ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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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 9690

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

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

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100438	97100439	97100440	97100441	97100442	97100443	97100444	97100445
							SAMP TYPE	S	S	S	S	S	S	W	W
							RES CODE	PP01	PP01	PP01	PP01	PP01	PP01	BF11	BR11
							SAMP ID	B37-GS-208-8'	B37-GS-209-10'	B37-GS-210-7'	B37-GS-211-8'	B37-GS-212-10'	B37-GS-213-8'	EQUIP BLANK	RINSATE BLANK
							SAMP DATE	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
							SAMP TIME	13 05	13 10	13:25	14 00	14 15	14:20	14 50	15:05
							SAMP DEPTH	8'	10'	7'	8'	10'	8'		
							PRESERVED							N H	N, H
							ICED	Y	Y	Y	Y	Y	Y	Y	Y
							RECEIVED	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97	10/29/97
							REC TIME	15:45	15.45	15:45	15:45	15:45	15:45	15:45	15:45
							BASIS	W	W	W				W	W
							Tested	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	11/03/97	11/03/97
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons	<	380	<	<	35	<	<	<
							Tested	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97
6010	5.0	0.5		T		ppm	Antimony	<	<	<	<	<	<	<	<
6010	1.0	0.1		T		ppm	Arsenic	10	13	9.4	9.4	9.6	7.9	<	<
6010	0.1	0.01		T		ppm	Barium	81	97	120	140	110	64	<	<
6010	0.1	0.01		T		ppm	Beryllium	<	<	<	<	<	<	<	<
6010	0.1	0.01		T		ppm	Cadmium	<	<	<	<	<	<	<	<
							Tested	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<	<	<	<	<
							Tested	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97
6010	0.1	0.01		T		ppm	Chromium Total	32	27	36	38	30	23	<	<
6010	0.5	0.1		T		ppm	Cobalt	8.2	7.3	14	4.9	9.2	6.6	<	<
6010	0.1	0.01		T		ppm	Copper	11	15	15	15	13	8.5	<	<
6010	1.0	0.1		T		ppm	Lead	<	<	<	<	<	<	<	<
							Tested	11/05/97	11/05/97	11/05/97	11/05/97	11/05/97	11/05/97	11/05/97	11/05/97
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<	<	<	<	<
							Tested	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97	11/04/97
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Nickel	14	12	14	11	13	11	<	<
6010	1.0	0.1		T		ppm	Selenium	<	<	<	<	<	<	<	<
6010	0.1	0.1		T		ppm	Silver	<	<	<	<	<	<	<	<
6010	5.0	0.5		T		ppm	Thallium	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Vanadium	38	29	41	35	30	23	<	<
6010	0.1	0.01		T		ppm	Zinc	55	48	64	53	50	38	<	<
STLC							*Tested*								
		5.0		S		ppm	Antimony								
		1.0		S		ppm	Arsenic								
		0.1		S		ppm	Barium								
		0.1		S		ppm	Beryllium								
		0.1		S		ppm	Cadmium								
		0.5		S		ppm	Chromium (VI)								
		0.1		S		ppm	Chromium Total								
		0.5		S		ppm	Cobalt								
		0.1		S		ppm	Copper								

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

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

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

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

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MWI 9690

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

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

* Matrix Interference

BOE-C6-0084308

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

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

BOE-C6-0084310

MWI 9690

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

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

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

BOE-C6-0084313

BOE-C6-0084314

F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 10/30/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

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

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

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

B37-GS-209-10'

Please call me at (626) 568-6334 to confirm your receipt of this fax.
Thanks!

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

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

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

24 TAT on soil TRPHs Standard TAT otherwise
REQUIRED TAT:

CUSTOMER INFORMATION

COMPANY: MONTGOMERY WATSON
SEND REPORT TO: FRED STRAUSS
ADDRESS: 250 N. MADISON AVE.
PASADENA, CA 91101
PHONE: (626) 568-6592 FAX: (626) 568-6515

PROJECT INFORMATION

PROJECT NAME: THE BOEING COMPANY
NUMBER: 1206035.01090010
LOCATION: C-6 FACILITY
ADDRESS: 19503 S. NORMANDIE AVE.
LOS ANGELES, CA 90501
SAMPLED BY: IV / CW

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	TITLE 22 METALS	VOCs 8260	SVOCs 8270	PCBs 8080	PESTICIDES 8080	REMARKS/PRECAUTIONS
B37-GS-208-8'	2	10/28/97	1305	SOIL	2"x6" sleeve	ICE	X	X					
B37-GS-209-10'	2	10/28/97	1310	↓	↓		X	X					
B37-GS-210-7'	2	10/28/97	1325				X	X					
B37-GS-211-8'	2	10/28/97	1400				X	X					
B37-GS-212-10'	2	10/28/97	1415				X	X					
B37-GS-213-8'	2	10/28/97	1420	↓	↓		X	X					
EQUIPMENT BLANK	7	10/28/97	1450	WATER	1 Gallon, 2 VOAs	none, VOAs HCl	X	X	X	X	X	X	
RINSATE BLANK	7	10/28/97	1505	↓	↓	↓	X	X	X	X	X	X	
TRIP BLANK	2	10/28/97	—	↓	2 VOAs	HCl			X				

ERROR
DATE SHOULD BE NOTED AS 10/29/97
AWN 10/30/97

Total No. of Samples: 9

Method of Shipment: 1 cooler via Orange Coast Analytical courier

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

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

Sample Integrity: (check)
Intact _____ on ice _____

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

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

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: 24 TAT on soil TRPH; Standard TAT otherwise

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: MONTGOMERY WATSON	PROJECT NAME: THE BOEING COMPANY
SEND REPORT TO: FRED STRAUSS	NUMBER: 1206035.01090010
ADDRESS: 250 N. MADISON AVE.	LOCATION: C-6 FACILITY
PASADENA, CA 91101	ADDRESS: 19503 S. NORMANDIE AVE.
	LOS ANGELES, CA 90501
PHONE: (626)568-6582 FAX: (626)568-6515	SAMPLED BY: IV / CW

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	TITLE 22 METALS	VOCs 8260	SVOCs 8270	PCBs 8080	PESTICIDES 8080			REMARKS/PRECAUTIONS
B37-GS-208-8'	2	10/28/97	1305	SOIL	2"x6" ss sleeve	ICE	X	X							
B37-GS-209-10'	2	10/28/97	1310				X	X							
B37-GS-210-7'	2	10/28/97	1325				X	X							
B37-GS-211-8'	2	10/28/97	1400				X	X							
B37-GS-212-10'	2	10/28/97	1415				X	X							
B37-GS-213-8'	2	10/28/97	1420				X	X							
EQUIPMENT BLANK	7	10/28/97	1450	WATER	4 amber 1 poly 2 VOAs	none HNO3 HCl	X	X	X	X	X	X			
RINSATE BLANK	7	10/28/97	1505				X	X	X	X	X	X			
TRIP BLANK	2	10/28/97	—		2 VOAs	HCl			X						

Total No. of Samples: 9

Method of Shipment: 1 cooler via Orange Coast Analytical courier

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

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

Sample Integrity: (check)
Intact _____ on ice _____

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

BOE-C6-0084317

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

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

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9692

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

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

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97100449	97100450	97100451	97100452	97100453	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]	RECOVER
							SAMP TYPE	S	S	W	W	W	QC(S)					
							RES CODE	PP01	PP01	BF11	BR11	BT11						
							SAMP ID	SD-1COMP	B37-GS-214-6'	EQUIP BLANK	RINSATE BLANK	TRIP BLANK						
							SAMP DATE	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97						
							SAMP TIME		10:15	14:50	15:00							
							SAMP DEPTH		6'									
							PRESERVED			, N, H	, N, H	, N, H						
							ICED	Y	Y	Y	Y	Y						
							RECEIVED	10/30/97	10/30/97	10/30/97	10/30/97	10/30/97						
							REC TIME	15:30	15:30	15:30	15:30	15:30						
							BASIS	W	W	W	W	W						
							Tested		10/31/97	11/03/97	11/03/97		10/31/97					
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons		50,000	<	<		97100440	0.0	100	107	108	107
							Tested		11/04/97	11/04/97	11/04/97		11/04/97					
6010	5.0	0.5		T		ppm	Antimony		<	<	<		97100443	0.0	30.0	28.0	29.0	93
6010	1.0	0.1		T		ppm	Arsenic		10	<	<		97100443	0.79	10.0	9.9	10.2	91
6010	0.1	0.01		T		ppm	Barium		110	<	<		97100443	6.4	10.0	16.7	16.6	103
6010	0.1	0.01		T		ppm	Beryllium		<	<	<		97100443	0.00	1.00	0.96	0.96	96
6010	0.1	0.01		T		ppm	Cadmium		<	<	<		97100443	0.00	1.00	0.88	0.91	88
							Tested		10/31/97	10/31/97	10/31/97		10/31/97					
7196	0.5	0.01		T		ppm	Chromium (VI)		<	<	<		97100450	0.00	1.00	0.99	1.00	99
							Tested	11/04/97	11/04/97	11/04/97	11/04/97		11/04/97					
6010	0.1	0.01		T		ppm	Chromium Total		32	<	<		97100443	2.30	5.00	6.70	7.00	88
6010	0.5	0.1		T		ppm	Cobalt	8.0	7.6	<	<		97100443	0.66	1.00	1.50	1.60	84
6010	0.1	0.01		T		ppm	Copper		11	<	<		97100443	0.85	1.00	1.70	1.80	85
6010	1.0	0.1		T		ppm	Lead		<	<	<		97100443	0.00	10.0	8.00	8.00	80
							Tested		11/05/97	11/05/97	11/05/97		11/05/97					
7471	0.01	0.002		T		ppm	Mercury		<	<	<		97100450	0.000	0.020	0.021	0.020	105
							Tested		11/04/97	11/04/97	11/04/97		11/04/97					
6010	0.5	0.1		T		ppm	Molybdenum		<	<	<		97100443	0.0	10.0	10.4	10.1	104
6010	0.5	0.1		T		ppm	Nickel		13	<	<		97100443	1.10	5.00	5.50	5.60	88
6010	1.0	0.1		T		ppm	Selenium		<	<	<		97100443	0.0	10.0	10.2	10.3	102
6010	0.1	0.1		T		ppm	Silver		<	<	<		97100443	0.0	5.0	4.0	4.0	80
6010	5.0	0.5		T		ppm	Thallium		<	<	<		97100443	0.0	30.0	31.0	31.0	103
6010	0.5	0.1		T		ppm	Vanadium		33	<	<		97100443	2.5	5.0	7.0	6.9	90
6010	0.1	0.01		T		ppm	Zinc		41	<	<		97100443	3.8	5.0	8.7	8.8	96
STLC							***Tested***											
		5.0		S		ppm	Antimony											
		1.0		S		ppm	Arsenic											
		0.1		S		ppm	Barium											
		0.1		S		ppm	Beryllium											
		0.1		S		ppm	Cadmium											
		0.5		S		ppm	Chromium (VI)											
		0.1		S		ppm	Chromium Total											
		0.5		S		ppm	Cobalt											
		0.1		S		ppm	Copper											

BOE-C6-0084319

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

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

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

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

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MWI 9692

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

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

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

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

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

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

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

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F A X

MONTGOMERY WATSON

250 N. Madison Avenue
Pasadena, California 91101

Tel: 818 568 6334
Fax: 818 796 5941

Date: 10/31/97

To: Mark Noorani

Fax No: (714) 832-0067

From: Steve Reiners

Reference: MDRC

Subject: Additional Analyses

No. of Pages: 1
(including cover)

Comments:

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

B37-GS-214-6'

Please call me at (626) 568-6334 to confirm your receipt of this fax.
Thanks!

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

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

Analysis Request and Chain of Custody Record

Lab Job No: ____
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REQUIRED TAT: 24 hr TAT on Soil TRPH only; Standard TAT Otherwise

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	C-6 Facility
		ADDRESS:	19503 S. Normandie Ave. Los Angeles, CA 90501
PHONE:	(626) 568-6582 FAX: (626) 568-6515	SAMPLED BY:	IV/CW

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080	Cobalt	REMARKS/PRECAUTIONS
SD-1A	1	10/30/97	0942	SEDIMENT	2"x6" SS SLEEVE	ICE								COMPOSITE TO SD-1COMP
SD-1B	1	10/30/97	0945	SEDIMENT	2"x6" SS SLEEVE									COMPOSITE TO SD-1COMP
SD-1COMP													X	* COMPOSITE OF SD-1A, SD-1B —COMPOSITE AT LAB—
B37-GS-214-6'	2	10/30/97	1015	SOIL	2"x6" SS SLEEVE		X	X	X	X	X			
Equipment Blank	7	10/30/97	1450	WATER	Amber 1 poly 3 VOAs	none HNO3 HCl	X	X	X	X	X	X		
Rinsate Blank	7	10/30/97	1500	WATER	↓	↓	X	X	X	X	X	X		
Trip Blank	2	10/30/97	—	WATER	2 VOAs	HCl ↓			X					

Total No. of Samples: 1		Method of Shipment: 1 cooler via Orange Coast Analytical Courier	
Relinquished By: Ivan Vargas	Date/Time: 10/30/97 1530	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [illegible]	Date/Time: 10/30/97 15:30

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

Sample Integrity: (check)
Intact ____ on ice ____

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