7	25	N.D.
Chlorodibromomethane	124-48-1	25	N.D.
Chloroethane	75-00-3	25	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	25	N.D.
Chloromethane	74-87-3	25	N.D.
1,1-Dichloroethane	75-34-3	25	N.D.
1,2-Dichloroethane	107-06-2	25	N.D.
1,1-Dichloroethene	75-35-4	25	N.D.
Trans 1,2-Dichloroethene	156-60-5	25	N.D.
1,2-Dichloropropane	78-87-5	25	N.D.
cis-1,3-Dichloropropene	10061-01-5	25	N.D.
trans-1,3-Dichloropropene	10061-02-6	25	N.D.
Ethylbenzene	100-41-4	25	N.D.
Methylene chloride	75-09-2	50	N.D.
Styrene	100-42-5	25	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	25	N.D.
Tetrachloroethene	127-18-4	25	N.D.
Toluene	108-88-3	25	N.D.
1,1,1-Trichloroethane	71-55-6	25	N.D.
1,1,2-Trichloroethane	79-00-5	25	N.D.
Trichloroethene	79-01-6	25	N.D.
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	50	N.D.
Vinyl chloride	75-01-4	25	N.D.
Total Xylenes	1330-20-7	25	N.D.
Dichlorodifluoromethane	75-71-8	25	N.D.
cis-1-2,-Dichloroethene	156-59-2	25	N.D.
2,2-Dichloropropane	594-20-7	25	N.D.
Bromochloromethane	74-97-5	25	N.D.
1,1-Dichloropropene	563-58-6	25	N.D.
Dibromomethane	74-95-3	25	N.D.
1,2-Dibromoethane	106-93-4	25	N.D.

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

Sample Description: Soil, OA1-RE1-SP9
Laboratory Sample #: 97070242

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	25	N.D.	
Isopropylbenzene	98-82-8	25	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	25	N.D.	
1,2,3-Trichloropropane	96-18-4	25	N.D.	
Bromobenzene	108-86-1	25	N.D.	
n-Propylbenzene	103-65-1	25	63	<---
2-Chlorotoluene	95-49-8	25	N.D.	
1,3,5-Trimethylbenzene	108-67-8	25	N.D.	
4-Chlorotoluene	106-43-4	25	N.D.	
tert-Butylbenzene	98-06-6	25	N.D.	
1,2,4-Trimethylbenzene	95-63-6	25	110	<---
sec-Butylbenzene	135-98-8	25	N.D.	
4-Isopropyltoluene	99-87-6	25	N.D.	
1,3-Dichlorobenzene	541-73-1	25	N.D.	
1,4-Dichlorobenzene	106-46-7	25	N.D.	
n-Butylbenzene	104-51-8	25	110	<---
1,2-Dichlorobenzene	95-50-1	25	N.D.	
1-2-Dibromo-3-CPA	96-12-8	50	N.D.	
1,2,4-Trichlorobenzene	120-82-1	25	N.D.	
Hexachlorobutadiene	87-68-3	25	N.D.	
Naphthalene	91-20-3	25	4,300	<---
1,2,3-Trichlorobenzene	87-61-6	25	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	91
Toluene-d8	98
4-Bromofluorobenzene	93

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

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

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample Number: 97070243
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	N.D.
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethene	156-59-2	50	N.D.
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample #: 97070243

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
1,3-Dichloropropane	142-28-9	50	N.D.	
Isopropylbenzene	98-82-8	50	N.D.	
1.1.2.2-Tetrachloroethane	79-34-5	50	N.D.	
1,2,3-Trichloropropane	96-18-4	50	N.D.	
Bromobenzene	108-86-1	50	N.D.	
n-Propylbenzene	103-65-1	50	N.D.	
2-Chlorotoluene	95-49-8	50	N.D.	
1,3,5-Trimethylbenzene	108-67-8	50	110	<---
4-Chlorotoluene	106-43-4	50	N.D.	
tert-Butylbenzene	98-06-6	50	N.D.	
1,2,4-Trimethylbenzene	95-63-6	50	N.D.	
sec-Butylbenzene	135-98-8	50	N.D.	
4-Isopropyltoluene	99-87-6	50	N.D.	
1,3-Dichlorobenzene	541-73-1	50	N.D.	
1,4-Dichlorobenzene	106-46-7	50	N.D.	
n-Butylbenzene	104-51-8	50	N.D.	
1,2-Dichlorobenzene	95-50-1	50	N.D.	
1-2-Dibromo-3-CPA	96-12-8	100	N.D.	
1,2,4-Trichlorobenzene	120-82-1	50	N.D.	
Hexachlorobutadiene	87-68-3	50	N.D.	
Naphthalene	91-20-3	50	860	<---
1,2,3-Trichlorobenzene	87-61-6	50	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	99
4-Bromofluorobenzene	94

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

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

Sample Description: Soil, OA1-RE2-SP1A
Laboratory Sample Number: 97070244
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Benzene	71-43-2	500	N.D.	
Bromodichloromethane	75-27-4	500	N.D.	
Bromoform	75-25-2	500	N.D.	
Bromomethane	74-83-9	500	N.D.	
Carbon Disulfide	75-15-0	1000	N.D.	
Carbon tetrachloride	56-23-5	500	N.D.	
Chlorobenzene	108-90-7	500	N.D.	
Chlorodibromomethane	124-48-1	500	N.D.	
Chloroethane	75-00-3	500	N.D.	
2-Chloroethyl vinyl ether	110-75-8	1000	N.D.	
Chloroform	67-66-3	500	N.D.	
Chloromethane	74-87-3	500	N.D.	
1,1-Dichloroethane	75-34-3	500	N.D.	
1,2-Dichloroethane	107-06-2	500	N.D.	
1,1-Dichloroethene	75-35-4	500	N.D.	
Trans 1,2-Dichloroethene	156-60-5	500	N.D.	
1,2-Dichloropropane	78-87-5	500	N.D.	
cis-1,3-Dichloropropene	10061-01-5	500	N.D.	
trans-1,3-Dichloropropene	10061-02-6	500	N.D.	
Ethylbenzene	100-41-4	500	2,500	<---
Methylene chloride	75-09-2	1000	N.D.	
Styrene	100-42-5	500	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	500	N.D.	
Tetrachloroethene	127-18-4	500	N.D.	
Toluene	108-88-3	500	N.D.	
1,1,1-Trichloroethane	71-55-6	500	N.D.	
1,1,2-Trichloroethane	79-00-5	500	N.D.	
Trichloroethene	79-01-6	500	N.D.	
Trichlorofluoromethane	75-69-4	1000	N.D.	
Vinyl acetate	108-05-4	1000	N.D.	
Vinyl chloride	75-01-4	500	N.D.	
Total Xylenes	1330-20-7	500	4,200	<---
Dichlorodifluoromethane	75-71-8	500	N.D.	
cis-1-2,-Dichloroethene	156-59-2	500	N.D.	
2,2-Dichloropropane	594-20-7	500	N.D.	
Bromochloromethane	74-97-5	500	N.D.	
1,1-Dichloropropene	563-58-6	500	N.D.	
Dibromomethane	74-95-3	500	N.D.	
1,2-Dibromoethane	106-93-4	500	N.D.	

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

Sample Description: Soil, OA1-RE2-SP1A
Laboratory Sample #: 97070244

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	500	N.D.
Isopropylbenzene	98-82-8	500	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	500	N.D.
1,2,3-Trichloropropane	96-18-4	500	N.D.
Bromobenzene	108-86-1	500	N.D.
n-Propylbenzene	103-65-1	500	1,600 <---
2-Chlorotoluene	95-49-8	500	N.D.
1,3,5-Trimethylbenzene	108-67-8	500	580 <---
4-Chlorotoluene	106-43-4	500	N.D.
tert-Butylbenzene	98-06-6	500	N.D.
1,2,4-Trimethylbenzene	95-63-6	500	36,000 <---
sec-Butylbenzene	135-98-8	500	N.D.
4-Isopropyltoluene	99-87-6	500	N.D.
1,3-Dichlorobenzene	541-73-1	500	N.D.
1,4-Dichlorobenzene	106-46-7	500	N.D.
n-Butylbenzene	104-51-8	500	2,700 <---
1,2-Dichlorobenzene	95-50-1	500	N.D.
1-2-Dibromo-3-CPA	96-12-8	1000	N.D.
1,2,4-Trichlorobenzene	120-82-1	500	N.D.
Hexachlorobutadiene	87-68-3	500	N.D.
Naphthalene	91-20-3	500	110,000 <---
1,2,3-Trichlorobenzene	87-61-6	500	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	89
Toluene-d8	96
4-Bromofluorobenzene	96

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP1B
Laboratory Sample Number: 97070245
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	2.5	N.D.
Bromodichloromethane	75-27-4	2.5	N.D.
Bromoform	75-25-2	2.5	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	N.D.
Carbon tetrachloride	56-23-5	2.5	N.D.
Chlorobenzene	108-90-7	2.5	N.D.
Chlorodibromomethane	124-48-1	2.5	N.D.
Chloroethane	75-00-3	2.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
Chloromethane	74-87-3	2.5	N.D.
1,1-Dichloroethane	75-34-3	2.5	N.D.
1,2-Dichloroethane	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.
1,2-Dichloropropane	78-87-5	2.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.
Ethylbenzene	100-41-4	2.5	N.D.
Methylene chloride	75-09-2	5.0	N.D.
Styrene	100-42-5	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
Tetrachloroethene	127-18-4	2.5	N.D.
Toluene	108-88-3	2.5	N.D.
1,1,1-Trichloroethane	71-55-6	2.5	N.D.
1,1,2-Trichloroethane	79-00-5	2.5	N.D.
Trichloroethene	79-01-6	2.5	N.D.
Trichlorofluoromethane	75-69-4	5.0	N.D.
Vinyl acetate	108-05-4	5.0	N.D.
Vinyl chloride	75-01-4	2.5	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorodifluoromethane	75-71-8	2.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	2.5	N.D.
2,2-Dichloropropane	594-20-7	2.5	N.D.
Bromochloromethane	74-97-5	2.5	N.D.
1,1-Dichloropropene	563-58-6	2.5	N.D.
Dibromomethane	74-95-3	2.5	N.D.
1,2-Dibromoethane	106-93-4	2.5	N.D.

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

Sample Description: Soil, OA1-RE2-SP1B
Laboratory Sample #: 97070245

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	2.5	N.D.
Isopropylbenzene	98-82-8	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
1,2,3-Trichloropropane	96-18-4	2.5	N.D.
Bromobenzene	108-86-1	2.5	N.D.
n-Propylbenzene	103-65-1	2.5	N.D.
2-Chlorotoluene	95-49-8	2.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	2.5	N.D.
4-Chlorotoluene	106-43-4	2.5	N.D.
tert-Butylbenzene	98-06-6	2.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	2.5	N.D.
sec-Butylbenzene	135-98-8	2.5	N.D.
4-Isopropyltoluene	99-87-6	2.5	N.D.
1,3-Dichlorobenzene	541-73-1	2.5	N.D.
1,4-Dichlorobenzene	106-46-7	2.5	N.D.
n-Butylbenzene	104-51-8	2.5	N.D.
1,2-Dichlorobenzene	95-50-1	2.5	N.D.
1,2-Dibromo-3-CPA	96-12-8	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	2.5	N.D.
Hexachlorobutadiene	87-68-3	2.5	N.D.
Naphthalene	91-20-3	2.5	17
1,2,3-Trichlorobenzene	87-61-6	2.5	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	92
Toluene-d8	97
4-Bromofluorobenzene	89

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

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

Sample Description: Soil, OA1-RE2-SP3
Laboratory Sample Number: 97070247
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	5.0	N.D.
Bromodichloromethane	75-27-4	5.0	N.D.
Bromoform	75-25-2	5.0	N.D.
Bromomethane	74-83-9	5.0	N.D.
Carbon Disulfide	75-15-0	10	N.D.
Carbon tetrachloride	56-23-5	5.0	N.D.
Chlorobenzene	108-90-7	5.0	N.D.
Chlorodibromomethane	124-48-1	5.0	N.D.
Chloroethane	75-00-3	5.0	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	5.0	N.D.
Chloromethane	74-87-3	5.0	N.D.
1,1-Dichloroethane	75-34-3	5.0	N.D.
1,2-Dichloroethane	107-06-2	5.0	N.D.
1,1-Dichloroethene	75-35-4	5.0	N.D.
Trans 1,2-Dichloroethene	156-60-5	5.0	N.D.
1,2-Dichloropropane	78-87-5	5.0	N.D.
cis-1,3-Dichloropropene	10061-01-5	5.0	N.D.
trans-1,3-Dichloropropene	10061-02-6	5.0	N.D.
Ethylbenzene	100-41-4	5.0	N.D.
Methylene chloride	75-09-2	10	N.D.
Styrene	100-42-5	5.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	5.0	N.D.
Tetrachloroethene	127-18-4	5.0	N.D.
Toluene	108-88-3	5.0	N.D.
1,1,1-Trichloroethane	71-55-6	5.0	N.D.
1,1,2-Trichloroethane	79-00-5	5.0	N.D.
Trichloroethene	79-01-6	5.0	N.D.
Trichlorofluoromethane	75-69-4	10	N.D.
Vinyl acetate	108-05-4	10	N.D.
Vinyl chloride	75-01-4	5.0	N.D.
Total Xylenes	1330-20-7	5.0	N.D.
Dichlorodifluoromethane	75-71-8	5.0	N.D.
cis-1-2,-Dichloroethene	156-59-2	5.0	N.D.
2,2-Dichloropropane	594-20-7	5.0	N.D.
Bromochloromethane	74-97-5	5.0	N.D.
1,1-Dichloropropene	563-58-6	5.0	N.D.
Dibromomethane	74-95-3	5.0	N.D.
1,2-Dibromoethane	106-93-4	5.0	N.D.

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

Sample Description: Soil, OA1-RE2-SP3
Laboratory Sample #: 97070247

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	5.0	N.D.
Isopropylbenzene	98-82-8	5.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	5.0	N.D.
1,2,3-Trichloropropane	96-18-4	5.0	N.D.
Bromobenzene	108-86-1	5.0	N.D.
n-Propylbenzene	103-65-1	5.0	N.D.
2-Chlorotoluene	95-49-8	5.0	N.D.
1,3,5-Trimethylbenzene	108-67-8	5.0	26
4-Chlorotoluene	106-43-4	5.0	N.D.
tert-Butylbenzene	98-06-6	5.0	N.D.
1,2,4-Trimethylbenzene	95-63-6	5.0	54
sec-Butylbenzene	135-98-8	5.0	N.D.
4-Isopropyltoluene	99-87-6	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
n-Butylbenzene	104-51-8	5.0	8.3
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
1,2-Dibromo-3-CPA	96-12-8	10	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Naphthalene	91-20-3	5.0	260
1,2,3-Trichlorobenzene	87-61-6	5.0	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	94
Toluene-d8	95
4-Bromofluorobenzene	90

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

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

Sample Description: Soil, OA1-RE1-SP9
Laboratory Sample Number: 97070242
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	200	890
Acenaphthylene	208-96-8	200	N.D.
Aniline	62-53-3	200	N.D.
Anthracene	120-12-7	200	1,900
Benzoic Acid	65-85-0	1000	N.D.
Benzo (a) anthracene	56-55-3	200	2,800
Benzo (b) fluoranthene	205-99-2	500	2,100
Benzo (k) fluoranthene	207-08-9	500	790
Benzo (g,h,i)perylene	191-24-2	500	2,000
Benzo (a) pyrene	50-32-8	500	2,800
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	3,700
Dibenz(a,h)anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	100	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	500	N.D.
2,6-Dinitrotoluene	606-20-2	500	N.D.
Di-N-octyl phthalate	117-84-0	500	N.D.

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

Sample Description: Soil, OA1-RE1-SP9
Laboratory Sample #: 97070242

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	200	2,500
Fluorene	86-73-7	200	1,600
Hexachlorobenzene	118-74-1	200	N.D.
Hexachlorobutadiene	87-68-3	200	N.D.
Hexachlorocyclopentadiene	77-47-4	200	N.D.
Hexachloroethane	67-72-1	200	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	500	980
Isophorone	78-59-1	200	N.D.
2-Methylnaphthalene	91-57-6	200	31,000
2-Methylphenol	95-48-7	200	N.D.
4-Methylphenol	106-44-5	200	N.D.
Naphthalene	91-20-3	200	6,800
2-Nitroaniline	88-74-4	500	N.D.
3-Nitroaniline	99-09-2	500	N.D.
4-Nitroaniline	100-01-6	500	N.D.
Nitrobenzene	98-95-3	200	N.D.
2-Nitrophenol	88-75-5	200	N.D.
4-Nitrophenol	100-02-7	200	N.D.
N-Nitrosodiphenylamine	86-30-6	200	N.D.
N-Nitroso-di-N-propylamine	621-64-7	200	N.D.
N-Nitrosodimethylamine	62-75-9	200	N.D.
Pentachlorophenol	87-86-5	500	N.D.
Phenanthrene	85-01-8	200	14,000
Phenol	108-95-2	200	N.D.
Pyrene	129-00-0	200	13,000
1,2,4-Trichlorobenzene	120-82-1	200	N.D.
2,4,5-Trichlorophenol	95-95-4	200	N.D.
2,4,6-Trichlorophenol	88-06-2	200	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample Number: 97070243
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2000	4,300
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	11,000
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	26,000
Benzo (b) fluoranthene	205-99-2	5000	28,000
Benzo (k) fluoranthene	207-08-9	5000	12,000
Benzo (g,h,i)perylene	191-24-2	5000	14,000
Benzo (a) pyrene	50-32-8	5000	22,000
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	48,000
Dibenz(a,h)anthracene	53-70-3	2000	N.D.
Dibenzofuran	132-64-9	2000	N.D.
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample #: 97070243

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	53,000
Fluorene	86-73-7	5000	13,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	6,800
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	160,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	41,000
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	80,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	120,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP1A
Laboratory Sample Number: 97070244
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2000	6,200
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	16,000
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	43,000
Benzo (b) fluoranthene	205-99-2	5000	55,000
Benzo (k) fluoranthene	207-08-9	5000	19,000
Benzo (g,h,i)perylene	191-24-2	5000	26,000
Benzo (a) pyrene	50-32-8	5000	40,000
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	64,000
Dibenz(a,h)anthracene	53-70-3	2000	6,200
Dibenzofuran	132-64-9	2000	N.D.
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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

Sample Description: Soil, OA1-RE2-SP1A
Laboratory Sample #: 97070244

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	95,000
Fluorene	86-73-7	5000	19,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	15,000
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	300,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	87,000
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	130,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	200,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, OA1-RE2-SP1B
Laboratory Sample Number: 97070245
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/17/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	160
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	790
Benzo (b) fluoranthene	205-99-2	250	1,200
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i)perylene	191-24-2	250	420
Benzo (a) pyrene	50-32-8	250	570
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	2,100
Dibenz(a,h)anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

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

Sample Description: Soil, OA1-RE2-SP1B
Laboratory Sample #: 97070245

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	100	1,700
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	300
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	430
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	970
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	2,200
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP3
Laboratory Sample Number: 97070247
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2000	N.D.
Acenaphthylene	208-96-8	2000	N.D.
Aniline	62-53-3	2000	N.D.
Anthracene	120-12-7	2000	16,000
Benzoic Acid	65-85-0	10000	N.D.
Benzo (a) anthracene	56-55-3	2000	62,000
Benzo (b) fluoranthene	205-99-2	5000	64,000
Benzo (k) fluoranthene	207-08-9	5000	25,000
Benzo (g,h,i)perylene	191-24-2	5000	18,000
Benzo (a) pyrene	50-32-8	5000	32,000
Benzyl alcohol	100-51-6	2000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2000	N.D.
Butyl benzyl phthalate	85-68-7	2000	N.D.
4-Chloroaniline	106-47-8	2000	N.D.
2-Chloronaphthalene	91-58-7	2000	N.D.
4-Chloro-3-methylphenol	59-50-7	2000	N.D.
2-Chlorophenol	95-57-8	2000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2000	N.D.
Chrysene	218-0109	2000	63,000
Dibenz(a,h)anthracene	53-70-3	2000	5,800
Dibenzofuran	132-64-9	2000	4,100
Di-N-butyl phthalate	84-74-2	5000	N.D.
1,3-Dichlorobenzene	541-73-1	2000	N.D.
1,4-Dichlorobenzene	106-46-7	2000	N.D.
1,2-Dichlorobenzene	95-50-1	2000	N.D.
3,3-Dichlorobenzidine	91-94-1	2000	N.D.
2,4-Dichlorophenol	120-83-2	2000	N.D.
Diethyl phthalate	84-66-2	2000	N.D.
2,4-Dimethylphenol	105-67-9	2000	N.D.
Dimethyl phthalate	131-11-3	2000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2000	N.D.
2,4-Dinitrophenol	51-28-5	2000	N.D.
2,4-Dinitrotoluene	121-14-2	2000	N.D.
2,6-Dinitrotoluene	606-20-2	2000	N.D.
Di-N-octyl phthalate	117-84-0	2000	N.D.

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

Sample Description: Soil, OA1-RE2-SP3
Laboratory Sample #: 97070247

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	5000	180,000
Fluorene	86-73-7	5000	12,000
Hexachlorobenzene	118-74-1	5000	N.D.
Hexachlorobutadiene	87-68-3	2000	N.D.
Hexachlorocyclopentadiene	77-47-4	2000	N.D.
Hexachloroethane	67-72-1	2000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5000	15,000
Isophorone	78-59-1	2000	N.D.
2-Methylnaphthalene	91-57-6	2000	5,000
2-Methylphenol	95-48-7	2000	N.D.
4-Methylphenol	106-44-5	2000	N.D.
Naphthalene	91-20-3	2000	N.D.
2-Nitroaniline	88-74-4	5000	N.D.
3-Nitroaniline	99-09-2	5000	N.D.
4-Nitroaniline	100-01-6	5000	N.D.
Nitrobenzene	98-95-3	2000	N.D.
2-Nitrophenol	88-75-5	2000	N.D.
4-Nitrophenol	100-02-7	2000	N.D.
N-Nitrosodiphenylamine	86-30-6	2000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2000	N.D.
N-Nitrosodimethylamine	62-75-9	2000	N.D.
Pentachlorophenol	87-86-5	5000	N.D.
Phenanthrene	85-01-8	2000	120,000
Phenol	108-95-2	2000	N.D.
Pyrene	129-00-0	2000	170,000
1,2,4-Trichlorobenzene	120-82-1	2000	N.D.
2,4,5-Trichlorophenol	95-95-4	2000	N.D.
2,4,6-Trichlorophenol	88-06-2	2000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, OA1-RE1-SP10
Laboratory Sample #: 97070243
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/22/97
Reported: 07/23/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	Extractable Hydrocarbons (ppm)
Up to and including C-12	480
C 13-22	7,600
C 23 & Higher	2,100
Total	10,000

Detection Limit:	8.0

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

ORANGE COAST ANALYTICAL

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE1-SP10

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/22/97
Reported: 07/23/97

Laboratory Sample Number: 97070243
Laboratory Reference #: MWI 9344

PCB'S (EPA 8080)

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

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

ORANGE COAST ANALYTICAL

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Recevied: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070248	Equip Blank	N.D.
97070249	Rinsate Blank	N.D.

Detection Limit:	0.5

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

ORANGE COAST ANALYTICAL

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

CCR - METALS

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

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

ORANGE COAST ANALYTICAL

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

CCR - METALS

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

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

ORANGE COAST ANALYTICAL

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

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

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070248

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	93
Toluene-d8	101
4-Bromofluorobenzene	93

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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, Rinsate Blank
Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

ORANGE COAST ANALYTICAL, INC.
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070249

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	91
Toluene-d8	101
4-Bromofluorobenzene	92

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070250
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070250

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	94
Toluene-d8	100
4-Bromofluorobenzene	94

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: 97070248
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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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 #: 97070248

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/18/97
Reported: 07/23/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070249

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

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

Orange Coast Analytical

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/16/97
Received: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/16/97
Recevied: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070248
Laboratory Reference #: MWI 9344

PCB'S (EPA 8080)

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

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

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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/16/97
Recevied: 07/16/97
Analyzed: 07/21/97
Reported: 07/23/97

Laboratory Sample Number: 97070249
Laboratory Reference #: MWI 9344

PCB'S (EPA 8080)

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

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/17/97
Laboratory Sample No : 97070222
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	102	99	102	99	3

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	1.9	1.8	76	72	5

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/22/97
Laboratory Sample No : 97070186
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	120	140	48	56	15

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	15	100	75	29

Definition of Terms :

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

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	1.2	110	120	9

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/18/97
Laboratory Sample No : 97070279
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	31.0	31.0	103	103	0
Arsenic	0.0	10.0	8.4	8.6	84	86	2
Barium	3.0	10.0	14.0	14.0	110	110	0
Beryllium	0.00	1.00	1.04	1.01	104	101	3
Cadmium	0.00	1.00	1.04	1.03	104	103	1
Chromium (Total)	1.00	5.00	6.10	6.10	102	102	0
Chromium (VI)	0.00	1.00	0.88	0.90	88	90	2
Cobalt	0.34	1.00	1.34	1.31	100	97	2
Copper	0.89	1.00	1.84	1.87	95	98	2
Lead	0.00	10.0	8.7	8.9	87	89	2
Mercury	0.000	0.020	0.019	0.018	95	90	5
Molybdenum	0.0	10.0	10.7	11.3	107	113	5
Nickel	0.49	5.00	5.7	5.5	104	100	4
Selenium	0.0	10.0	9.9	10.1	99	101	2
Silver	0.0	5.0	4.5	5.0	90	100	11
Thallium	0.0	30.0	30.0	28.0	100	93	7
Vanadium	1.4	5.0	6.4	6.4	100	100	0
Zinc	2.1	5.0	7.3	7.3	104	104	0

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/18/97
Laboratory Sample No : 97070249
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.70	3.10	90	103	14
Arsenic	0.00	1.00	0.87	1.00	87	100	14
Barium	0.000	0.100	0.097	0.107	97	107	10
Beryllium	0.00	0.100	0.104	0.112	104	112	7
Cadmium	0.00	0.100	0.099	0.114	99	114	14
Chromium (VI)	0.00	0.50	0.44	0.46	88	92	4
Chromium (Total)	0.00	0.100	0.094	0.106	94	106	12
Cobalt	0.00	0.100	0.106	0.120	106	120	12
Copper	0.000	0.100	0.095	0.105	95	105	10
Lead	0.00	1.00	0.96	0.96	96	96	0
Mercury	0.000	0.020	0.020	0.022	100	110	10
Molybdenum	0.00	1.00	0.95	1.09	95	109	14
Nickel	0.00	0.50	0.53	0.57	106	114	7
Selenium	0.00	1.00	0.88	1.00	88	100	13
Silver	0.00	0.50	0.47	0.51	94	102	8
Thallium	0.00	3.00	3.30	3.20	110	107	3
Vanadium	0.00	0.50	0.45	0.52	90	104	14
Zinc	0.000	0.100	0.091	0.105	91	105	14

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/17/97
Laboratory Sample No : 97070137
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	47	46	94	92	2
1,1-Dichloroethene	0.0	50	44	44	88	88	0
Trichloroethene	0.0	50	44	45	88	90	2
Toluene	2.3	50	44	46	83	87	4
Chlorobenzene	0.0	50	45	46	90	92	2

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

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

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	51	104	102	2
1,1-Dichloroethene	0.0	50	50	50	100	100	0
Trichloroethene	0.0	50	46	45	92	90	2
Toluene	0.0	50	51	49	102	98	4
Chlorobenzene	0.0	50	47	46	94	92	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/18/97
Laboratory Sample No : 97070269
Laboratory Reference No : MWI 9344

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	18	17	90	85	6
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	19	18	95	90	5

Definition of Terms :

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

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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

QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9344

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	82	84	82	84	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9344

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	45	44	90	88	2
n-Nitroso-di-n-propylamine	0.0	50	42	42	84	84	0
1,2,4-Trichlorobenzene	0.0	50	46	46	92	92	0
Acenaphthene	0.0	50	47	47	94	94	0
Pyrene	0.0	50	43	42	86	84	2
entachlorophenol	0.0	100	71	78	71	78	9
4-Chloro-3-Methylphenol	0.0	100	62	76	62	76	20
2-Chlorophenol	0.0	100	77	80	77	80	4
Phenol	0.0	100	69	71	69	71	3

Definition of Terms :

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

RANGE COAST ANALYTICAL

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QC DATA REPORT

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

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9344

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	35	72	70	3
n-Nitroso-di-n-propylamine	0.0	50	44	44	88	88	0
1,2,4-Trichlorobenzene	0.0	50	38	37	76	74	3
Acenaphthene	0.0	50	47	46	94	92	2
Pyrene	0.0	50	46	46	92	92	0
Pentachlorophenol	0.0	100	79	77	79	77	3
4-Chloro-3-Methylphenol	0.0	100	72	69	72	69	4
2-Chlorophenol	0.0	100	75	73	75	73	3
Phenol	0.0	100	25	23	25	23	8

Definition of Terms :

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

ORANGE COAST ANALYTICAL

Mark Noorani

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Laboratory Director

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3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Anal[illegible] [illegible]equest and Chain [illegible] Custody Record

Lab Job No: ___
Page 1

REQUIRED TAT: 24 A. TAT on Soil, TRPH only Standard TAT Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	Mc Donnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	C-6 Facility
		ADDRESS:	19503 S. Normandie Ave. Los Angeles, CA
PHONE:	818-568-6582 FAX: 818-796-5941	SAMPLED BY:	AWN/IV

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-RE1-SP9	2	7/16/97	1310	SOIL	2"x6" SS Sleeve	ICE	X	X	X	X					
OA1-RE1-SP10	2		1335				X	X	X	X					
OA1-RE2-SP1A	2		1355				X	X	X	X					
OA1-RE2-SP1B	2		1410				X	X	X	X					
OA1-RE2-SP2	2		1430				X	X	X	X					
OA1-RE2-SP3	2		1455				X	X	X	X					
Equipment Blank	7		1500	WATER	4 amber 1 Poly 2 VOAs	None 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: 9

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	7/16/97 1525		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 7/16/97 15:25

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

Sample Integrity: (check)
Intact ___ on Ice ___

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

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6508
Fax: 818 796 5941

Date: 7/17/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please analyze the following sample for Carbon Chain (8015m) and PCBs (8080) on standard turn-around time:

OA1-RE1-SP10

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

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

TOTAL P.01

ORANGE COAST ANALYTICAL, INC.
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 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/18/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97070262	OA1-RE2-SP4	14,000
97070264	OA1-RE2-SP6	2,300
97070266	OA1-RE2-SP8	4,600
Detection Limit:		8.0

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP4

Sampled: 07/17/97
Recevied: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070262
Laboratory Reference #: MWI 9349

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	1.8
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	27
Cobalt	6010	80	8000	0.5	6.7
Copper	6010	25	2500	0.1	17
Lead	6010	5.0	1000	1.0	30
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	22
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	41
Zinc	6010	250	5000	0.1	64

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

ORANGE COAST ANALYTICAL

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Laboratory Director

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP6

Sampled: 07/17/97
Recevied: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070264
Laboratory Reference #: MWI 9349

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	90
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	1.3
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	29
Cobalt	6010	80	8000	0.5	7.2
Copper	6010	25	2500	0.1	13
Lead	6010	5.0	1000	1.0	9.7
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	16
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	42
Zinc	6010	250	5000	0.1	40

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP8

Sampled: 07/17/97
Recevied: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070266
Laboratory Reference #: MWI 9349

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	91
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	49
Cobalt	6010	80	8000	0.5	6.7
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	27
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	13
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	30
Zinc	6010	250	5000	0.1	110

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample Number: 97070262
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	170
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethene	156-59-2	50	N.D.
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample #: 97070262

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	50	N.D.
Isopropylbenzene	98-82-8	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
1,2,3-Trichloropropane	96-18-4	50	N.D.
Bromobenzene	108-86-1	50	N.D.
n-Propylbenzene	103-65-1	50	N.D.
2-Chlorotoluene	95-49-8	50	N.D.
1,3,5-Trimethylbenzene	108-67-8	50	210
4-Chlorotoluene	106-43-4	50	N.D.
tert-Butylbenzene	98-06-6	50	N.D.
1,2,4-Trimethylbenzene	95-63-6	50	490
sec-Butylbenzene	135-98-8	50	N.D.
4-Isopropyltoluene	99-87-6	50	N.D.
1,3-Dichlorobenzene	541-73-1	50	N.D.
1,4-Dichlorobenzene	106-46-7	50	N.D.
n-Butylbenzene	104-51-8	50	N.D.
1,2-Dichlorobenzene	95-50-1	50	N.D.
1,2-Dibromo-3-CPA	96-12-8	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	50	N.D.
Hexachlorobutadiene	87-68-3	50	N.D.
Naphthalene	91-20-3	50	2,200
1,2,3-Trichlorobenzene	87-61-6	50	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	89
Toluene-d8	96
4-Bromofluorobenzene	100

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

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

Sample Description: Soil, OA1-RE2-SP6
Laboratory Sample Number: 97070264
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/23/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	100	N.D.
Bromodichloromethane	75-27-4	100	N.D.
Bromoform	75-25-2	100	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	200	N.D.
Carbon tetrachloride	56-23-5	100	N.D.
Chlorobenzene	108-90-7	100	N.D.
Chlorodibromomethane	124-48-1	100	N.D.
Chloroethane	75-00-3	100	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	100	N.D.
Chloromethane	74-87-3	100	N.D.
1,1-Dichloroethane	75-34-3	100	N.D.
1,2-Dichloroethane	107-06-2	100	N.D.
1,1-Dichloroethene	75-35-4	100	N.D.
Trans 1,2-Dichloroethene	156-60-5	100	N.D.
1,2-Dichloropropane	78-87-5	100	N.D.
cis-1,3-Dichloropropene	10061-01-5	100	N.D.
trans-1,3-Dichloropropene	10061-02-6	100	N.D.
Ethylbenzene	100-41-4	100	390
Methylene chloride	75-09-2	200	N.D.
Styrene	100-42-5	100	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.
Tetrachloroethene	127-18-4	100	N.D.
Toluene	108-88-3	100	N.D.
1,1,1-Trichloroethane	71-55-6	100	N.D.
1,1,2-Trichloroethane	79-00-5	100	N.D.
Trichloroethene	79-01-6	100	N.D.
Trichlorofluoromethane	75-69-4	200	N.D.
Vinyl acetate	108-05-4	200	N.D.
Vinyl chloride	75-01-4	100	N.D.
Total Xylenes	1330-20-7	100	1,500
Dichlorodifluoromethane	75-71-8	100	N.D.
cis-1-2,-Dichloroethene	156-59-2	100	N.D.
2,2-Dichloropropane	594-20-7	100	N.D.
Bromochloromethane	74-97-5	100	N.D.
1,1-Dichloropropene	563-58-6	100	N.D.
Dibromomethane	74-95-3	100	N.D.
1,2-Dibromoethane	106-93-4	100	N.D.

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

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

Sample Description: Soil, OA1-RE2-SP6
Laboratory Sample #: 97070264

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	100	N.D.
Isopropylbenzene	98-82-8	100	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	100	N.D.
1,2,3-Trichloropropane	96-18-4	100	N.D.
Bromobenzene	108-86-1	100	N.D.
n-Propylbenzene	103-65-1	100	220
2-Chlorotoluene	95-49-8	100	N.D.
1,3,5-Trimethylbenzene	108-67-8	100	2,000
4-Chlorotoluene	106-43-4	100	N.D.
tert-Butylbenzene	98-06-6	100	N.D.
1,2,4-Trimethylbenzene	95-63-6	100	6,200
sec-Butylbenzene	135-98-8	100	N.D.
4-Isopropyltoluene	99-87-6	100	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
n-Butylbenzene	104-51-8	100	340
1,2-Dichlorobenzene	95-50-1	100	N.D.
1,2-Dibromo-3-CPA	96-12-8	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Naphthalene	91-20-3	100	17,000
1,2,3-Trichlorobenzene	87-61-6	100	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	92
Toluene-d8	96
4-Bromofluorobenzene	96

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

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

Sample Description: Soil, OA1-RE2-SP8
Laboratory Sample Number: 97070266
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/22/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	150
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethene	156-59-2	50	N.D.
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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

Sample Description: Soil, OA1-RE2-SP8
Laboratory Sample #: 97070266

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	50	N.D.
Isopropylbenzene	98-82-8	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
1,2,3-Trichloropropane	96-18-4	50	N.D.
Bromobenzene	108-86-1	50	N.D.
n-Propylbenzene	103-65-1	50	N.D.
2-Chlorotoluene	95-49-8	50	N.D.
1,3,5-Trimethylbenzene	108-67-8	50	330
4-Chlorotoluene	106-43-4	50	N.D.
tert-Butylbenzene	98-06-6	50	N.D.
1,2,4-Trimethylbenzene	95-63-6	50	970
sec-Butylbenzene	135-98-8	50	N.D.
4-Isopropyltoluene	99-87-6	50	N.D.
1,3-Dichlorobenzene	541-73-1	50	N.D.
1,4-Dichlorobenzene	106-46-7	50	N.D.
n-Butylbenzene	104-51-8	50	120
1,2-Dichlorobenzene	95-50-1	50	N.D.
1,2-Dibromo-3-CPA	96-12-8	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	50	N.D.
Hexachlorobutadiene	87-68-3	50	N.D.
Naphthalene	91-20-3	50	5,500
1,2,3-Trichlorobenzene	87-61-6	50	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	94
Toluene-d8	99
4-Bromofluorobenzene	98

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample Number: 97070262
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	2,000	6,200
Acenaphthylene	208-96-8	2,000	N.D.
Aniline	62-53-3	2,000	N.D.
Anthracene	120-12-7	2,000	17,000
Benzoic Acid	65-85-0	10,000	N.D.
Benzo (a) anthracene	56-55-3	2,000	79,000
Benzo (b) fluoranthene	205-99-2	5,000	110,000
Benzo (k) fluoranthene	207-08-9	5,000	33,000
Benzo (g,h,i)perylene	191-24-2	5,000	44,000
Benzo (a) pyrene	50-32-8	5,000	57,000
Benzyl alcohol	100-51-6	2,000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	2,000	N.D.
Bis(2-chloroethyl)ether	111-44-4	2,000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	2,000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	2,000	N.D.
4-Bromophenyl phenyl ether	101-55-3	2,000	N.D.
Butyl benzyl phthalate	85-68-7	2,000	N.D.
4-Chloroaniline	106-47-8	2,000	N.D.
2-Chloronaphthalene	91-58-7	2,000	N.D.
4-Chloro-3-methylphenol	59-50-7	2,000	N.D.
2-Chlorophenol	95-57-8	2,000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	2,000	N.D.
Chrysene	218-0109	2,000	190,000
Dibenz(a,h)anthracene	53-70-3	2,000	12,000
Dibenzofuran	132-64-9	2,000	N.D.
Di-N-butyl phthalate	84-74-2	5,000	N.D.
1,3-Dichlorobenzene	541-73-1	2,000	N.D.
1,4-Dichlorobenzene	106-46-7	2,000	N.D.
1,2-Dichlorobenzene	95-50-1	2,000	N.D.
3,3-Dichlorobenzidine	91-94-1	2,000	N.D.
2,4-Dichlorophenol	120-83-2	2,000	N.D.
Diethyl phthalate	84-66-2	2,000	N.D.
2,4-Dimethylphenol	105-67-9	2,000	N.D.
Dimethyl phthalate	131-11-3	2,000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	2,000	N.D.
2,4-Dinitrophenol	51-28-5	2,000	N.D.
2,4-Dinitrotoluene	121-14-2	5,000	N.D.
2,6-Dinitrotoluene	606-20-2	5,000	N.D.
Di-N-octyl phthalate	117-84-0	5,000	N.D.

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

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample #: 97070262

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
Fluoranthene	206-44-0	2,000	140,000
Fluorene	86-73-7	2,000	17,000
Hexachlorobenzene	118-74-1	2,000	N.D.
Hexachlorobutadiene	87-68-3	2,000	N.D.
Hexachlorocyclopentadiene	77-47-4	2,000	N.D.
Hexachloroethane	67-72-1	2,000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	5,000	30,000
Isophorone	78-59-1	2,000	N.D.
2-Methylnaphthalene	91-57-6	2,000	180,000
2-Methylphenol	95-48-7	2,000	N.D.
4-Methylphenol	106-44-5	2,000	N.D.
Naphthalene	91-20-3	2,000	42,000
2-Nitroaniline	88-74-4	2,000	N.D.
3-Nitroaniline	99-09-2	2,000	N.D.
4-Nitroaniline	100-01-6	2,000	N.D.
Nitrobenzene	98-95-3	2,000	N.D.
2-Nitrophenol	88-75-5	2,000	N.D.
4-Nitrophenol	100-02-7	2,000	N.D.
N-Nitrosodiphenylamine	86-30-6	2,000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	2,000	N.D.
N-Nitrosodimethylamine	62-75-9	2,000	N.D.
Pentachlorophenol	87-86-5	5,000	N.D.
Phenanthrene	85-01-8	2,000	110,000
Phenol	108-95-2	2,000	N.D.
Pyrene	129-00-0	2,000	260,000
1,2,4-Trichlorobenzene	120-82-1	2,000	N.D.
2,4,5-Trichlorophenol	95-95-4	2,000	N.D.
2,4,6-Trichlorophenol	88-06-2	2,000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, OA1-RE2-SP6
Laboratory Sample Number: 97070264
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/22/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	60,000	N.D.
Acenaphthylene	208-96-8	60,000	N.D.
Aniline	62-53-3	60,000	N.D.
Anthracene	120-12-7	60,000	270,000
Benzoic Acid	65-85-0	300,000	N.D.
Benzo (a) anthracene	56-55-3	60,000	1,300,000
Benzo (b) fluoranthene	205-99-2	150,000	1,900,000
Benzo (k) fluoranthene	207-08-9	150,000	430,000
Benzo (g,h,i)perylene	191-24-2	150,000	470,000
Benzo (a) pyrene	50-32-8	150,000	760,000
Benzyl alcohol	100-51-6	60,000	N.D.
Bis(2-chloroethoxy)methane	111-91-1	60,000	N.D.
Bis(2-chloroethyl)ether	111-44-4	60,000	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	60,000	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	60,000	N.D.
4-Bromophenyl phenyl ether	101-55-3	60,000	N.D.
Butyl benzyl phthalate	85-68-7	60,000	N.D.
4-Chloroaniline	106-47-8	60,000	N.D.
2-Chloronaphthalene	91-58-7	60,000	N.D.
4-Chloro-3-methylphenol	59-50-7	60,000	N.D.
2-Chlorophenol	95-57-8	60,000	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	60,000	N.D.
Chrysene	218-0109	60,000	1,500,000
Dibenz(a,h)anthracene	53-70-3	60,000	160,000
Dibenzofuran	132-64-9	60,000	N.D.
Di-N-butyl phthalate	84-74-2	150,000	N.D.
1,3-Dichlorobenzene	541-73-1	60,000	N.D.
1,4-Dichlorobenzene	106-46-7	60,000	N.D.
1,2-Dichlorobenzene	95-50-1	60,000	N.D.
3,3-Dichlorobenzidine	91-94-1	60,000	N.D.
2,4-Dichlorophenol	120-83-2	60,000	N.D.
Diethyl phthalate	84-66-2	60,000	N.D.
2,4-Dimethylphenol	105-67-9	60,000	N.D.
Dimethyl phthalate	131-11-3	60,000	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	60,000	N.D.
2,4-Dinitrophenol	51-28-5	60,000	N.D.
2,4-Dinitrotoluene	121-14-2	60,000	N.D.
2,6-Dinitrotoluene	606-20-2	60,000	N.D.
Di-N-octyl phthalate	117-84-0	60,000	N.D.

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

Sample Description: Soil, OA1-RE2-SP6
Laboratory Sample #: 97070264

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	60,000	4,000,000
Fluorene	86-73-7	60,000	110,000
Hexachlorobenzene	118-74-1	60,000	N.D.
Hexachlorobutadiene	87-68-3	60,000	N.D.
Hexachlorocyclopentadiene	77-47-4	60,000	N.D.
Hexachloroethane	67-72-1	60,000	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	150,000	470,000
Isophorone	78-59-1	60,000	N.D.
2-Methylnaphthalene	91-57-6	60,000	N.D.
2-Methylphenol	95-48-7	60,000	N.D.
4-Methylphenol	106-44-5	60,000	N.D.
Naphthalene	91-20-3	60,000	N.D.
2-Nitroaniline	88-74-4	150,000	N.D.
3-Nitroaniline	99-09-2	150,000	N.D.
4-Nitroaniline	100-01-6	150,000	N.D.
Nitrobenzene	98-95-3	60,000	N.D.
2-Nitrophenol	88-75-5	60,000	N.D.
4-Nitrophenol	100-02-7	60,000	N.D.
N-Nitrosodiphenylamine	86-30-6	60,000	N.D.
N-Nitroso-di-N-propylamine	621-64-7	60,000	N.D.
N-Nitrosodimethylamine	62-75-9	60,000	N.D.
Pentachlorophenol	87-86-5	150,000	N.D.
Phenanthrene	85-01-8	60,000	1,800,000
Phenol	108-95-2	60,000	N.D.
Pyrene	129-00-0	60,000	3,600,000
1,2,4-Trichlorobenzene	120-82-1	60,000	N.D.
2,4,5-Trichlorophenol	95-95-4	60,000	N.D.
2,4,6-Trichlorophenol	88-06-2	60,000	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, OA1-RE2-SP8
Laboratory Sample Number: 97070266
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	400	1,100
Acenaphthylene	208-96-8	400	N.D.
Aniline	62-53-3	400	N.D.
Anthracene	120-12-7	400	3,000
Benzoic Acid	65-85-0	2,000	N.D.
Benzo (a) anthracene	56-55-3	400	8,300
Benzo (b) fluoranthene	205-99-2	1,000	14,000
Benzo (k) fluoranthene	207-08-9	1,000	4,000
Benzo (g,h,i)perylene	191-24-2	1,000	6,000
Benzo (a) pyrene	50-32-8	1,000	7,900
Benzyl alcohol	100-51-6	400	N.D.
Bis(2-chloroethoxy)methane	111-91-1	400	N.D.
Bis(2-chloroethyl)ether	111-44-4	400	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	400	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	400	N.D.
4-Bromophenyl phenyl ether	101-55-3	400	N.D.
Butyl benzyl phthalate	85-68-7	400	N.D.
4-Chloroaniline	106-47-8	400	N.D.
2-Chloronaphthalene	91-58-7	400	N.D.
4-Chloro-3-methylphenol	59-50-7	400	N.D.
2-Chlorophenol	95-57-8	400	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	400	N.D.
Chrysene	218-0109	400	15,000
Dibenz(a,h)anthracene	53-70-3	400	1,300
Dibenzofuran	132-64-9	400	N.D.
Di-N-butyl phthalate	84-74-2	1,000	N.D.
1,3-Dichlorobenzene	541-73-1	400	N.D.
1,4-Dichlorobenzene	106-46-7	400	N.D.
1,2-Dichlorobenzene	95-50-1	400	N.D.
3,3-Dichlorobenzidine	91-94-1	400	N.D.
2,4-Dichlorophenol	120-83-2	400	N.D.
Diethyl phthalate	84-66-2	400	N.D.
2,4-Dimethylphenol	105-67-9	400	N.D.
Dimethyl phthalate	131-11-3	400	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	400	N.D.
2,4-Dinitrophenol	51-28-5	400	N.D.
2,4-Dinitrotoluene	121-14-2	1,000	N.D.
2,6-Dinitrotoluene	606-20-2	1,000	N.D.
Di-N-octyl phthalate	117-84-0	400	N.D.

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

Sample Description: Soil, OA1-RE2-SP8
Laboratory Sample #: 97070266

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	400	16,000
Fluorene	86-73-7	400	3,400
Hexachlorobenzene	118-74-1	400	N.D.
Hexachlorobutadiene	87-68-3	400	N.D.
Hexachlorocyclopentadiene	77-47-4	400	N.D.
Hexachloroethane	67-72-1	400	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	1,000	3,900
Isophorone	78-59-1	400	N.D.
2-Methylnaphthalene	91-57-6	400	40,000
2-Methylphenol	95-48-7	400	N.D.
4-Methylphenol	106-44-5	400	N.D.
Naphthalene	91-20-3	400	9,800
2-Nitroaniline	88-74-4	1,000	N.D.
3-Nitroaniline	99-09-2	1,000	N.D.
4-Nitroaniline	100-01-6	400	N.D.
Nitrobenzene	98-95-3	400	N.D.
2-Nitrophenol	88-75-5	400	N.D.
4-Nitrophenol	100-02-7	400	N.D.
N-Nitrosodiphenylamine	86-30-6	400	N.D.
N-Nitroso-di-N-propylamine	621-64-7	400	N.D.
N-Nitrosodimethylamine	62-75-9	400	N.D.
Pentachlorophenol	87-86-5	1,000	N.D.
Phenanthrene	85-01-8	400	21,000
Phenol	108-95-2	400	N.D.
Pyrene	129-00-0	400	34,000
1,2,4-Trichlorobenzene	120-82-1	400	N.D.
2,4,5-Trichlorophenol	95-95-4	400	N.D.
2,4,6-Trichlorophenol	88-06-2	400	N.D.

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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: EPA 3550/8015m

Sample Description: Soil, OA1-RE2-SP4
Laboratory Sample #: 97070262
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/22/97
Reported: 07/24/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	Extractable Hydrocarbons (ppm)
Up to and including C-12	870
C 13-22	15,000
C 23 & Higher	5,500
Total	21,000

Detection Limit:	8.0

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Recevied: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97070267	Equip Blank	N.D.
97070268	Rinsate Blank	N.D.

Detection Limit:	0.5

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

ORANGE COAST ANALYTICAL

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

CCR - METALS

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

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

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

CCR - METALS

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

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

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

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

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070267

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	92
Toluene-d8	100
4-Bromofluorobenzene	95

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070268

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	102
4-Bromofluorobenzene	92

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

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

Sample Description: Water, Trip Blank
Laboratory Sample Number: 97070269
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Trip Blank
Laboratory Sample #: 97070269

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	92
Toluene-d8	100
4-Bromofluorobenzene	93

ORANGE COAST ANALYTICAL, INC.
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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: 97070267
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Equip Blank
Laboratory Sample #: 97070267

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
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Pasadena, CA 91101

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

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/18/97
Reported: 07/24/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97070268

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 07/17/97
Received: 07/17/97
Analyzed: 07/21/97
Reported: 07/24/97

Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

ORGANOCHLORINE PESTICIDES (EPA 8080)

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

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

ORANGE COAST ANALYTICAL

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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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Sample Description: Water, Equip Blank

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Laboratory Sample Number: 97070267
Laboratory Reference #: MWI 9349

PCB'S (EPA 8080)

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

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

ORANGE COAST ANALYTICAL

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Sample Description: Water, Rinsate Blank

Sampled: 07/17/97
Received: 07/17/97
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Laboratory Sample Number: 97070268
Laboratory Reference #: MWI 9349

PCB'S (EPA 8080)

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

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/18/97
Laboratory Sample No : 97070126
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	97	98	97	98	1

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	1.9	1.8	76	72	5

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/22/97
Laboratory Sample No : 97070186
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	120	140	48	56	15

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	15	100	75	29

Definition of Terms :

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	1.2	110	120	9

Definition of Terms :

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

ORANGE COAST ANALYTICAL

Mark Noorani

MARK NOORANI
Laboratory Director

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

QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/18/97
Laboratory Sample No : 97070279
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	31.0	31.0	103	103	0
Arsenic	0.0	10.0	8.4	8.6	84	86	2
Barium	3.0	10.0	14.0	14.0	110	110	0
Beryllium	0.00	1.00	1.04	1.01	104	101	3
Cadmium	0.00	1.00	1.04	1.03	104	103	1
Chromium (Total)	1.00	5.00	6.10	6.10	102	102	0
Chromium (VI)	0.00	1.00	0.88	0.90	88	90	2
Cobalt	0.34	1.00	1.34	1.31	100	97	2
Copper	0.89	1.00	1.84	1.87	95	98	2
Lead	0.00	10.0	8.7	8.9	87	89	2
Mercury	0.000	0.020	0.019	0.018	95	90	5
Molybdenum	0.0	10.0	10.7	11.3	107	113	5
Nickel	0.49	5.00	5.7	5.5	104	100	4
Selenium	0.0	10.0	9.9	10.1	99	101	2
Silver	0.0	5.0	4.5	5.0	90	100	11
Thallium	0.0	30.0	30.0	28.0	100	93	7
Vanadium	1.4	5.0	6.4	6.4	100	100	0
Zinc	2.1	5.0	7.3	7.3	104	104	0

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 07/18/97
Laboratory Sample No : 97070249
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.70	3.10	90	103	14
Arsenic	0.00	1.00	0.87	1.00	87	100	14
Barium	0.000	0.100	0.097	0.107	97	107	10
Beryllium	0.00	0.100	0.104	0.112	104	112	7
Cadmium	0.00	0.100	0.099	0.114	99	114	14
Chromium (VI)	0.00	0.50	0.44	0.46	88	92	4
Chromium (Total)	0.00	0.100	0.094	0.106	94	106	12
Cobalt	0.00	0.100	0.106	0.120	106	120	12
Copper	0.000	0.100	0.095	0.105	95	105	10
Lead	0.00	1.00	0.96	0.96	96	96	0
Mercury	0.000	0.020	0.020	0.022	100	110	10
Molybdenum	0.00	1.00	0.95	1.09	95	109	14
Nickel	0.00	0.50	0.53	0.57	106	114	7
Selenium	0.00	1.00	0.88	1.00	88	100	13
Silver	0.00	0.50	0.47	0.51	94	102	8
Thallium	0.00	3.00	3.30	3.20	110	107	3
Vanadium	0.00	0.50	0.45	0.52	90	104	14
Zinc	0.000	0.100	0.091	0.105	91	105	14

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	51	104	102	2
1,1-Dichloroethene	0.0	50	50	50	100	100	0
Trichloroethene	0.0	50	46	45	92	90	2
Toluene	0.0	50	51	49	102	98	4
Chlorobenzene	0.0	50	47	46	94	92	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/22/97
Laboratory Sample No : 97070317
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	52	52	104	104	0
1,1-Dichloroethene	0.0	50	51	50	102	100	2
Trichloroethene	0.0	50	47	46	94	92	2
Toluene	0.0	50	50	50	100	100	0
Chlorobenzene	0.0	50	48	47	96	94	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/18/97
Laboratory Sample No : 97070269
Laboratory Reference No : MWI 9349

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	17	18	85	90	6
Trichloroethene	0.0	20	18	17	90	85	6
Toluene	0.0	20	19	19	95	95	0
Chlorobenzene	0.0	20	19	18	95	90	5

Definition of Terms :

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

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QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9349

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	82	84	82	84	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/18/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9349

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	35	72	70	3
n-Nitroso-di-n-propylamine	0.0	50	44	44	88	88	0
1,2,4-Trichlorobenzene	0.0	50	38	37	76	74	3
Acenaphthene	0.0	50	47	46	94	92	2
Pyrene	0.0	50	46	46	92	92	0
Pentachlorophenol	0.0	100	79	77	79	77	3
4-Chloro-3-Methylphenol	0.0	100	72	69	72	69	4
2-Chlorophenol	0.0	100	75	73	75	73	3
Phenol	0.0	100	25	23	25	23	8

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/21/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9349

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	44	46	88	92	4
n-Nitroso-di-n-propylamine	0.0	50	44	47	88	94	7
1,2,4-Trichlorobenzene	0.0	50	46	46	92	92	0
Acenaphthene	0.0	50	46	46	92	92	0
Pyrene	0.0	50	41	42	82	84	2
entachlorophenol	0.0	100	73	77	73	77	5
4-Chloro-3-Methylphenol	0.0	100	67	72	67	72	7
2-Chlorophenol	0.0	100	80	82	80	82	2
Phenol	0.0	100	73	75	73	75	3

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 07/22/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9349

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	46	47	92	94	2
n-Nitroso-di-n-propylamine	0.0	50	45	50	90	100	11
1,2,4-Trichlorobenzene	0.0	50	46	48	92	96	4
Acenaphthene	0.0	50	47	47	94	94	0
Pyrene	0.0	50	45	44	90	88	2
Pentachlorophenol	0.0	100	75	84	75	84	11
4-Chloro-3-Methylphenol	0.0	100	73	77	73	77	5
2-Chlorophenol	0.0	100	77	78	77	78	1
Phenol	0.0	100	74	75	74	75	1

Definition of Terms :

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

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Tustin, CA 92680
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Ana Request and Chain of Custody Record

Lab Job No: _____
Page _____ of _____

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

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY	Montgomery Watson	PROJECT NAME:	McDonnell Douglas
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N Madison Ave Pasadena, CA 91101	LOCATION:	C-6 facility
		ADDRESS:	19503 S Normandie Los Angeles, CA
PHONE	(818)568-6582 FAX (818)796-5741	SAMPLED BY:	AN / IV

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
OA1-RE2-SP4	2	7/17/97	1130	Soil	2-1x6" SS sleeve	Ice	X	X	X	X					
OA1-RE2-SP5	↓	↓	1315	↓	↓	↓	X	X	X	X					
OA1-RE2-SP6	↓	↓	1350	↓	↓	↓	X	X	X	X					
OA1-RE2-SP7	↓	↓	1420	↓	↓	↓	X	X	X	X					
OA1-RE2-SP8	↓	↓	1540	↓	↓	↓	X	X	X	X					
Equipment Blank	7	↓	1515	Water	4 amber 1 poly 2 VOAs	none HNO3 HCL	X	X	X	X	X	X			
Rinsate Blank	7	↓	1545	↓	↓	↓	X	X	X	X	X	X			
trip Blank	2	7/17/97	—	↓	12 VOAs	HCL			X						

Total No. of Samples: 8

Method of Shipment: Orange Coast Courier (1 cooler).

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivon Vargas	7/17/97 1615		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 7/17/97 16:15

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

Sample Integrity: (check)
intact _____ on ice _____

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

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6508
Fax: 818 796 5941

Date: 7/21/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

Please analyze the following samples for Carbon Chain (8015m) on standard turn-around time:

OA1-RE2-SP4
OA1-RE2-SP5

Also please analyze the following sample for PCBs (8080) on standard turn-around time:

OA1-RE2-SP5

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

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

TOTAL P.01

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

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

Analysis Method: 418.1

Sample Description: Soil,

Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/19/97
Reported: 09/19/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97090432	B37C1-GS-1-3'	18
97090433	B37C1-GS-2-10.5'	23
97090434	B37C2-GS-1-3'	1,300

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil, B37C1-GS-1-3'

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 9/19-24-26/1997
Reported: 09/30/97

Laboratory Sample Number: 97090432
Laboratory Reference #: MWI 9567

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	66
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	17
Cobalt	6010	80	8000	0.5	5.3
Copper	6010	25	2500	0.1	8.0
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	6.6
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	20
Zinc	6010	250	5000	0.1	25

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: Soil, B37C1-GS-2-10.5'

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 9/19-24-26/1997
Reported: 09/30/97

Laboratory Sample Number: 97090433
Laboratory Reference #: MWI 9567

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	18
Barium	6010	100	10000	0.1	2.6
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	160
Cobalt	6010	80	8000	0.5	8.8
Copper	6010	25	2500	0.1	300
Lead	6010	5.0	1000	1.0	38
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	13
Nickel	6010	20	2000	0.5	79
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	8.8
Zinc	6010	250	5000	0.1	53

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: Soil, B37C2-GS-1-3'

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 9/19-24-26/1997
Reported: 09/30/97

Laboratory Sample Number: 97090434
Laboratory Reference #: MWI 9567

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	11
Barium	6010	100	10000	0.1	82
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	21
Cobalt	6010	80	8000	0.5	6.4
Copper	6010	25	2500	0.1	13
Lead	6010	5.0	1000	1.0	3.6
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	9.1
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	22
Zinc	6010	250	5000	0.1	33

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

Sample Description: Soil, B37C1-GS-1-3'
Laboratory Sample Number: 97090432
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/29/97
Reported: 09/30/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Benzene	71-43-2	50	N.D.	
Bromodichloromethane	75-27-4	50	N.D.	
Bromoform	75-25-2	50	N.D.	
Bromomethane	74-83-9	50	N.D.	
Carbon Disulfide	75-15-0	100	N.D.	
Carbon tetrachloride	56-23-5	50	N.D.	
Chlorobenzene	108-90-7	50	N.D.	
Chlorodibromomethane	124-48-1	50	N.D.	
Chloroethane	75-00-3	50	N.D.	
2-Chloroethyl vinyl ether	110-75-8	100	N.D.	
Chloroform	67-66-3	50	N.D.	
Chloromethane	74-87-3	50	N.D.	
1,1-Dichloroethane	75-34-3	50	N.D.	
1,2-Dichloroethane	107-06-2	50	N.D.	
1,1-Dichloroethene	75-35-4	50	N.D.	
Trans 1,2-Dichloroethene	156-60-5	50	270	<—
1,2-Dichloropropane	78-87-5	50	N.D.	
cis-1,3-Dichloropropene	10061-01-5	50	N.D.	
trans-1,3-Dichloropropene	10061-02-6	50	N.D.	
Ethylbenzene	100-41-4	50	N.D.	
Methylene chloride	75-09-2	100	N.D.	
Styrene	100-42-5	50	N.D.	
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.	
Tetrachloroethene	127-18-4	50	N.D.	
Toluene	108-88-3	50	N.D.	
1,1,1-Trichloroethane	71-55-6	50	N.D.	
1,1,2-Trichloroethane	79-00-5	50	N.D.	
Trichloroethene	79-01-6	50	2,700	<—
Trichlorofluoromethane	75-69-4	100	N.D.	
Vinyl acetate	108-05-4	100	N.D.	
Vinyl chloride	75-01-4	50	N.D.	
Total Xylenes	1330-20-7	50	N.D.	
Dichlorodifluoromethane	75-71-8	50	N.D.	
cis-1-2,-Dichloroethene	156-59-2	50	500	<—
2,2-Dichloropropane	594-20-7	50	N.D.	
Bromochloromethane	74-97-5	50	N.D.	
1,1-Dichloropropene	563-58-6	50	N.D.	
Dibromomethane	74-95-3	50	N.D.	
1,2-Dibromoethane	106-93-4	50	N.D.	

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

Sample Description: Soil, B37C1-GS-1-3'
Laboratory Sample #: 97090432

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	105
Toluene-d8	112
4-Bromofluorobenzene	108

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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, B37C1-GS-2-10.5'
Laboratory Sample Number: 97090433
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/29/97
Reported: 09/30/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Benzene	71-43-2	2.5	4.6	<---
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	3.0	<---
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	7.5	<---
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	4.6	<---
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, B37C1-GS-2-10.5'
Laboratory Sample #: 97090433

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	97
Toluene-d8	112
4-Bromofluorobenzene	107

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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, B37C2-GS-1-3'
Laboratory Sample Number: 97090434
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/25/97
Reported: 09/30/97

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, B37C2-GS-1-3'
Laboratory Sample #: 97090434

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	107
Toluene-d8	105
4-Bromofluorobenzene	102

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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, B37C1-GS-1-3'
Laboratory Sample Number: 97090432
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/22/97
Reported: 09/30/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	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, B37C1-GS-1-3'
Laboratory Sample #: 97090432

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

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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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, B37C1-GS-2-10.5'
Laboratory Sample Number: 97090433
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/22/97
Reported: 09/30/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	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	2,100 <—
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, B37C1-GS-2-10.5'
Laboratory Sample #: 97090433

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

Sample Description: Soil, B37C2-GS-1-3'
Laboratory Sample Number: 97090434
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/22/97
Reported: 09/30/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Acenaphthene	83-32-9	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	300	<—
Benzo (b) fluoranthene	205-99-2	250	550	<—
Benzo (k) fluoranthene	207-08-9	250	380	<—
Benzo (g,h,i)perylene	191-24-2	250	340	<—
Benzo (a) pyrene	50-32-8	250	500	<—
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	700	<—
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	610	<—
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, B37C2-GS-1-3'
Laboratory Sample #: 97090434

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	100	640	<—
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	350	<—
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	190	<—
Phenol	108-95-2	100	N.D.	
Pyrene	129-00-0	100	510	<—
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

Sample Description: Soil, B37C1-GS-2-10.5'

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/24/97
Reported: 09/30/97

Laboratory Sample Number: 97090433
Laboratory Reference #: MWI 9567

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	120 <---
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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil, B37C2-GS-1-3'

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/24/97
Reported: 09/30/97

Laboratory Sample Number: 97090434
Laboratory Reference #: MWI 9567

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
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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 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/22/97
Reported: 09/30/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97090435	Equip Blank	N.D.
97090436	Rinsate Blank	N.D.
Detection Limit:		0.5

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

ORANGE COAST ANALYTICAL

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

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

Sample Description: Water, Equip Blank

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 9/19-22-24/97
Reported: 09/30/97

Laboratory Sample Number: 97090435
Laboratory Reference #: MWI 9567

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: The Boeing Comapny
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 9/19-22-24/97
Reported: 09/30/97

Laboratory Sample Number: 97090436
Laboratory Reference #: MWI 9567

CCR - METALS

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

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

ORANGE COAST ANALYTICAL

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

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

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97090435
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/29/97
Reported: 09/30/97

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 #: 97090435

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	108
Toluene-d8	113
4-Bromofluorobenzene	108

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, Rinsate Blank
Laboratory Sample Number: 97090436
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/29/97
Reported: 09/30/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

ORANGE COAST ANALYTICAL, INC.
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97090436

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	111
Toluene-d8	113
4-Bromofluorobenzene	110

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, Trip Blank
Laboratory Sample Number: 97090437
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/29/97
Reported: 09/30/97

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 #: 97090437

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	106
Toluene-d8	112
4-Bromofluorobenzene	107

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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: 97090435
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/25/97
Reported: 09/30/97

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	3.5 <—
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 #: 97090435

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

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97090436
Laboratory Reference #: MWI 9567

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/25/97
Reported: 09/30/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

ORANGE COAST ANALYTICAL, INC.
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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97090436

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

Sample Description: Water, Equip Blank

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/24/97
Reported: 09/30/97

Laboratory Sample Number: 97090435
Laboratory Reference #: MWI 9567

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: 09/18/97
Received: 09/18/97
Analyzed: 09/24/97
Reported: 09/30/97

Laboratory Sample Number: 97090436
Laboratory Reference #: MWI 9567

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, Equip Blank

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 09/24/97
Reported: 09/30/97

Laboratory Sample Number: 97090435
Laboratory Reference #: MWI 9567

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: 09/18/97
Received: 09/18/97
Analyzed: 09/24/97
Reported: 09/30/97

Laboratory Sample Number: 97090436
Laboratory Reference #: MWI 9567

PCB'S (EPA 8080)

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

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

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QC DATA REPORT

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

Date of Analysis : 09/22/97
Laboratory Sample No : 97090371
Laboratory Reference No : MWI 9567

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	44	45	88	90	2
n-Nitroso-di-n-propylamine	0.0	50	51	54	102	108	6
1,2,4-Trichlorobenzene	0.0	50	44	44	88	88	0
Acenaphthene	0.0	50	47	48	94	96	2
Pyrene	0.0	50	50	51	99	102	2
Pentachlorophenol	0.0	100	81	79	81	79	3
4-Chloro-3-Methylphenol	0.0	100	91	91	91	91	0
2-Chlorophenol	0.0	100	82	82	82	82	0
Phenol	0.0	100	74	74	74	74	0

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 09/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9567

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	35	35	70	70	0
n-Nitroso-di-n-Proylamine	0.0	50	44	41	88	82	7
1,2,4-Trichlorobenzene	0.0	50	41	39	82	78	5
Acenaphthene	0.0	50	45	43	90	86	5
Pyrene	0.0	50	53	54	106	108	2
Pentachlorophenol	0.0	100	77	67	77	67	14
4-Chloro-3-Methylphenol	0.0	100	68	55	68	55	21
2-Chlorophenol	0.0	100	81	73	81	73	10
Phenol	0.0	100	27	26	27	26	4

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 09/19/97-09/22/97-09/24/97
Laboratory Sample No : 97090435-97090436
Laboratory Reference No : MWI 9567

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	3.10	2.90	103	97	7
Arsenic	0.00	1.00	1.00	1.20	100	120	18
Barium	0.00	1.00	1.10	1.10	110	110	0
Beryllium	0.00	0.100	0.110	0.100	110	100	10
Cadmium	0.00	0.100	0.120	0.120	120	120	0
Chromium (VI)	0.00	0.50	0.48	0.48	96	96	0
Chromium (Total)	0.00	0.10	0.094	0.108	94	108	14
Cobalt	0.00	0.100	0.120	0.120	120	120	0
Copper	0.00	0.100	0.100	0.100	100	100	0
Lead	0.00	1.00	1.00	1.00	100	100	0
Mercury	0.000	0.020	0.021	0.021	105	105	0
Molybdenum	0.00	1.00	1.10	1.00	110	100	10
Nickel	0.00	0.50	0.55	0.55	110	110	0
Selenium	0.00	1.00	1.10	1.10	110	110	0
Silver	0.00	0.50	0.43	0.43	86	86	0
Thallium	0.00	3.00	3.10	3.00	103	100	3
Vanadium	0.00	0.50	0.50	0.49	100	98	2
Zinc	0.000	0.100	0.096	0.104	96	104	8

Definition of Terms :

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

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 0919/97-09/24/97-09/26/97
Laboratory Sample No :97090433-9709473
Laboratory Reference No : MWI9567

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	30.0	29.2	28.4	97	95	3
Arsenic	0.00	10.0	9.70	10.4	97	104	7
Barium	1.70	10.0	11.8	11.5	101	98	3
Beryllium	0.00	1.00	0.97	1.00	97	100	3
Cadmium	0.00	1.00	0.97	0.99	97	99	2
Chromium (Total)	0.57	5.00	5.60	5.70	101	103	2
Chromium (VI)	0.00	1.00	0.98	0.98	98	98	0
Cobalt	0.18	1.00	1.10	1.10	92	92	0
Copper	0.10	1.00	1.10	1.10	100	100	0
Lead	0.00	10.0	9.60	9.20	96	92	4
Mercury	0.000	0.020	0.019	0.019	95	95	0
Molybdenum	0.00	10.0	10.2	10.2	102	102	0
Nickel	0.13	5.00	4.7	4.7	91	91	0
Selenium	0.00	10.0	10.7	10.6	107	106	1
Silver	0.00	5.0	4.1	3.9	82	78	5
Thallium	0.00	30.0	27.6	27.2	92	91	1
Vanadium	0.82	5.0	5.7	5.8	98	100	2
Zinc	0.61	5.0	5.6	5.7	100	102	2

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 09/29/97
Laboratory Sample No : 97090437
Laboratory Reference No : MWI 9567

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	19	90	95	5
1,1-Dichloroethene	0.0	20	17	17	85	85	0
Trichloroethene	0.0	20	18	19	90	95	5
Toluene	0.0	20	19	20	95	100	5
Chlorobenzene	0.0	20	19	18	95	90	5

Definition of Terms :

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

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QC DATA REPORT

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

Date of Analysis : 09/29/97
Laboratory Sample No : 97090433
Laboratory Reference No : MWI 9567

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	1.8	50	51	51	98	98	0
1,1-Dichloroethene	0.0	50	46	47	92	94	2
Trichloroethene	0.0	50	54	55	108	110	2
Toluene	3.0	50	53	53	100	100	0
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 : 09/25/97
Laboratory Sample No : 97090381
Laboratory Reference No : MWI 9567

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	48	49	96	98	2
1,1-Dichloroethene	0.0	50	49	50	98	100	2
Trichloroethene	0.0	50	48	57	96	114	17
Toluene	0.0	50	47	48	94	96	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 : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 09/19/97
Laboratory Sample No : 97090365
Laboratory Reference No : MWI 9567

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	104	106	104	106	2

Definition of Terms :

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

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 09/22/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9567

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.5	2.5	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 : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 09/24/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9567

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	0.55	0.44	55	44	22

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 09/24/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9567

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	7.4	6.5	37	33	13

Definition of Terms :

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

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 09/24/97
Laboratory Sample No : 97080477
Laboratory Reference No : MWI 9567

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	85	78	34	31	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

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

COMPANY: Montgomery Watson
SEND REPORT TO: Fred Strauss
ADDRESS: 250 N. Madison Ave, Pasadena, CA 91101
PHONE: (626) 568-6582 FAX: (626) 796-5941

PROJECT INFORMATION

PROJECT NAME: The Boeing Company
NUMBER: 1206035.01090010
LOCATION: C-6 Facility
ADDRESS: 19503 S. Normandie Ave. Los Angeles, CA
SAMPLED BY: AWN/IV/CW

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONT/OTHER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080			REMARKS/PRECAUTIONS
B37C1-GS-1-3'	2	09/18/97	0802	SOIL	2"x6" sleeve	ICE	X	X	X	X					
B37C1-GS-2-10.5'	2	09/18/97	0833	SOIL	↓	↓	X	X	X	X	X				
B37C2-GS-1-3'	2	09/18/97	1018	SOIL	↓	↓	X	X	X	X	X				
EQUIPMENT BLANK	7	09/18/97	1500	WATER	4 amber 1 poly 2 VOAs	None HNO3 HCl	X	X	X	X	X	X			
RINSATE BLANK	7	09/18/97	1515	↓	↓	↓	X	X	X	X	X	X			
TRIP BLANK	2	09/18/97	—	↓	2 VOAs	HCl			X						

Total No. of Samples: 6

Method of Shipment: 1 COOLER VIA ORANGE COAST COURIER

Relinquished By: Ivan Vargas Date/Time: 9/18/97 1610

Received By: Date/Time:

Relinquished By: Date/Time:

Received By: Date/Time:

Relinquished By: Date/Time:

Received For Lab By: [signature] Date/Time: 9/18/97 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 fc osal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0151567

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: Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9567A

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 10/10/97
Reported: 10/10/97

STLC COPPER (TITLE 22/EPA 6010)

Laboratory Sample Number	Client Sample Number	Sample Results (ppm)
97090433	B37C1-GS-2-10.5'	N.D.

Detection Limit:	0.1

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

ORANGE COAST ANALYTICAL

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

Client Project ID: Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9567A

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 10/10/97
Reported: 10/10/97

STLC CHROMIUM (TITLE 22/EPA 6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97090433	B37C1-GS-2-10.5'	12

Detection Limit:	0.1

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

ORANGE COAST ANALYTICAL

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

Client Project ID: Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil,
Laboratory Reference #: MWI 9567A

Sampled: 09/18/97
Received: 09/18/97
Analyzed: 10/10/97
Reported: 10/10/97

TCLP CHROMIUM (EPA 1311/6010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (ppm)*
97090433	B37C1-GS-2-10.5'	N.D.

Detection Limit:	0.1

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

ORANGE COAST ANALYTICAL

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QC DATA REPORT

Analysis : EPA 6010

Date of Analysis : 10/10/97
Laboratory Sample No : 97090433
Laboratory Reference No : MWI 9567A

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Chromium (STLC)	12	10	20	19	80	70	5
Chromium (TCLP)	0.0	1.0	1.1	1.0	110	100	10
Copper(STLC)	0.0	1.00	0.68	0.69	68	69	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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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 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/25/97
Reported: 09/25/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97090536	B37C1-GS-3-5'	22
97090537	OA2-A.7-49-1'	990
97090538	B37C1-GS-4-5'	N.D.
97090539	B37C1-GS-5-5'	21
97090540	B37C1-GS-6-5'	20
97090541	B40-GS-1-1'	47
97090542	B41-GS-1-1'	N.D.
97090543	B41-GS-2-2'	46

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: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Soil, B37C1-GS-3-5'

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09-25/29/30/97
Reported: 10/03/97

Laboratory Sample Number: 97090536
Laboratory Reference #: MWI 9579

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	27
Cobalt	6010	80	8000	0.5	8.0
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	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	37

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: Soil, B37C1-GS-4-5'

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09-25/29/30/97
Reported: 10/03/97

Laboratory Sample Number: 97090538
Laboratory Reference #: MWI 9579

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	24
Cobalt	6010	80	8000	0.5	7.1
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	26
Zinc	6010	250	5000	0.1	32

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

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

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

Sample Description: Soil, B37C1-GS-5-5'

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09-25/29/30/97
Reported: 10/03/97

Laboratory Sample Number: 97090539
Laboratory Reference #: MWI 9579

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	32
Cobalt	6010	80	8000	0.5	8.9
Copper	6010	25	2500	0.1	19
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	14
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	37
Zinc	6010	250	5000	0.1	85

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: Soil, B37C1-GS-6-5'

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09-25/29/30/97
Reported: 10/03/97

Laboratory Sample Number: 97090540
Laboratory Reference #: MWI 9579

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	49
Barium	6010	100	10000	0.1	110
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	28
Cobalt	6010	80	8000	0.5	7.9
Copper	6010	25	2500	0.1	15
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	34
Zinc	6010	250	5000	0.1	44

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, B37C1-GS-3-5'
Laboratory Sample Number: 97090536
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/30/97
Reported: 10/03/97

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, B37C1-GS-3-5'
Laboratory Sample #: 97090536

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	110
Toluene-d8	111
4-Bromofluorobenzene	106

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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, B37C1-GS-4-5'
Laboratory Sample Number: 97090538
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/30/97
Reported: 10/03/97

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	10
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, B37C1-GS-4-5'
Laboratory Sample #: 97090538

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	108
Toluene-d8	112
4-Bromofluorobenzene	108

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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, B37C1-GS-5-5'
Laboratory Sample Number: 97090539
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/30/97
Reported: 10/03/97

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, B37C1-GS-5-5'
Laboratory Sample #: 97090539

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	112
Toluene-d8	112
4-Bromofluorobenzene	106

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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, B37C1-GS-6-5'
Laboratory Sample Number: 97090540
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/30/97
Reported: 10/03/97

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	4.5
1,2-Dichloroethane	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	10
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, B37C1-GS-6-5'
Laboratory Sample #: 97090540

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	106
Toluene-d8	112
4-Bromofluorobenzene	106

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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, B37C1-GS-3-5'
Laboratory Sample Number: 97090536
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/29/97
Reported: 10/03/97

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	110	<---
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, B37C1-GS-3-5'
Laboratory Sample #: 97090536

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	100	100	<---
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	140	<---
1,2,4-Trichlorobenzene	120-82-1	100	N.D.	
2,4,5-Trichlorophenol	95-95-4	100	N.D.	
2,4,6-Trichlorophenol	88-06-2	100	N.D.	

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

Orange Coast Analytical

Mark Noorani
Laboratory Director

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

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

Sample Description: Soil, B37C1-GS-4-5'
Laboratory Sample Number: 97090538
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/29/97
Reported: 10/03/97

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, B37C1-GS-4-5'
Laboratory Sample #: 97090538

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

Sample Description: Soil, B37C1-GS-5-5'
Laboratory Sample Number: 97090539
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/29/97
Reported: 10/03/97

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	150	<---
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-methylphenoi	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, B37C1-GS-5-5'
Laboratory Sample #: 97090539

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	100	130	<---
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	160	<---
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

Sample Description: Soil, B37C1-GS-6-5'
Laboratory Sample Number: 97090540
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/29/97
Reported: 10/03/97

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	460	<—
Benzo (b) fluoranthene	205-99-2	250	530	<—
Benzo (k) fluoranthene	207-08-9	250	270	<—
Benzo (g,h,i)perylene	191-24-2	250	320	<—
Benzo (a) pyrene	50-32-8	250	410	<—
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	410	<—
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, B37C1-GS-6-5'
Laboratory Sample #: 97090540

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*	
Fluoranthene	206-44-0	100	560	<---
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	Trace	
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	160	<---
Phenol	108-95-2	100	N.D.	
Pyrene	129-00-0	100	590	<---
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

Sample Description: Soil, B37C1-GS-3-5'

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 10/02/97
Reported: 10/03/97

Laboratory Sample Number: 97090536
Laboratory Reference #: MWI 9579

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: The Boeing Company
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water,

Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/29/97
Reported: 10/03/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97090544	Equip Blank	N.D.
97090545	Rinsate Blank	N.D.
Detection Limit:		0.5

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

ORANGE COAST ANALYTICAL

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

Client Project ID: The Boeing Comapny
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 9/25/30/97
Reported: 10/03/97

Laboratory Sample Number: 97090544
Laboratory Reference #: MWI 9579

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: The Boeing Comapny
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 9/25/30/97
Reported: 10/03/97

Laboratory Sample Number: 97090545
Laboratory Reference #: MWI 9579

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: 97090544
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/30/97
Reported: 10/03/97

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 #: 97090544

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	107
Toluene-d8	109
4-Bromofluorobenzene	106

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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
Laboratory Sample Number: 97090545
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/30/97
Reported: 10/03/97

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 #: 97090545

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	109
Toluene-d8	109
4-Bromofluorobenzene	106

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: 97090546
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/30/97
Reported: 10/03/97

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 #: 97090546

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	107
Toluene-d8	110
4-Bromofluorobenzene	107

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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: 97090544
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/26/97
Reported: 10/03/97

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 #: 97090544

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

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97090545
Laboratory Reference #: MWI 9579

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 09/26/97
Reported: 10/03/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

ORANGE COAST ANALYTICAL, INC.
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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97090545

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

Sample Description: Water, Equip Blank

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 10/02/97
Reported: 10/03/97

Laboratory Sample Number: 97090544
Laboratory Reference #: MWI 9579

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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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: 09/24/97
Received: 09/24/97
Analyzed: 10/02/97
Reported: 10/03/97

Laboratory Sample Number: 97090545
Laboratory Reference #: MWI 9579

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

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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: 09/24/97
Received: 09/24/97
Analyzed: 10/02/97
Reported: 10/03/97

Laboratory Sample Number: 97090544
Laboratory Reference #: MWI 9579

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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Montgomery Watson
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250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: The Boeing Company
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 09/24/97
Received: 09/24/97
Analyzed: 10/02/97
Reported: 10/03/97

Laboratory Sample Number: 97090545
Laboratory Reference #: MWI 9579

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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Laboratory Director

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 10/02/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9579

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.00	0.56	0.62	56	62	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

ORANGE COAST ANALYTICAL

MARK NOORANI
Laboratory Director

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97120542	97120543	97120544	97120545	97120546	LAB SAMP NO.	R1	T CONC	SL(*)	DL(*)	RECOVER
							SAMP TYPE	S	S	W	W	W	QC(S)					
							RES CODE	PP01	PP01	BF11	BR11	BT11						
							SAMP ID	PL-LTU1-GS-1	PL-LTU1-GS-2	EQUIP BLANK	RINSATE BLANK	TRIP BLANK						
							SAMP DATE	12/23/97	12/23/97	12/23/97	12/23/97	12/23/97						
							SAMP TIME	12:55	13:05	13:25	13:35							
							SAMP DEPTH											
							PRESERVED			, N, H	, N, H	, N, H						
							ICED	Y	Y	Y	Y	Y						
							RECEIVED	12/23/97	12/23/97	12/23/97	12/23/97	12/23/97						
							REC TIME	14:20	14:20	14:20	14:20	14:20						
							BASIS	W	W	W	W	W						
							Tested											
418 1	8 0	0 5		T		ppm	Extractable Hydrocarbons											
							Tested	12/24/97	12/24/97	12/24/97	12/24/97		12/24/97					
6010	5 0	0 5		T		ppm	Antimony	<	<	<	<		97120542	0 0	5.0	4.32	4.26	86
6010	1 0	0 1		T		ppm	Arsenic	1.8	1.9	<	<		97120542	0.18	5.0	4.44	4.36	85
6010	0 1	0 01		T		ppm	Barium	97	110	<	<		97120542	9.7	5.0	13.9	13.9	85
6010	0 1	0 01		T		ppm	Beryllium	<	<	<	<		97120542	0.00	1.00	0.84	0.84	84
6010	0 1	0 01		T		ppm	Cadmium	0.37	0.34	<	<		97120542	0.036	1.00	0.91	0 90	87
							Tested	12/24/97	12/24/97	12/24/97	12/24/97		12/24/97					
7196	0 5	0 01		T		ppm	Chromium (VI)	<	<	<	<		OCA200	0.00	1.00	1.00	1 00	100
							Tested	12/24/97	12/24/97	12/24/97	12/24/97		12/24/97					
6010	0 1	0 01		T		ppm	Chromium Total	18	18	<	<		97120542	1.80	1 00	2 60	2.59	80
6010	0 5	0 1		T		ppm	Cobalt	7.5	8 3	<	<		97120542	0.75	1.00	1.86	1.83	111
6010	0 1	0 01		T		ppm	Copper	17	20	<	<		97120542	1.70	1.00	2.62	2.62	92
6010	1 0	0 1		T		ppm	Lead	14	5 3	<	<		97120542	1.40	5.0	5.55	5.46	83
							Tested	12/24/97	12/24/97	12/24/97	12/24/97		12/24/97					
7471	0 01	0 002		T		ppm	Mercury	<	<	<	<		97120542	0.000	0.020	0.022	0.022	110
							Tested	12/24/97	12/24/97	12/24/97	12/24/97		12/24/97					
6010	0 5	0 1		T		ppm	Molybdenum	<	<	<	<		97120542	0 0	5.0	4.21	4.20	84
6010	0 5	0 1		T		ppm	Nickel	10	12	<	<		97120542	1.00	5.0	5.33	5.31	87
6010	1 0	0 1		T		ppm	Selenium	<	<	<	<		97120542	0.0	5.0	4.60	4.51	92
6010	0 1	0 1		T		ppm	Silver	<	<	<	<		97120542	0 0	5.0	3.93	3.85	79
6010	5 0	0 5		T		ppm	Thallium	<	<	<	<		97120542	0 0	5.0	4.19	4.17	84
6010	0 5	0 1		T		ppm	Vanadium	28	32	<	<		97120542	2 8	5.0	6 98	6 94	83
6010	0 1	0 01		T		ppm	Zinc	39	41	<	<		97120542	3.9	1.0	4.87	4.84	97
							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											

BOE-C6-0151612

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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.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9838

Analytical Method: EPA 8260, 8270, Title 22 Metals

Date Sampled: 12/23/97
Date Received: 12/23/97
Date Reported: 12/23/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

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	<	<	<	<	<	OCA 200	0.0	50	53	52	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	<	<	<	<	<	OCA 200	0.0	50	50	48	100	
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	101	105	108	101	107							
					T	%	Toluene-d8	98	101	107	108	107							
					T	%	4-Bromofluorobenzene	95	96	101	101	103							
							Tested	12/24/97	12/24/97	12/29/97	12/29/97		12/24/97						
							Dilution Factor	1	1	1	1								
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	<	<	<	<		OCA200	0.0	50	46	44	92	
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	<	<	<	<								

BOE-C6-0151614

		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	12/24/97	12/24/97	12/29/97	12/29/97	12/29/97	12/23/97					
							Dilution Factor	1	1	1	1	1	1					
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	<	OCA 200	0.0	50	52	52	104
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	47	47	94
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	54	60	108
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	<	<	<	<	<						

BOE-C6-0151615

8270	100	5.0	621-64-7	T		ppb	N-Nitroso-di-N-propylamine	<	<	<	<		OCA200	0.0	50	47	45	94
8270	100	5.0	62-75-9	T		ppb	N-Nitrosodimethylamine	<	<	<	<							
8270	250	50	87-86-5	T		ppb	Pentachlorophenol	<	<	<	<		OCA200	0.0	100	94	82	94
8270	100	5.0	85-01-8	T		ppb	Phenanthrene	<	<	<	<							
8270	100	5.0	108-95-2	T		ppb	Phenol	<	<	<	<		OCA200	0.0	100	85	78	85
8270	100	5.0	129-00-0	T		ppb	Pyrene	190	170	<	<		OCA200	0.0	50	51	48	102
8270	100	5.0	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<		OCA200	0.0	50	43	41	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											
							Dilution Factor											
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											
							Dilution Factor											
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											
8015m	8.0	0.5		T		ppm	Total											
							Tested											
8015m	8.0	0.5		T		ppm	Diesel											
							Tested											
8015m	5.0	0.05		T		ppm	Gas											

BOE-C6-0151616

8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene	110	110	<	<								
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	89	80	89	
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol	<	<	<	<		OCA200	0.0	100	84	78	84	
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter	<	<	<	<								
8270	100	5.0	218-0109	T		ppb	Chrysene	150	150	<	<								
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	42	41	84	
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	170	160	<	<								
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	<	<	<	<								

BOE-C6-0151617

		QC(W)							
D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL[e]	DL[e]	RECOVER	D RECOVER	RPD
		12/24/97							
85	1	97120545	0.00	1.00	1.02	1.01	102	101	1
84	2	97120545	0.00	1.00	1.00	1.01	100	101	1
84	0	97120545	0.000	0.100	0.098	0.098	98	98	0
84	0	97120545	0.00	0.100	0.101	0.102	101	102	1
86	1	97120545	0.00	0.100	0.113	0.113	113	113	0
		12/24/97							
100	0	97120544	0.00	0.50	0.51	0.50	102	100	2
		12/24/97							
79	0	97120545	0.00	0.100	0.100	0.100	100	100	0
108	2	97120545	0.00	0.100	0.101	0.101	101	101	0
92	0	97120545	0.000	0.100	0.105	0.105	105	105	0
81	2	97120545	0.00	1.00	0.95	0.94	95	94	1
		12/24/97							
110	0	OCA 100	0.000	0.020	0.023	0.024	115	120	4
		12/24/97							
84	0	97120545	0.00	1.00	0.97	1.00	97	100	3
86	0	97120545	0.00	0.50	0.51	0.51	102	102	0
90	2	97120545	0.00	1.00	1.03	1.02	103	102	1
77	2	97120545	0.00	0.50	0.51	0.50	102	100	2
83	0	97120545	0.00	1.00	0.99	0.99	99	99	0
83	0	97120545	0.00	0.50	0.51	0.51	102	102	0
94	1	97120545	0.000	0.100	0.102	0.103	102	103	1

BOE-C6-0151618

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-C6-0151619

104	2	OCA100	0 0	20	19	20	95	100	5
96	4	OCA100	0 0	20	17	17	85	85	0
		12/29/97							
88	4	OCA100	0.0	50	43	48	86	96	11

BOE-C6-0151620

104	0	12/29/97 1 OCA 100	0.0	20	19	19	95	95	0
94	0	OCA100	0.0	20	17	17	85	85	0
120	11	OCA100	0.0	20	19	19	95	95	0

BOE-C6-0151621

90	4	OCA100	0.0	50	46	46	92	92	0
82	14	OCA100	0.0	100	73	81	73	81	10
78	9	OCA100	0.0	100	28	34	28	34	19
96	6	OCA100	0.0	50	50	57	100	114	13
82	5	OCA100	0.0	50	33	39	66	78	17

BOE-C6-0151622

80	11	OCA100	0.0	100	73	80	73	80	9
78	7	OCA100	0.0	100	74	83	74	83	11
82	2	OCA100	0.0	50	29	36	58	72	22

BOE-C6-0151623

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

SOIL RESULTS DUE BY NOON, MONDAY, 12/29/97
REQUIRED TAT: STANDARD TAT FOR WATER

CUSTOMER INFORMATION

COMPANY: Montgomery Watson
SEND REPORT TO: Fred Strauss
ADDRESS: 250 N Madison Ave
Pasadena, CA 91101
PHONE: (626) 568-6352 FAX: (626) 796-5941

PROJECT INFORMATION

PROJECT NAME: The Boring Company
NUMBER: 1206035.01090010
LOCATION: L-6 Facility.
ADDRESS: 19503 S. Normandie Ave.
Los Angeles, CA 90501
SAMPLED BY: JV/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
PL-LTU 1-GS-1	2	12/23/97	1255	SOIL	2"x6" s.s.sleeve	ICE		X	X	X			
PL-LTU 1-GS-2	2	↓	1305	↓	↓			X	X	X			
EQUIPMENT BLANK	6		1325	WATER	3 amber 2 VOAs	none HNO3 HCl		X	X	X			
RINSATE BLANK	6		1335	↓	↓	↓		X	X	X			
TRIP BLANK	2		—	↓	2 VOAs	HCl			X				

Total No. of Samples: 5

Method of Shipment: 1 COOLER VIA ORANGE COAST ANALYTICAL COURIER

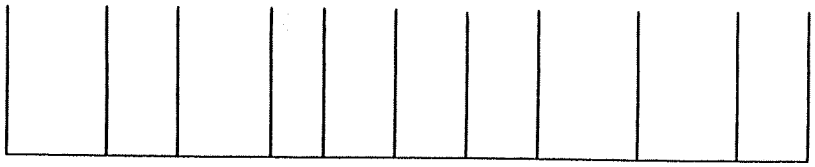
Relinquished By:	Date/Time:	Received By:	Date/Time:
Adam W. Varnis	12/23/97 1420 hrs		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 12/23/97 1420

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 dispo disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0151624



BOE-C6-0151625

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 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/24/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBOANS

aboratory Sample Sumber	*Client Sample Number*	*Extractable Hydrocarbons mg/kg (ppm)*
97060640	WL-GS-5-4'	260
97060641	WL-GS-6-4'	340

Detection Limit:	8.0

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons (mg/kg)*
97060640	WL-GS-5-4'	N.D.
97060641	WL-GS-6-4'	N.D.

Detection Limit:	8.0

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Soil,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Volatile Fuel Hydrocarbons (mg/kg) (ppm)
97060640	WL-GS-5-4'	66
97060641	WL-GS-6-4'	15

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

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, WL-GS-5-4'

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	92
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	25
Cobalt	6010	80	8000	0.5	6.9
Copper	6010	25	2500	0.1	22
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	12
Selenium	6010	1.0	100	1.0	N.D.
Silver	6010	5.0	500	0.1	N.D.
Thallium	6010	7.0	700	5.0	N.D.
Vanadium	6010	24	2400	0.5	27
Zinc	6010	250	5000	0.1	40

Analytes reported as N.D. were not present above the stated limit of detection.

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-GS-6-4'

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Laboratory Sample Number: 97060641
Laboratory Reference #: MWI 9256

CCR - METALS

Analyte	*EPA Method*	*STLC Limits mg/l*	*TTLC Limits mg/kg*	*Detection Limit mg/kg*	*Analysis Result mg/kg*
Antimony	6010	15	500	5.0	N.D.
Arsenic	6010	5.0	500	1.0	N.D.
Barium	6010	100	10000	0.1	92
Beryllium	6010	0.75	75	0.1	N.D.
Cadmium	6010	1.0	100	0.1	N.D.
Chromium (VI)	7196	5.0	500	0.5	N.D.
Chromium Total	6010	560	2500	0.05	25
Cobalt	6010	80	8000	0.5	7.4
Copper	6010	25	2500	0.1	12
Lead	6010	5.0	1000	1.0	N.D.
Mercury	7471	0.2	20	0.01	N.D.
Molybdenum	6010	350	3500	0.5	N.D.
Nickel	6010	20	2000	0.5	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	28
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: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-35-3	50	N.D.
1,2-Dichloroethene	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropene	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethane	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-22-5	50	N.D.
Trichloroethene	79-01-6	50	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	N.D.
Dichlorofluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethane	156-59-4	50	N.D.
2,2-Dichloropropane	590-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
1,2-Dichloropropene	78-87-5	50	N.D.
Dibromomethane	74-95-3	50	N.D.
trans-1,3-Dichloropropane	10061-02-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97060640

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	50	N.D.
Dibromochloromethane	124-48-1	50	N.D.
Isopropylbenzene	98-82-8	50	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	50	N.D.
1,2,3-Trichloropropane	96-18-4	50	N.D.
Bromobenzene	108-86-1	50	N.D.
n-Propylbenzene	103-65-1	50	N.D.
2-Chlorotoluene	95-49-8	50	N.D.
1,3,5-Trimethylbenzene	108-67-8	50	N.D.
4-Chlorotoluene	106-4-4	50	N.D.
tert-Butylbenzene	98-06-6	50	N.D.
1,2,4-Trimethylbenzene	95-63-6	50	N.D.
sec-Butylbenzene	135-98-8	50	N.D.
4-Isopropyltoluene	99-87-6	50	N.D.
1,3-Dichlorobenzene	541-73-1	50	N.D.
1,4-Dichlorobenzene	106-46-7	50	N.D.
n-Butylbenzene	104-51-8	50	N.D.
1,2-Dichlorobenzene	95-50-1	50	N.D.
1-2-Dibromo-2-CPA	96-12-8	100	N.D.
1,2,3-Trichlorobenzene	120-82-1	50	N.D.
Hexachlorobutadiene	87-68-3	50	N.D.
Naphthalene	91-20-3	50	N.D.
1,2,3-Trichlorobenzene	87-61-6	50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries %

Dibromofluoromethane	89
Toluene-d8	102
4-Bromofluorobenzene	92

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-GS-6-4'
Laboratory Sample Number: 97060641
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	50	N.D.
Carbon Disulfide	75-15-0	100	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	100	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-35-3	50	N.D.
1,2-Dichloroethene	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropene	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	100	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethane	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-22-5	50	N.D.
Trichloroethene	79-01-6	50	70
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	N.D.
Dichlorofluoromethane	75-71-8	50	N.D.
cis-1-2,-Dichloroethane	156-59-4	50	N.D.
2,2-Dichloropropane	590-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
1,2-Dichloropropene	78-87-5	50	N.D.
Dibromomethane	74-95-3	50	N.D.
trans-1,3-Dichloropropane	10061-02-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Soil, WL-GS-6-4'
Laboratory Sample #: 97060641

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
1,3-Dichloropropane	142-28-9	50	N.D.
Dibromochloromethane	124-48-1	50	N.D.
Isopropylbenzene	98-82-8	50	N.D.
1.1.2.2-Tetrachloroethane	79-34-5	50	N.D.
1,2,3-Trichloropropane	96-18-4	50	N.D.
Bromobenzene	108-86-1	50	N.D.
n-Propylbenzene	103-65-1	50	N.D.
2-Chlorotoluene	95-49-8	50	N.D.
1,3,5-Trimethylbenzene	108-67-8	50	N.D.
4-Chlorotoluene	106-4-4	50	N.D.
tert-Butylbenzene	98-06-6	50	N.D.
1,2,4-Trimethylbenzene	95-63-6	50	N.D.
sec-Butylbenzene	135-98-8	50	N.D.
4-Isopropyltoluene	99-87-6	50	N.D.
1,3-Dichlorobenzene	541-73-1	50	N.D.
1,4-Dichlorobenzene	106-46-7	50	N.D.
n-Butylbenzene	104-51-8	50	N.D.
1,2-Dichlorobenzene	95-50-1	50	N.D.
1-2-Dibromo-2-CPA	96-12-8	100	N.D.
1,2,3-Trichlorobenzene	120-82-1	50	N.D.
Hexachlorobutadiene	87-68-3	50	N.D.
Naphthalene	91-20-3	50	N.D.
1,2,3-Trichlorobenzene	87-61-6	50	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	85
Toluene-d8	102
4-Bromofluorobenzene	95

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzidine	92-87-5	500	N.D.
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	1,000
Benzo (b) fluoranthene	205-99-2	250	1,400
Benzo (k) fluoranthene	207-08-9	250	570
Benzo (g,h,i)perylene	191-24-2	250	960
Benzo (a) pyrene	50-32-8	250	1,300
Benzyl alcohol	100-51-6	100	N.D.
Bis(2-chloroethoxy)methane	111-91-1	100	N.D.
Bis(2-chloroethyl)ether	111-44-4	100	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	100	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	100	N.D.
Chrysene	218-0109	100	1,200
Dibenz(a,h)anthracene	53-70-3	100	250
Dibenzofuran	132-64-9	100	N.D.
Di-N-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-N-octyl phthalate	117-84-0	250	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97C30640

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	100	1,500
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	250	890
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
N-Nitrosodiphenylamine	86-30-6	100	N.D.
N-Nitroso-di-N-propylamine	621-64-7	100	N.D.
N-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	390
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	1,200
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

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-GS-6-4'
Laboratory Sample Number: 97060641
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzidine	92-87-5	500	N.D.
Benzoic Acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	250
Benzo (b) fluoranthene	205-99-2	250	370
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	310
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	300
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, WL-GS-6-4'
Laboratory Sample #: 97060641

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
Fluoranthene	206-44-0	100	290
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	360
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-Trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, WL-GS-5-4'
Laboratory Sample #: 97060640
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	*Extractable Hydrocarbons (ppm)*
Up to and including C-12	11
C 13-22	27
C 23 & Higher	28
Total	66

Detection Limit:	8.0

Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 3550/8015m

Sample Description: Soil, WL-GS-6-4'
Laboratory Sample #: 97060641
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015M)

Carbon Chain Number	Extractable Hydrocarbons (ppm)
Up to and including C-12	3.4
C 13-22	16
C 23 & Higher	27
Total	46
Detection Limit:	8.0

Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-5-4'

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Laboratory Sample Number: 97060640
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Soil, WL-GS-6-4'

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

Laboratory Sample Number: 97060641
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
PCB-1016	12674-11-2	20	N.D.
PCB-1221	11104-28-2	20	N.D.
PCB-1232	11141-16-5	20	N.D.
PCB-1242	53469-21-9	20	N.D.
PCB-1248	12672-29-6	20	N.D.
PCB-1254	11097-69-1	20	N.D.
PCB-1260	11096-82-5	20	36

Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
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250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: 418.1

Sample Description: Water

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/25/97
Reported: 07/02/97

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Laboratory Sample Number	*Client Sample Number*	*Extractable Hydrocarbons mg/l (ppm)*
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	0.5

Analyte reported as N.D. was not present above the stated limit of detection.

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Montgomery Watson
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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 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/25/97
Reported: 07/02/97

DIESEL ANALYSIS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Extractable Hydrocarbons (mg/l)
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	0.5

Analytes reported as N.D. were not present above the stated limit of detection.

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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Analysis Method: EPA 5030/8015m

Sample Description: Water,

Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 06/25/97

VOLATILE FUEL HYDROCARBONS (EPA 8015M)

Laboratory Sample Number	Client Sample Number	Volatile Fuel Hydrocarbons (ug/l) (ppb)
97060642	Equip Blank	N.D.
97060643	Rinsate Blank	N.D.

Detection Limit:	50

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard.
Hydrocarbons detected by this method range from C6 to C14.
Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
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Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.5	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.05	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.1	N.D.
Mercury	7471	0.002	N.D.
Molybdenum	6010	0.1	N.D.
Nickel	6010	0.05	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.05	N.D.
Thallium	6010	0.5	N.D.
Vanadium	6010	0.1	N.D.
Zinc	6010	0.01	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060642

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	99
4-Bromofluorobenzene	102

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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060643

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	97
Toluene-d8	101
4-Bromofluorobenzene	98

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, Trip Blank
Laboratory Sample Number: 97060644
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/30/97
Reported: 07/02/97

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorofluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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VOLATILE ORGANICS BY GC/MS (EPA 8260) (continued)

Sample Description: Water, Trip Blank
Laboratory Sample #: 97060644

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-4-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Orange Coast Analytical

Mark Noorani
Laboratory Director

Surrogate Recoveries	%
Dibromofluoromethane	95
Toluene-d8	100
4-Bromofluorobenzene	103

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Equip Blank
Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Equip Blank
Laboratory Sample #: 97060642

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detections.

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: ***McDonnell Douglas***
Client Project #: ***1206035.01090010***

Sample Description: Water, Rinsate Blank
Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

Sampled: 06/23/97
Received: 06/23/97
Analyzed: 06/24/97
Reported: 07/01/97

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	N.D.
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (continued)

Sample Description: Water, Rinsate Blank
Laboratory Sample #: 97060643

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	N.D.
4-Methylphenol	106-44-5	5.0	N.D.
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	N.D.
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detections.

Orange Coast Analytical

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/02/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ORANGE COAST ANALYTICAL, INC.
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Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, RinsateBlank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/02/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

ORGANOCHLORINE PESTICIDES (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-9	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33213-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Hetachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Equip Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/01/97

Laboratory Sample Number: 97060642
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

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4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970

Montgomery Watson
ATTN: Mr. Fred Strauss
250 N. Madison Ave.
Pasadena, CA 91101

Client Project ID: McDonnell Douglas
Client Project #: 1206035.01090010

Sample Description: Water, Rinsate Blank

Sampled: 06/23/97
Recevied: 06/23/97
Analyzed: 06/26/97
Reported: 07/01/97

Laboratory Sample Number: 97060643
Laboratory Reference #: MWI 9256

PCB'S (EPA 8080)

Analyte	*CAS NUMBER*	*DETECTION LIMITS (ug/l)*	*SAMPLE RESULTS (ug/l)*
PCB-1016	12674-11-2	5.0	N.D.
PCB-1221	11104-28-2	5.0	N.D.
PCB-1232	11141-16-5	5.0	N.D.
PCB-1242	53469-21-9	5.0	N.D.
PCB-1248	12672-29-6	5.0	N.D.
PCB-1254	11097-69-1	5.0	N.D.
PCB-1260	11096-82-5	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 06/26/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	1.1	0.95	110	95	15

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS + MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/26/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	20	20	17	100	85	16

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : PCB 'S (EPA 8080)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060433
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
PCB-1260	0.0	250	150	140	60	56	7

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.0	3.9	60	78	26

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	82	70	82	70	16

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/24/97
Laboratory Sample No : 97060636
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	30.0	28.0	28.0	93	93	0
Arsenic	0.0	10.0	9.2	9.8	92	98	6
Barium	10.0	10.0	18.0	18.0	80	80	0
Beryllium	0.00	1.00	0.97	0.96	97	96	1
Cadmium	0.00	1.00	0.97	0.98	97	98	1
Chromium (Total)	2.2	5.0	6.8	6.9	92	94	1
Chromium (VI)	0.00	1.00	0.83	0.80	83	80	4
Cobalt	0.84	1.00	1.64	1.73	80	89	5
Copper	1.20	1.00	2.00	2.04	80	84	2
Lead	0.0	10.0	8.7	8.2	87	82	6
Mercury	0.000	0.020	0.018	0.018	90	90	0
Molybdenum	0.0	10.0	9.1	9.3	91	93	2
Nickel	1.00	5.00	5.50	5.60	90	92	2
Selenium	0.0	10.0	8.5	9.3	85	93	9
Silver	0.0	5.0	3.8	4.0	76	80	5
Thallium	0.0	30.0	26.0	26.0	87	87	0
Vanadium	2.7	5.0	7.0	7.2	86	90	3
Zinc	3.1	5.0	7.3	7.6	84	90	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Metals

Date of Analysis : 06/24/97
Laboratory Sample No : 97060538
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	3.00	2.50	2.50	83	83	0
Arsenic	0.00	1.00	0.83	0.80	83	80	4
Barium	0.000	0.100	0.097	0.097	97	97	0
Beryllium	0.00	0.100	0.103	0.095	103	95	8
Cadmium	0.00	0.100	0.105	0.112	105	112	6
Chromium (VI)	0.00	0.50	0.44	0.40	88	80	10
Chromium (Total)	0.00	0.100	0.105	0.117	105	117	11
Cobalt	0.00	0.100	0.089	0.100	89	100	12
Copper	0.000	0.100	0.095	0.109	95	109	14
Lead	0.00	1.00	0.91	0.80	91	80	13
Mercury	0.000	0.020	0.019	0.019	95	95	0
Molybdenum	0.00	1.00	0.84	0.80	84	80	5
Nickel	0.00	0.50	0.56	0.58	112	116	4
Selenium	0.00	1.00	0.80	0.84	80	84	5
Silver	0.00	0.50	0.46	0.41	92	82	11
Thallium	0.00	3.00	2.80	2.40	93	80	15
Vanadium	0.00	0.50	0.53	0.50	106	100	6
Zinc	0.000	0.100	0.089	0.087	89	87	2

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060594
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	50	51	100	102	2
1,1-Dichloroethene	0.0	50	49	48	98	96	2
Trichloroethene	0.0	50	53	56	106	112	6
Toluene	0.0	50	50	51	100	102	2
Chlorobenzene	0.0	50	46	49	92	98	6

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 06/30/97
Laboratory Sample No : 97060644
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	19	100	95	5
1,1-Dichloroethene	0.0	20	19	18	95	90	5
Trichloroethene	0.0	20	20	19	100	95	5
Toluene	0.0	20	20	19	100	95	5
Chlorobenzene	0.0	20	19	19	95	95	0

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/25/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	2.5	2.3	2.4	92	96	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Total Recoverable Petroleum Hydrocarbons (EPA 418.1)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060498
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	100	94	95	94	95	1

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/24/97
Laboratory Sample No : OCA 200
Laboratory Reference No : MWI 9256

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	49	45	98	90	9
n-Nitroso-di-n-propylamine	0.0	50	46	47	92	94	2
1,2,4-Trichlorobenzene	0.0	50	53	48	106	96	10
Acenaphthene	0.0	50	50	47	100	94	6
Pyrene	0.0	50	50	46	100	92	8
Pentachlorophenol	0.0	100	92	88	92	88	4
4-Chloro-3-Methylphenol	0.0	100	87	78	87	78	11
2-Chlorophenol	0.0	100	82	78	82	78	5
Phenol	0.0	100	75	71	75	71	5

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060628
Laboratory Reference No : MWI 9256

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	50	48	42	96	84	13

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 06/24/97
Laboratory Sample No : OCA 100
Laboratory Reference No : MWI 9256

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	37	38	74	76	3
n-Nitroso-di-n-propylamine	0.0	50	44	49	88	98	11
1,2,4-Trichlorobenzene	0.0	50	44	43	88	86	2
Acenaphthene	0.0	50	50	51	100	102	2
Pyrene	0.0	50	50	50	100	100	0
Pentachlorophenol	0.0	100	82	87	82	87	6
4-Chloro-3-Methylphenol	0.0	100	74	77	74	77	4
2-Chlorophenol	0.0	100	76	77	76	77	1
Phenol	0.0	100	23	22	23	22	4

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (EPA 5030 / 8015m)

Date of Analysis : 06/24/97
Laboratory Sample No : 97060538
Laboratory Reference No : MWI 9256

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0	250	300	260	120	104	14

Definition of Terms :

R1	Results Of First Analysis
SP	Spike Concentration Added to Sample
MS	Matrix Spike Results
MSD	Matrix Spike Duplicate Results
PR1	Percent Recovery Of MS: {(MS-R1) / SP} x100
PR2	Percent Recovery Of MSD: {(MSD-R1) / SP} x 100
RPD	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

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Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: AS NOTED BELOW

CUSTOMER INFORMATION

COMPANY: Montgomery Watson
SEND REPORT TO: Fred Strauss
ADDRESS: 250 N. Madison Ave. Pasadena, CA 91101
PHONE: (818) 568-6582 FAX: (818) 796-5941

PROJECT INFORMATION

PROJECT NAME: McDonnell Douglas
NUMBER: 1206035.01090010
LOCATION: C-6 Facility
ADDRESS: 19503 S. Normandie Ave. Los Angeles, CA
SAMPLED BY: IV/GW

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	VOCs 8260	SVOCs 8270	Title 22 Metals	Carbon Chain	PCBs 8080	8015 Gas	8015 Diesel	Pesticides 8080	REMARKS/PRECAUTIONS
WL-GS-5-4'	2	6/23/97	0921	SOIL	2"x6" SS Sleeves	ICE	X	X	X	X	X	X	X	X		48 hr TAT (TRPH only 24 hr TAT)
WL-GS-6-4'	2	↓	0925	↓	↓	↓	X	X	X	X	X	X	X	X		↓
Equipment Blank	9	↓	1445	WATER	5 Amber 1 Poly 3 VOAs	HNO3	X	X	X	X		X	X	X	X	Standard TAT
Rinsate Blank	9	↓	1500	↓	↓	↓	X	X	X	X		X	X	X	X	↓
Trip Blank	2	↓	—	↓	2 VOAs	HCl	↓	X								

Total No. of Samples: 5

Method of Shipment: 1 cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Adam W. Nance	6/23/97 1530		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	6/23/97 3:30 PM

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]osal. A disposal fee may be imposed if client fails to pickup samples.