Appendix C

MONTGOMERY WATSON

ONSITE
ENVIRONMENTAL
LABORATORIES, INC.

Analytical Laboratory Report
TRPH
EPA Method 418.1

Date Sampled:	4/10/97	**Proj Mgr:**	Rus Purcell
Date Received:	4/10/97	**Client:**	Kennedy/Jenks
Report Number:	1D056C.RPT	**Project:**	974002.00
Lab Number:	1D056	**Units Soil:**	mg/Kg
Date Reported:	4/11/97	**Units Water:**	ug/L
Date Revised:	4/15/97		

Lab ID No.	Field ID No.	Date Extracted	Date Analyzed	TRPH	Dilution Factor	Matrix
1D056-31	2BB-1-35-1	4/10/97	4/10/97	ND	1	Soil

Reporting Limits SOIL mg/Kg	10

NOTES
NR - Not requested
ND - Analytes not detected at, or above the reporting limit
mg/Kg - Milligrams per kilogram (PPM)
ug/L - Micrograms per liter (PPB)
PQL - Practical Quantitation Limit. Equals detection limit times the dilution factor
M - Matrix effects
DF - Dilution Factor

PROCEDURES
TRPH - This analysis was performed using EPA Method 418.1

CERTIFICATION
California Department of Health Services ELAP
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538 (510) 490-8571

Gareth Voigt
Laboratory Director

MAY 0 7 1997
Date

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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-1-35-1

Laboratory Sample Number: 97040472
Laboratory Reference #: KJC 8889

Sampled: 04-10-97
Received: 04-10-97
Analyzed: 04-12-97
Reported: 04-23-97

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	350	<---
Barium	6010	100	10000	0.1	72	<---
Beryllium	6010	0.75	75	0.1	N.D.	
Cadmium	6010	1.0	100	0.1	9.4	<---
Chromium (VI)	7196	5.0	500	0.5	N.D.	
Chromium Total	6010	560	2500	0.05	29	<---
Cobalt	6010	80	8000	0.5	12	<---
Copper	6010	25	2500	0.1	16	<---
Lead	6010	5.0	1000	1.0	N.D.	
Mercury	7471	0.2	20	0.01	N.D.	
Molybdenum	6010	350	3500	0.5	N.D.	
Nickel	6010	20	2000	0.5	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	26	<---
Zinc	6010	250	5000	0.1	47	<---

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

ORANGE COAST ANALYTICAL

Mark Noorani
Laboratory Director

ONSITE
ENVIRONMENTAL
LABORATORIES, INC.

LABORATORY ANALYTICAL REPORT FOR ORGANICS

METHOD : EPA 8260 | Project No: 974002.00 | REPORTING UNITS : µg/Kg

		DATE ANALYZED	4/10/97
		DATE EXTRACTED	N/A
		LAB SAMPLE ID	1D056-31
		CLIENT SAMPLE ID : 2BB-	1-35-1
		EXTRACTION SOLVENT	
		EXTRACTION METHOD	
		DILUTION FACTOR	1
COMPOUND		CRDL	
Benzene		5	ND
Bromodichloromethane		5	ND
Bromoform		5	ND
Bromomethane		5	ND
Carbon tetrachloride		5	ND
Chlorobenzene		5	ND
Chloroethane		5	ND
Chloroform		5	ND
Chloromethane		5	ND
Dibromochloromethane		5	ND
1,2-Dichlorobenzene		5	ND
1,3-Dichlorobenzene		5	ND
1,4-Dichlorobenzene		5	ND
Dichlorodifluoromethane (Freon 12)		5	ND
1,1-Dichloroethane (1,1-DCA)		5	ND
1,2-Dichloroethane (1,2-DCA)		5	ND
1,1-Dichloroethene (1,1-DCE)		5	ND
cis-1,2-Dichloroethene (c-1,2-DCE)		5	37
trans-1,2-Dichloroethene (t-1,2-DCE)		5	ND
1,2-Dichloropropane		5	ND
cis-1,3-Dichloropropene		5	ND
trans-1,3-Dichloropropene		5	ND
Ethyl benzene		5	ND
Methylene chloride (Dichloromethane)		5	ND
1,1,1,2-Tetrachloroethane		5	ND
1,1,2,2-Tetrachloroethane		5	ND
Tetrachloroethene (PCE)		5	ND
Toluene		5	ND
1,1,1-Trichloroethane (1,1,1-TCA)		5	ND
1,1,2-Trichloroethane (1,1,2-TCA)		5	ND
Trichloroethene (TCE)		5	7.0
Trichlorofluoromethane (Freon 11)		5	ND
m,p-Xylenes		5	ND
o-Xylene		5	ND
Vinyl chloride (VC)		5	ND
TPH as gasoline		1000	ND
SURROGATE	SPK conc	ACP %	%RC
Dibromofluoromethane	50	75%-120%	99%
Toluene-d8	50	80%-115%	102%
4-Bromofluorobenzene	50	75%-125%	96%

Notes :

ND - Analytes not detected at, or above the stated detection limit
PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample
M - Matrix effect confirmed

Gareth Voigt
Laboratory Director

MAY 07 1997
Date

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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-1-35-1
Laboratory Sample #: 97040472
Laboratory Reference #: KJC 8889

Sampled : 04-10-97
Received: 04-10-97
Analyzed: 04-16-97
Reported: 04-23-97

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	N.D.	
Benzidine	92-87-5	500	N.D.	
Benzoic Acid	65-85-0	250	N.D.	
Benzo(a)anthracene	56-55-3	100	460	<---
Benzo(b)fluoranthene	205-99-2	250	640	<---
⁻enzo(k)fluoranthene	207-08-9	250	N.D.	
;nzo(g,h,i)perylene	191-24-2	250	470	<--
Benzo(a)pyrene	50-32-8	250	540	<--
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	550	<---
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-1-35-1
Laboratory Sample #: 97040472

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	800	<---
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	480	<---
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	190	<---
Phenol	108-95-2	100	N.D.	
Pyrene	129-00-0	100	600	<---
1,2,4-Trichlorobenzene	120-82-1	100	N.D.	
2,4,5-Trichlorophenol	95-95-4	100	N.D.	
2,4,6-Trichlorophenol	88-06-2	100	N.D.	

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

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Client Project ID: Douglas Aircraft
Client Project #: 974002.00

Sample Description: Soil

Laboratory Reference #: KJC 8889

Sampled : 04-10-97
Received: 04-10-97
Analyzed: 04-15-97
Reported: 04-23-97

CYANIDE (EPA 9010)

Laboratory Sample Number	*Client Sample Number*	*Sample Results (mg/kg)*
97040472	2BB-1-35-1	N.D.

Detection Limit: 0.2

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

Orange Coast Analytical

Mark Noorani
Laboratory Director