AOI4 - Building Cluster
Parcel B Boeing C-6 Facility

Sample Location	Depth (feet)	Sample ID No.	Date of Collection	Time of Collection	Analytical Parameters: VOCs EPA 8260 (4-oz)	SVOCs EPA 8270 (4-oz glass or stainless steel sleeve)	PCBs EPA 8080 (4-oz glass or stainless steel sleeve)	Title 22 Metals[b] (4-oz glass or stainless steel sleeve)	Submit to Lab for Analysis	Submit to Lab for HOLD	Date Sample Submitted to Laboratory	Chain-of-Custody No.	Comments	Soil Indicates Impact? YES (Excav. Area#)	Soil Indicates Impact? NO (NFA)
BUILDING H - MAINTENANCE OPERATIONS															
B1	0	AOI4-B1-1-0.0	5 /20 /1998	950	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 24.4 ppm; No staining/odor		X
	5	AOI4-B1-2-5.0	5 /20/1998	955	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 76 ppm; No staining/odor		X
	10	AOI4-B1-3-10.0	5 /20/1998	1000	NA	NA	X	NA		X	5/20/98	AOI4-2	PID= 58 ppm; No staining/odor - HOLD		X
B2	0	AOI4-B2-1-0.0	5 /20/1998	1015	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 27.5 ppm; No staining/odor		X
	5	AOI4-B2-2-5.0	5 /20/1998	1020	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 46.3 ppm; No staining/odor		X
	9.5	AOI4-B2-3-9.5	5 /20/1998	1025	NA	NA	X	NA		X	5/20/98	AOI4-2	PID= 42.4 ppm; No staining/odor - HOLD		X
B3	0	AOI4-B3-1-0.0	5 /20/1998	1045	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 84.4 ppm;No staining/odor		X
	5	AOI4-B3-2-5.0	5 /20/1998	1050	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 96.5 ppm; No staining/odor		X
	9.5	AOI4-B3-3-9.5	5 /20/1998	1055	X	NA	X	NA	X	X	5/20/98	AOI4-2	PID= 125 ppm; No staining/odor		X
B4	0.5	AOI4-B4-1-0.5	5 /20/1998	1110	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 27.3 ppm; No staining/odor		X
	4.5	AOI4-B4-2-4.5	5 /20/1998	1115	X	NA	X	NA	X		5/20/98	AOI4-2	PID= 110 ppm; No staining/odor		X
(dup)	5	AOI4-B4-2D-5.0	5 /20/1998	1115	X	NA	X	NA	X		5/20/98	AOI4-2	PID= 110 ppm; No staining/odor		X
	9.5	AOI4-B4-3-9.5	5 /20/1998	1120	NA	NA	X	NA		X	5/20/98	AOI4-2	PID= 67.9 ppm; No staining/odor - HOLD		X
B5	0	AOI4-B5-1-0.0	5 /20/1998	1200	X	NA	X	NA	X		5/20/98	AOI4-2	PID= 196 ppm; No odor/staining		X
	5	AOI4-B5-2-5.0	5 /20/1998	1205	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 71.5 ppm; No staining/odor		X
	9.5	AOI4-B5-3-9.5	5 /20/1998	1210	NA	NA	X	NA		X	5/20/98	AOI4-2	PID= 81.1 ppm; No staining/odor - HOLD		X
B6	0	AOI4-B6-1-0.0	5 /20/1998	1235	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 71.3 ppm; No staining/odor		X
	5	AOI4-B6-2-5.0	5 /20/1998	1240	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 43.5 ppm; No staining/odor		X
	9.5	AOI4-B6-3-9.0	5 /20/1998	1245	NA	NA	X	NA		X	5/20/98	AOI4-2	PID= 92.1 ppm; No staining/odor - HOLD		X
B7	0	AOI4-B7-1-0.0	5 /20/1998	1325	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 67 ppm; No staining/odor		X
	5	AOI4-B7-2-5.0	5 /20/1998	1330	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 127 ppm; No staining/odor		X
	9.5	AOI4-B7-3-9.5	5 /20/1998	1335	NA	NA	X	NA	X	X	5/20/98	AOI4-2	PID= 57.6 ppm; No staining/odor - HOLD		X
B8	1	AOI4-B8-1-1.0	5 /20/1998	1420	NA	NA	X	NA	X		5/20/98	AOI4-2	Gravel encountered on top 1 foot; sample collected beneath gravel; PID= 53.1ppm; No staining/odor		X
	5	AOI4-B8-2-5.0	5 /20/1998	1425	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 18.2 ppm; No staining/odor		X
	9.5	AOI4-B8-3-9.5	5 /20/1998	1430	NA	NA	X	NA	X	X	5/20/98	AOI4-2	PID= 67.9 ppm; No staining/odor - HOLD		X
B9	0	AOI4-B9-1-0.0	5 /20/1998	1500	X	NA	X	NA	X		5/20/98	AOI4-2	PID= 445 ppm; No staining/odor		X
	5	AOI4-B9-2-5.0	5 /20/1998	1505	X	NA	X	NA	X		5/20/98	AOI4-2	PID= 100 ppm; No staining/odor		X
	9.5	AOI4-B9-3-9.5	5 /20/1998	1510	X	NA	X	NA		X	5/20/98	AOI4-2	PID= 188 ppm; No staining/odor - HOLD		X
B10	0	AOI4-B10-1-0.0	5 /20/1998	1540	X	NA	X	NA	X		5/20/98	AOI4-2	PID= 251 ppm; No staining/odor		X
	5	AOI4-B10-2-5.0	5 /20/1998	1545	X	NA	X	NA	X		5/20/98	AOI4-2	PID= 260 ppm; No staining/odor		X
	9.5	AOI4-B10-3-9.5	5 /20/1998	1550	X	NA	X	NA		X	5/20/98	AOI4-2	PID= 308 ppm; No staining/odor - HOLD		X

BOE-C6-0110733

AOI4 - Building Cluster
Parcel B Boeing C-6 Facility

Sample Location	Depth (feet)	Sample ID No.	Date of Collection	Time of Collection	Analytical Parameters: VOCs EPA 8260 (4-oz)	SVOCs EPA 8270 (4-oz glass or stainless steel sleeve)	PCBs EPA 8080 (4-oz glass or stainless steel sleeve)	Title 22 Metals[a] (4-oz glass or stainless steel sleeve)	Submit to Lab for Analysis	Submit to Lab for HOLD	Date Sample Submitted to Laboratory	Chain-of-Custody No.	Comments	Soil Indicates Impact? YES (Excav. Area#)	Soil Indicates Impact? NO (NFA)
B11	0	AOI4-B11-1-0.0	5 /20/1998	1615	X	NA	X	NA	X		5/20/98	AOI4-2	PID= 145 ppm; No staining/odor		X
	4.5	AOI4-B11-2-4.5	5 /20/1998	1620	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 37.5 ppm; No staining/odor		X
(dup)	5	AOI4-B11-2D-5.0	5 /20/1998	1620	NA	NA	X	NA	X		5/20/98	AOI4-2	PID= 37.5 ppm; No staining/odor		X
	9.5	AOI4-B11-3-9.5	5 /20/1998	1625	X	NA	X	NA		X	5/20/98	AOI4-2	PID= 123 ppm; No staining/odor - HOLD		X
B12	1	AOI4-B12-1-1.0	5 /21 /1998	730	NA	NA	X	NA	X		5/21/98	AOI4-3	Gravel encountered on top 1 foot; sample collected beneath gravel; PID= 305 ppm; No staining/odor		X
	5	AOI4-B12-2-5.0	5 /21 /1998	735	NA	NA	X	NA	X		5/21/98	AOI4-3	PID= 462 ppm; No staining/odor		X
	9.5	AOI4-B12-3-9.5	5 /21 /1998	740	NA	NA	X	NA	X		5/21/98	AOI4-3	PID= 401ppm; No staining/odor; TOC analysis only		X
B13	1	AOI4-B13-1-1.0	5 /21 /1998	840	NA	NA	X	NA	X		5/21/98	AOI4-3	Gravel encountered on top 1 foot; sample collected beneath gravel; PID= 4.4 ppm; No staining/odor		X
	5	AOI4-B13-2-5.0	5 /21 /1998	845	NA	NA	X	NA	X		5/21/98	AOI4-3	PID= 2.7 ppm; No staining/odor		X
	10	AOI4-B13-3-10.0	5 /21 /1998	850	NA	NA	X	NA	X		5/21/98	AOI4-3	PID= 16.4 ppm; No staining/odor		X
	15	AOI4-B13-4-15.0	5 /21 /1998	855	NA	NA	X	NA		X	5/21/98	AOI4-3	PID= 55.7 ppm; No staining/odor - HOLD		X
B14	1	AOI4-B14-1-1.0	5 /21 /1998	930	X	NA	X	NA	X		5/21/98	AOI4-3	Gravel encountered on top 1 foot; sample collected beneath gravel; PID= 231 ppm; No staining/odor		X
	5	AOI4-B14-2-5.0	5 /21 /1998	935	X	NA	X	NA	X		5/21/98	AOI4-3	PID= 245 ppm; No staining/odor		X
	10	AOI4-B14-3-10.0	5 /21 /1998	940	X	NA	X	NA	X		5/21/98	AOI4-3	PID= 367 ppm; No staining/odor		X
	15	AOI4-B14-4-15.0	5 /21 /1998	950	X	NA	X	NA		X	5/21/98	AOI4-3	PID= 124 ppm; No staining/odor - HOLD		X
B15	0.25	AOI4-B15-1-0.25	5 /21 /1998	1015	X	NA	X	NA	X		5/21/98	AOI4-3	Gravel encountered on top 1 foot; sample collected beneath gravel; PID= 209 ppm; No staining/odor		X
	5	AOI4-B15-2-5.0	5 /21 /1998	1020	X	NA	X	NA	X		5/21/98	AOI4-3	PID= 171 ppm; No staining/odor		X
	10	AOI4-B15-3-10.0	5 /21 /1998	1025	X	NA	X	NA	X		5/21/98	AOI4-3	PID= 86.6 ppm; No staining/odor		X
	15	AOI4-B15-4-15.0	5 /21 /1998	1035	X	NA		NA		X	5/21/98	AOI4-3	PID= 271 ppm; No staining/odor - HOLD		X
B16	0.5	AOI4-B16-1-0.5	5 /21 /1998	800	NA	NA	X	NA	X		5/21/98	AOI4-3	PID= 27.1 ppm; No staining/odor		X
	4.5	AOI4-B16-2-4.5	5 /21 /1998	805	NA	NA	X	NA	X		5/21/98	AOI4-3	PID= 54.3 ppm; No staining/odor		X
(dup)	5	AOI4-B16-2D-5.0	5 /21 /1998	810	NA	NA	X	NA	X		5/21/98	AOI4-3	PID= 0 ppm; No staining/odor		X
	9.5	AOI4-B16-3-9.5	5 /21 /1998	805	NA	NA		NA		X	5/21/98	AOI4-3	PID= 54.3 ppm; No staining/odor - HOLD		X
CONCRETE SLAB															
CS1	NA	AOI4-CS1	5/15/98		NA	NA	X	NA	NA	NA	NA		concrete sample from east end of slab; PCB-impacted	X	
CS2	NA	AOI4-CS2	5/15/98		NA	NA	X	NA	NA	NA	NA		concrete sample from center of slab; PCB-impacted	X	
CS3	NA	AOI4-CS3	5/15/98		NA	NA	X	NA	NA	NA	NA		concrete sample from west end of slab; PCB-impacted	X	
BUILDING 14 - PHOTO LABORATORY (Note: Include cyanide in metals analysis)															
B17	0	AOI4-B17-1-0.0	5/21/1998	1145	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	Only one sleeve collected as sample; PID= 287 ppm; No staining/odor		X
	5	AOI4-B17-2-5.0	5/21/1998	1150	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 71.2 ppm; No staining/odor		X
	10	AOI4-B17-3-10.0	5/21/1998	1155	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 130 ppm; No staining/odor		X
	15	AOI4-B17-4-15.0	5/21/1998	1200	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 188 ppm; No staining/odor		X
B18	0	AOI4-B18-1-0.0	5/21/1998	1325	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 559 ppm; No staining/odor		X
	5	AOI4-B18-2-5.0	5/21/1998	1330	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 108 ppm; No staining/odor		X
	10	AOI4-B18-3-10.0	5/21/1998	1335	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 58.7 ppm; No staining/odor		X
	15	AOI4-B18-4-15.0	5/21/1998	1345	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 0.0 ppm; No staining/odor; TOC analysis		X
B19	0	AOI4-B19-1-0.0	5/21/1998	1415	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 2.5 ppm; No staining/odor		X
	5	AOI4-B19-2-5.0	5/21/1998	1420	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 300 ppm; No staining/odor		X
	10	AOI4-B19-3-10.0	5/21/1998	1425	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 305 ppm; No staining/odor		X
	15	AOI4-B19-4-15.0	5/21/1998	1435	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 232 ppm; No staining/odor		X

BOE-C6-0110734

AOI4 - Building Cluster
Parcel B Boeing C-6 Facility

Sample Location	Depth (feet)	Sample ID No.	Date of Collection	Time of Collection	Analytical Parameters: VOCs EPA 8260 (4-oz)	SVOCs EPA 8270 (4-oz glass or stainless steel sleeve)	PCBs EPA 8080	Title 22 Metals[b]	Submit to Lab for Analysis	Submit to Lab for HOLD	Date Sample Submitted to Laboratory	Chain-of-Custody No.	Comments	Soil Indicates Impact? YES (Excav. Area#)	NO (NFA)
BUILDING 15 - PHOTO LABORATORY (Note: Include cyanide in metals analysis)															
B20	0	AOI4-B20-1-0.0	5/22/1998	835	X	X	NA	X	X	NA	/ /1998	AOI4-5	PID= 47.1 ppm; No staining/odor		X
	4	AOI4-B20-2-4.0	5/22/1998	840	X	X	NA	X	X	NA	/ /1998	AOI4-5	PID= 16.5 ppm; No staining/odor		X
(dup)	5	AOI4-B20-2D-5.0	5/22/1998	840	X	X	NA	X	X	NA	/ /1998	AOI4-5	PID= 16.5 ppm; No staining/odor		X
	10	AOI4-B20-3-10.0	5/22/1998	850	X	X	NA	X	X	NA	/ /1998	AOI4-5	PID= 34.3 ppm; No staining/odor		X
	15	AOI4-B20-4-15.0	5/22/1998	855	X	X	NA	X	X	NA	/ /1998	AOI4-5	PID= 20.0 ppm; No staining/odor		X
B21	0	AOI4-B21-1-0.0	5/21 /1998	1545	X	X	NA	X	X	NA	5/21/1998	AOI4-3	PID= 76.2 ppm; No staining/odor		X
	5	AOI4-B21-2-5.0	5/21 /1998	1550	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 288 ppm; No staining/odor		X
	10	AOI4-B21-3-10.0	5/21 /1998	1555	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 247 ppm; No staining/odor		X
	15	AOI4-B21-4-15.0	5/21 /1998	1605	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 182 ppm; No staining/odor		X
B22	0	AOI4-B22-1-0.0	5/21 /1998	1615	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 134 ppm; No staining/odor		X
	5	AOI4-B22-2-5.0	5/21 /1998	1620	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 119 ppm; No staining/odor		X
	10	AOI4-B22-3-10.0	5/21 /1998	1630	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 85.8 ppm; No staining/odor		X
	15	AOI4-B22-4-15.0	5/21 /1998	1635	X	X	NA	X	X	NA	5 /21 /1998	AOI4-3	PID= 80.5 ppm; No staining/odor		X
SANITARY SEWER LINE (Note: Include cyanide in metals analysis)															
B23	0	AOI4-B23-1-0.0	5/22/1998	745	X	X	X	X	X	NA	/ /1998	AOI4-5	PID= 5.3 ppm; No staining/odor		X
	5	AOI4-B23-2-5.0	5/22/1998	755	X	X	X	X	X	NA	/ /1998	AOI4-5	PID= 11.5 ppm; No staining/odor		X
	10	AOI4-B23-3-10.0	5/22/1998	800	X	X	X	X	X	NA	/ /1998	AOI4-5	PID= 6.4 ppm; No staining/odor		X
	15	AOI4-B23-4-15.0	5/22/1998	805	X	X	X	X	X	NA	/ /1998	AOI4-5	PID= 10.4 ppm; No staining/odor		X
B24	0	AOI4-B24-1-0.0	5/22/1998	920	X	X	X	X	X	NA	/ /1998	AOI4-5	PID= 78.5 ppm; No staining/odor		X
	5	AOI4-B23-2-5.0	5/22/1998	925	X	X	X	X	X	NA	/ /1998	AOI4-5	PID= 39.2 ppm; No staining/odor		X
	10	AOI4-B23-3-10.0	5/22/1998	930	X	X	X	X	X	NA	/ /1998	AOI4-5	PID= 64.6 ppm; No staining/odor		X
	15	AOI4-B23-4-15.0	5/22/1998	935	X	X	X	X	X	NA	/ /1998	AOI4-5	PID= 89.9 ppm; No staining/odor		X
QA/QC SAMPLES															
Trip Blank	NA	Trip Blank#1	5/20/1998	NA	X	NA	NA	NA	X	NA	/ /1998		Only 1 vial submitted		
Trip Blank	NA	Trip Blank#2	5/21/1998	NA	X	NA	NA	NA	X	NA	/ /1998				
Trip Blank	NA	Trip Blank#3	5/22/1998	NA	X	NA	NA	NA	X	NA	/ /1998	AOI4-5			
Field Blank	NA	Field Blank#1	5/22/1998	740	X	X	X	X	X	NA	/ /1998	AOI4-4			
Equip. Rinsate	NA	Equipment Rinsate#1	5/21/1998	1100	NA	NA	X	NA	X	NA	/ /1998	AOI4-3			
Equip. Rinsate	NA	Equipment Rinsate#2	5/22/1998	735	X	X	X	X	X	NA	/ /1998	AOI4-4			
SUBTOTAL SAMPLES COLLECTED:															

BOE-C6-0110735

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: Integrated Environmental Services

Project No.: AOI4

Project Name: Boeing C-6 ParcelB

Laboratory Reference: IES 10214A

Analytical Method: TOC

Date Sampled: 05/21/98
Date Received: 05/21/98
Date Reported: 06/03/98

Sample Matrix: 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	98050226	98050301	LAB SAMP NO. (QC(S))	R1	T CONC	SL[e]	DL[e]	RECOVER	D RECOVER	RPD	LAB SAMP NO. (QC(W))	R1	T CONC
							SAMP TYPE	S	S											
							RES CODE	PP01	PP01											
							SAMP ID	AOI4-B18-4-15.0	AOI4-B12-3-9.5											
							SAMP DATE	05/21/98	05/21/98											
							SAMP TIME	13:45	7:40											
							SAMP DEPTH	15'	9.5'											
							PRESERVED													
							ICED	Y	Y											
							RECEIVED	05/21/98	05/21/98											
							REC TIME	16:40	16:40											
							BASIS	W	W											
							Tested													
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons													
							Tested													
6010	5.0	0.5		T		ppm	Antimony													
6010	1.0	0.1		T		ppm	Arsenic													
6010	0.1	0.01		T		ppm	Barium													
6010	0.1	0.01		T		ppm	Beryllium													
6010	0.1	0.01		T		ppm	Cadmium													
							Tested													
7196	0.5	0.01		T		ppm	Chromium (VI)													
							Tested													
6010	0.1	0.01		T		ppm	Chromium Total													
6010	0.5	0.1		T		ppm	Cobalt													
6010	0.1	0.01		T		ppm	Copper													
6010	1.0	0.1		T		ppm	Lead													
							Tested													
7471	0.01	0.002		T		ppm	Mercury													
							Tested													
6010	0.5	0.1		T		ppm	Molybdenum													
6010	0.5	0.1		T		ppm	Nickel													
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													
6010	0.1	0.01		T		ppm	Zinc													
							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													
		1.0		S		ppm	Lead													
		0.01		S		ppm	Mercury													

BOE-C6-0110737

		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
							Dilution Factor
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
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

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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
					T	%	Toluene-d8
					T	%	4-Bromofluorobenzene
							Tested
							Dilution Factor
8270	100	5.0	83-32-9	T		ppb	Acenaphthene
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene
8270	100	5.0	62-53-3	T		ppb	Aniline
8270	100	5.0	120-12-7	T		ppb	Anthracene
8270	500	50	65-85-0	T		ppb	Benzoic Acid
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene
8270	100	50	100-51-6	T		ppb	Benzyl alcohol

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8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ether
8270	100	5.0	218-0109	T		ppb	Chrysene
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene
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
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

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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	72-54-8	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														
							Tested	06/01/98	06/01/98	06/01/98											
9060	5.0	1.0		T		ppm	TOC	18,000	22,000	OCA 200	0.0	10,000	11,700	10,600	117	106	10				
							Tested														
9010	0.40	0.02		T		ppm	Cyanide														

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

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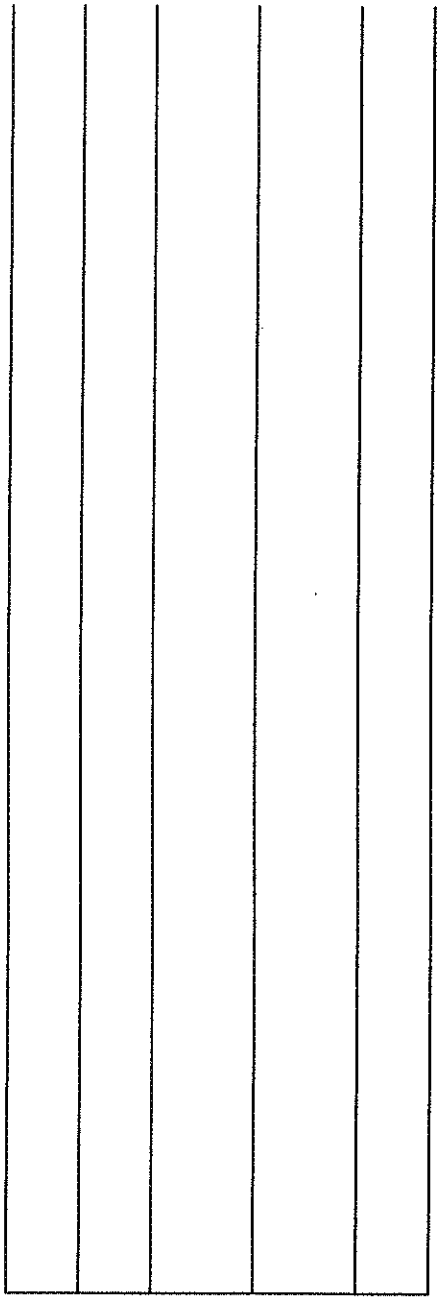
SL[a]	DL[a]	RECOVER	D RECOVER	RPD

BOE-C6-0110742



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INTEGRATED
Environmental Services, Inc.
3990 Westerly Place, Suite 210
Newport Beach, CA 92660
Phone: (714) 852-9050
Fax: (714) 852-9011

FAX TRANSMISSION COVER SHEET

DATE: 5/28/98

TO: Mark Norani

FAX: (714) 832-0067

PHONE: (714) 832-0064

COMPANY: Orange Coast Analytical

FROM: Chris Stoker

RE: Total Organic Carbon Analysis

NUMBER OF PAGES (INCLUDING COVER SHEET): 1

MESSAGE:

Dear Mark,

Per our telephone conversation, please add TOC analysis to the following two soil samples submitted for the Boeing C-6 facility:

AOI4-B18-4-15.0
AOI4-B12-3-9.5

Please call if you have any questions.

Thanks

IF YOU DO NOT RECEIVE A COMPLETE AND/OR LEGIBLE COPY OF THIS FAX PLEASE NOTIFY US AT THE ABOVE NUMBER.

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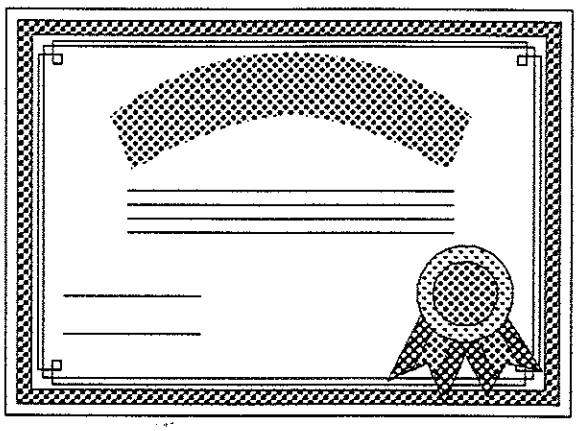
ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970



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 (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: Intergrated Environmental Services

Project No.: AOI4

Project Name: Boeing C-6 ParcelB

Laboratory Reference: IES 10214

Analytical Method: PCB'S, 8260, 8270, Cam Metals , Cyanide

Date Sampled: 05/21/98
Date Received: 05/21/98
Date Reported: 05/27/98

Sample Matrix: Soil & Water

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	98050204	98050205	98050206	98050207	98050208	98050209	98050210	98050211
							SAMP TYPE	S	S	S	S	S	S	S	S
							RES CODE	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01
							SAMP ID	AOI4-B12-1-1.0	AOI4-B12-2-5.0	AOI4-B16-1-0.5	AOI4-B16-2-4.5	AOI4-B16-20-5.0	AOI4-B13-1-1.0	AOI4-B13-2-5.0	AOI4-B13-3-10.0
							SAMP DATE	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98
							SAMP TIME	7:30	7:35	8:00	8:05	8:05	8:40	8:45	8:50
							SAMP DEPTH	1'	5'	0.5'	4.5'	5'	1'	5'	10'
							PRESERVED								
							ICED	Y	Y	Y	Y	Y	Y	Y	Y
							RECEIVED	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98
							REC TIME	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40
							BASIS	W	W	W	W	W	W	W	W
							Tested								
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons								
							Tested								
6010	5.0	0.5		T		ppm	Antimony								
6010	1.0	0.1		T		ppm	Arsenic								
6010	0.1	0.01		T		ppm	Barium								
6010	0.1	0.01		T		ppm	Beryllium								
6010	0.1	0.01		T		ppm	Cadmium								
							Tested								
7196	0.5	0.01		T		ppm	Chromium (VI)								
							Tested								
6010	0.1	0.01		T		ppm	Chromium Total								
6010	0.5	0.1		T		ppm	Cobalt								
6010	0.1	0.01		T		ppm	Copper								
6010	1.0	0.1		T		ppm	Lead								
							Tested								
7471	0.01	0.002		T		ppm	Mercury								
							Tested								
6010	0.5	0.1		T		ppm	Molybdenum								
6010	0.5	0.1		T		ppm	Nickel								
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								
6010	0.1	0.01		T		ppm	Zinc								
							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								
		1.0		S		ppm	Lead								
		0.01		S		ppm	Mercury								

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		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	05/22/98	05/22/98	
						Dilution Factor	1	1	
8260	2.5	0.5	71-43-2	T	ppb	Benzene	<	<	
8260	2.5	0.5	75-27-4	T	ppb	Bromodichloromethane	<	<	
8260	2.5	0.5	75-25-2	T	ppb	Bromoform	<	<	
8260	2.5	1.0	74-83-9	T	ppb	Bromomethane	<	<	
8260	5.0	0.5	75-15-0	T	ppb	Carbon Disulfide	<	<	
8260	2.5	0.5	56-23-5	T	ppb	Carbon tetrachloride	<	<	
8260	2.5	0.5	108-90-7	T	ppb	Chlorobenzene	<	<	
8260	2.5	0.5	124-48-1	T	ppb	Chlorodibromomethane	<	<	
8260	2.5	0.5	75-00-3	T	ppb	Chloroethane	<	<	
8260	5.0	0.5	110-75-8	T	ppb	2-Chloroethyl vinyl ether	<	<	
8260	2.5	0.5	67-66-3	T	ppb	Chloroform	<	<	
8260	2.5	0.5	74-87-3	T	ppb	Chloromethane	<	<	
8260	2.5	0.5	75-34-3	T	ppb	1,1-Dichloroethane	<	<	
8260	2.5	0.5	107-06-2	T	ppb	1,2-Dichloroethane	<	<	
8260	2.5	0.5	75-35-4	T	ppb	1,1-Dichloroethene	<	<	
8260	2.5	0.5	156-60-5	T	ppb	Trans 1,2-Dichloroethene	<	<	
8260	2.5	0.5	78-87-5	T	ppb	1,2-Dichloropropane	<	<	
8260	2.5	0.5	10061-01-5	T	ppb	cis-1,3-Dichloropropene	<	<	
8260	2.5	0.5	10061-02-6	T	ppb	trans-1,3-Dichloropropene	<	<	
8260	2.5	0.5	100-41-4	T	ppb	Ethylbenzene	<	<	
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	<	<	

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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	6.9	<									
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	4.3	<									
					T	%	Dibromofluoromethane	93	96									
					T	%	Toluene-d8	96	94									
					T	%	4-Bromofluorobenzene	95	98									
							Tested											
							Dilution Factor											
8270	100	5.0	83-32-9	T		ppb	Acenaphthene											
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene											
8270	100	5.0	62-53-3	T		ppb	Aniline											
8270	100	5.0	120-12-7	T		ppb	Anthracene											
8270	500	50	65-85-0	T		ppb	Benzoic Acid											
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene											
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene											
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene											
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene											
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene											
8270	100	50	100-51-6	T		ppb	Benzyl alcohol											

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8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter
8270	100	5.0	218-0109	T		ppb	Chrysene
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
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

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8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol								
							Tested	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
							Dilution Factor	1	1	1	1	1	1	1	1
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<	<	<	<	<	<	<	<
8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<	<	<	<	<	<	<	<
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<	<	<	<	<	<	<	<
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<	<	<	<	<	<	<	<
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<	<	<	<	<	<	<	<
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<	<	<	<	<	<	<	<
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	<	<	<	<	<	<	<	<
							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								
							Tested								
9060	5.0	1.0		T		ppm	TOC								
							Tested								
9010/335.2	0.40	0.02		T		ppm	Cyanide								

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

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S	S	S	S	S	S	S	S	S	S			
PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01
AOI4-B14-1-1.0	AOI4-B14-2-5.0	AOI4-B14-3-10.0	AOI4-B15-1-0.25	AOI4-B15-2-5.0	AOI4-B15-3-10.0	AOI4-B17-1-0.0	AOI4-B17-2-5.0	AOI4-B17-3-10.0	AOI4-B17-4-15.0	AOI4-B18-1-0.0	AOI4-B18-2-5.0	AOI4-B18-3-10.0
05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98
9:30	9:35	9:40	10:15	10:20	10:25	11:45	11:50	11:55	12:00	13:25	13:30	13:35
1'	5'	10'	0.25'	5'	10'	0'	5'	10'	15'	0'	5'	10'
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98
16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40
W	W	W	W	W	W	W	W	W	W	W	W	W
98050212	**98050213**	**98050214**	**98050215**	**98050216**	**98050217**	**98050219**	**98050220**	**98050221**	**98050222**	**98050223**	**98050224**	**98050225**
						05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
						<	<	<	<	<	<	<
						3.8	3.3	5.7	2.5	2.8	3.6	2.8
						170	180	180	190	190	160	170
						0.75	0.68	0.73	0.73	0.62	0.70	0.62
						<	<	<	<	<	<	<
						05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
						<	<	<	<	<	<	<
						05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
						26	27	28	25	19	25	22
						13	12	15	14	10	14	13
						26	28	34	29	19	27	25
						5.9	4.7	6.0	5.6	13	5.5	6.4
						05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
						<	<	<	<	<	<	<
						05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
						<	<	<	<	<	<	<
						23	20	24	20	17	21	17
						<	<	<	<	<	<	<
						<	<	<	<	<	<	<
						<	<	<	<	<	<	<
						55	57	61	57	37	55	53
						60	66	67	71	100	61	65

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05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
1	1	1	1	1	1	1	1	1	1	1	1	1
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<	<	<	<	4.5	2.9	<	<	5.2	<	<	<	<
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98	96	96	98	98	99	99	96	100	100	99	95	93
96	93	93	95	92	93	94	92	92	90	95	93	92
94	98	97	94	99	99	96	95	98	98	94	97	95
						05/22/98	05/22/98	05/22/98	05/25/98	05/25/98	05/25/98	05/25/98
						1	1	1	1	1	1	1
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						<	<	<	<	<	<	<
						<	<	<	<	<	<	<
						<	<	<	<	130	<	<
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200 450 320 370

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PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01
AOI4-B18-4-15.0	AOI4-B19-1-0.0	AOI4-B19-2-5.0	AOI4-B19-3-10.0	AOI4-B19-4-15.0	AO14-B21-1-0.0	AO14-B21-2-5.0	AO14-B21-3-10.0	AO14-B21-4-15.0	AO14-B22-1-0.0	AO14-B22-2-5.0	AO14-B22-3-10.0	AO14-B22-4-15.0
05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98
13:45	14:15	14:20	14:25	14:35	15:45	15:50	15:55	16:05	16:15	16:20	16:30	16:35
15'	0'	5'	5'	15'	0'	5'	10'	15'	0'	5'	10'	15'
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98
16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40	16:40
W	W	W	W	W	W	W	W	W	W	W	W	W
98050226	**98050227**	**98050228**	**98050229**	**98050230**	**98050231**	**98050232**	**98050233**	**98050234**	**98050235**	**98050236**	**98050237**	**98050238**
05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
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3.4	3.1	2.8	5.5	2.5	2.7	4.1	3.2	4.0	4.8	3.0	2.9	3.8
180	220	160	180	180	190	190	190	170	170	180	160	170
0.82	0.67	0.66	0.70	0.66	0.69	0.76	0.70	0.69	0.65	0.74	0.67	0.84
<	<	<	<	<	<	<	<	<	<	<	<	<
05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
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05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
28	23	22	26	25	21	30	24	25	20	30	25	29
14	12	11	14	14	11	15	14	15	12	12	13	16
38	23	20	32	31	19	36	31	35	21	31	28	37
6.4	5.9	6.5	5.8	4.9	6.0	5.9	5.8	5.7	5.6	5.0	5.2	7.3
05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
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05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
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22	20	19	22	21	19	25	20	21	19	22	19	22
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62	47	46	55	57	42	63	59	60	38	52	55	63
75	52	48	66	70	47	75	76	72	50	71	68	78

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05/22/98	05/22/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98
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97	101	93	92	94	98	92	87	96	101	95	96	94
92	94	93	93	92	96	93	93	93	100	93	93	93
98	95	93	97	93	92	96	96	98	89	97	96	96
05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/22/98	05/22/98	05/25/98	05/25/98	05/25/98	05/25/98
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05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98
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		QC(S1)								QC(W)								QC(S2)		
W BT11 Equipment Rinsate #1 05/21/98 11:00 , N, H Y 05/21/98 16:40 W	W BT11 Trip Blank #2 05/21/98 , N, H Y 05/21/98 16:40 W																			
98050218	98050203	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	LAB SAMP NO.	R1	T CONC
		05/22/98																5/22/98		
		98050219	0.00	10.0	10.1	10.2	101	102	1									98050238	0.00	10.0
		98050219	0.08	10.0	10.4	10.6	103	105	2									98050238	0.08	10.0
		98050219	3.48	5.00	8.15	8.16	93	94	0									98050238	3.40	5.00
		98050219	0.01	1.00	1.06	1.07	105	106	1									98050238	0.02	1.00
		98050219	0.00	1.00	1.00	1.01	100	101	1									98050238	0.00	1.00
		05/22/98																05/22/98		
		98050221	0.00	1.00	0.87	0.86	87	86	1									98050238	0.00	1.00
		05/22/98																5/22/98		
		98050219	0.51	1.00	1.47	1.48	96	97	1									98050238	0.57	1.00
		98050219	0.26	1.00	1.20	1.21	94	95	1									98050238	0.32	1.00
		98050219	0.51	1.00	1.60	1.59	109	108	1									98050238	0.75	1.00
		98050219	0.12	5.00	4.77	4.82	93	94	1									98050238	0.15	5.00
		05/22/98																05/22/98		
		98050221	0.000	1.000	1.100	1.000	110	100	10									98050238	0.00	1.000
		05/22/98																5/22/98		
		98050219	0.00	5.00	4.65	4.71	93	94	1									98050238	0.00	5.00
		98050219	0.47	5.00	5.39	5.43	98	99	1									98050238	0.44	5.00
		98050219	0.00	10.0	10.5	10.6	105	106	1									98050238	0.00	10.0
		98050219	0.00	5.00	5.11	5.11	102	102	0									98050238	0.00	5.00
		98050219	0.00	10.0	8.75	8.92	88	89	2									98050238	0.00	10.0
		98050219	1.11	5.00	6.08	6.09	99	100	0									98050238	1.26	5.00
		98050219	1.19	1.00	2.12	2.13	93	94	0									98050238	1.56	1.00

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05/25/98	05/22/98								05/25/98								05/26/98		
1	1								1								1		
<	98050212	0.0	50	52	54	104	108	4	OCA100	0.0	20	20	18	100	90	11	98050228	0.0	51
<																			
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<	98050212	0.0	50	53	55	106	110	4	OCA100	0.0	20	20	18	100	90	11	98050228	0.0	51
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<	98050212	0.0	50	51	52	102	104	2	OCA100	0.0	20	20	18	100	90	11	98050228	0.0	50
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<	98050212	0.0	50	54	56	108	112	4	OCA100	0.0	20	21	18	105	90	15	98050228	0.0	52
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<	98050212	0.0	50	56	57	112	114	2	OCA100	0.0	20	20	18	100	90	11	98050228	0.0	52
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	05/22/98 1 98050221	0.0	50	40	38	80	76	5									05/22/98 1 98050233	0.0	50

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	98050221	0.0	100	57	56	57	56	2								98050233	0.0	100
	98050221	0.0	100	72	71	72	71	1								98050233	0.0	100
	98050221	0.0	50	43	39	86	78	10								98050233	0.0	50
	98050221	0.0	50	38	35	76	70	8								98050233	0.0	50
	98050221	0.0	100	69	67	69	67	3								98050233	0.0	100
	98050221	0.0	100	69	67	69	67	3								98050233	0.0	100
	98050221	0.0	50	40	36	80	72	11								98050233	0.0	50
	98050221	0.0	50	44	41	88	82	7								98050233	0.0	50

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05/22/98		05/22/98																		
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<		98050204	0.0	250	200	160	80	64	22											
		05/22/98 98050219	0.0	1.0	1.05	1.02	105	102	3									05/25/98 98050230	0.0	1.0

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					QC(S3)							
SL[a]	DL[a]	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]	RECOVER	D RECOVER	RPD
10.8	10.8	108	108	0								
10.7	10.7	106	106	0								
8.18	8.20	96	96	0								
1.08	1.08	106	106	0								
1.03	1.03	103	103	0								
0.87	0.87	87	87	0								
1.55	1.54	98	97	1								
1.28	1.28	96	96	0								
1.86	1.85	111	110	1								
4.90	4.88	95	95	0								
1.00	1.00	100	100	0								
4.72	4.72	94	94	0								
5.44	5.44	100	100	0								
10.7	10.7	107	107	0								
5.20	5.24	104	105	1								
8.81	8.77	88	88	0								
6.28	6.27	100	100	0								
2.51	2.50	95	94	0								

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50	56	98	110	11
50	56	98	110	11
48	52	96	104	8

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52	56	100	108	7								
51	58	98	112	13								
35	36	70	72	3	05/25/98 1 98050256	0.0	50	35	36	70	72	3

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66	64	66	64	3	98050256	0.0	100	53	54	53	54	2
72	73	72	73	1	98050256	0.0	100	65	65	65	65	0
43	43	86	86	0	98050256	0.0	50	37	38	74	76	3
37	35	74	70	6	98050256	0.0	50	38	37	76	74	3
65	68	65	68	5	98050256	0.0	100	58	62	58	62	7
66	70	66	70	6	98050256	0.0	100	62	62	62	62	0
36	36	72	72	0	98050256	0.0	50	35	39	70	78	11
42	41	84	82	2	98050256	0.0	50	37	40	74	80	8

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0.92	0.89	92	89	3	05/26/98 98050238	0.0	1.0	1.05	1.11	105	111	6

BOE-C6-0110774

Analysis Request and Chain of Custody Record

AOI4-C

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
(602) 736-0960 Fax (602) 736-0970

REQUIRED TAT: 24 hr

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Boeing C/O IESI	PROJECT NAME: Boeing C-6 Parcel B
SEND REPORT TO: Joachim P. Orncles	NUMBER: AOI4
ADDRESS: 3990 Westerly Pl., Ste 210 Newport Beach, CA 92660	LOCATION: Los Angeles
	ADDRESS: 19503 S. Normandie Ave Los Angeles, CA
PHONE: 714 852 9050 FAX: 714 852 9011	SAMPLED BY: [illegible]

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	PCBs (8080)	VOCs (8260)	REMARKS/PRECAUTIONS
TRIP BLANK #2	2	5/21/98	—	water	40ml	HCL		X	
AOI4-B12-1-1.0	1		0730	Soil	Steel Sleeve	—	X	X	
AOI4-B12-2-5.0	1		0735				X	X	
AOI4-B12-3-9.5	1		0740				X	X	HOLD - No analyses until notified
AOI4-B16-1-0.5	1		0800				X		Sample from and indicated on sample [illegible]
AOI4-B16-2-4.5	1		0805				X		
AOI4-B16-2D-5.0	1		0805				X		
AOI4-B16-3-9.5	1		0810				X		HOLD - No analyses until notified
AOI4-B13-1-1.0	1		0840				X		
AOI4-B13-2-5.0	1		0845				X		
AOI4-B13-3-10.0	1		0850				X		
AOI4-B13-4-15.0	1		0855				X		Hold - No analyses until notified
AOI4-B14-1-1.0	1		0930				X	X	
AOI4-B14-2-5.0	1		0935				X	X	

Fax Results

Total No. of Samples: 15

Method of Shipment: Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/21/98 4:40pm		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: Melvan Hastlum	Date/Time: 05-21-98 4:40 P.M.

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 [illegible]

Analysis Request and Chain of Custody Record

AOI4-3

Lab Job No: _____

Page 2 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
(602) 736-0960 Fax (602) 736-0970

REQUIRED TAT: 24 hr

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Boeing c/o IESI	PROJECT NAME: Boeing C-6 Parcel B
SEND REPORT TO: Joann P. Ornelas	NUMBER: AOI4
ADDRESS: 3990 Westerly Pl, Ste 210 Newport Beach, CA 92660	LOCATION: Los Angeles
	ADDRESS: 19503 S. Normandie Ave Los Angeles, CA
PHONE: 714 852 9050 FAX: 714 852 9011	SAMPLED BY: [illegible]

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	PCBs (8080)	VOCs (8260)	SVOCs (8270)	Metals (6010/7470/7471/7196)				REMARKS/PRECAUTIONS
														Fax Results
AOI4-B14-3-10.0	1	5/21/98	0940	soil	steel sleeve	—	X	X						Hold!!
AOI4-B14-4-15.0	1		0950	↓	↓	↓	X	X						Hold - No analysis until notified
AOI4-B15-1-0.25	1		1015	↓	↓	↓	X	X						
AOI4-B15-2-5.0	1		1020	↓	↓	↓	X	X						
AOI4-B15-3-10.0	1		1025	↓	↓	↓	X	X						
AOI4-B15-4-15.0	1		1035	↓	↓	↓	X	X						Hold - No analyses until notified
Equipment Rinsate #1	1		1100	water	Amber	—	X							
AOI4-B17-1-0.0	1		1145	soil	steel sleeve	↓		X	X	X				
AOI4-B17-2-5.0	2		1150	↓	↓	↓		X	X	X				
AOI4-B17-3-10.0	2		1155	↓	↓	↓		X	X	X				
AOI4-B17-4-15.0	2		1200	↓	↓	↓		X	X	X				
AOI4-B18-1-0.0	2		1325	↓	↓	↓		X	X	X				
AOI4-B18-2-5.0	2		1330	↓	↓	↓		X	X	X				
AOI4-B18-3-10.0	2		1335	↓	↓	↓		X	X	X				

Total No. of Samples: 20

Method of Shipment: Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:	Reporting Format: (check)
[signature]	5/21/98 4:40pm			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: 05.21.98 4:40 PM	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.

Analysis Request and Chain of Custody Record

AOI4 - 3

Lab Job No: _____

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ORANGE COAST ANALYTICAL, INC.

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064, Fax (714) 832-0067

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

REQUIRED TAT: 24 hr TAT

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Boeing c/o IESI	PROJECT NAME: Boeing C-6 Parcel B
SEND REPORT TO: Joann P. Ornelas	NUMBER: AOI4
ADDRESS: 3990 Westerly Pl, Ste 210 Newport Beach, CA 92660	LOCATION: Los Angeles
	ADDRESS: 19503 S. Normandie Ave Los Angeles, CA
PHONE: 714 852 9050 FAX: 714 852 9011	SAMPLED BY: [illegible]

ANALYSIS/METHOD REQUEST: VOCs (8260D), SVOCs (8270D), Metals (6010D/7196/7471/9010D), PCBs (8082D)

Fax results

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOCs (8260D)	SVOCs (8270D)	Metals (6010D/7196/7471/9010D)	PCBs (8082D)					REMARKS/PRECAUTIONS
AOI4-B18-4-15.0	2	5/21/98	1345	Soil	Steel Sleeves	—	X	X	X						
AOI4-B19-1-0.0	2		1415				X	X	X						
AOI4-B19-2-5.0	2		1420				X	X	X						
AOI4-B19-3-10.0	2		1425				X	X	X						
AOI4-B19-4-15.0	2		1435				X	X	X						
AOI4-B20-1-0.0	2		1545				X	X	X						~~Sample from current or related or nearby~~
AOI4-B20-2-5.0	2		1550				X	X	X						
AOI4-B20-3-10.0	2		1555				X	X	X						
AOI4-B21-4-15.0	2		1605				X	X	X						
AOI4-B22-1-0.0	2		1615				X	X	X						
AOI4-B22-2-5.0	2		1620				X	X	X						
AOI4-B22-3-10.0	2		1630				X	X	X						
AOI4-B22-4-15.0	2		1635				X	X	X						

Total No. of Samples: 26

Method of Shipment: Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/21/98 4:40pm		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 05/21/98 4:40 P.M.

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 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: Intergrated Environmental Services

Project No.: AOI4

Project Name: Boeing C-6 ParcelB

Laboratory Reference: IES 10215

Analytical Method: PCB'S, 8260, 8270, Cam Metals , Cyanide

Date Sampled: 05/22/98
Date Received: 05/22/98
Date Reported: 05/28/98

Sample Matrix: Soil & Water

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	98050239	98050240	98050241	98050242	98050243	98050244	98050245	98050246
							SAMP TYPE	S	S	S	S	S	S	S	S
							RES CODE	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01
							SAMP ID	AOI4-B23-1-0.0	AOI4-B23-2-5.0	AOI4-B23-3-10.0	AOI4-B23-4-15.0	AOI4-B20-1-0.0	AOI4-B20-2-4.0	AOI4-B20-2D-5.0	AOI4-B20-3-10.0
							SAMP DATE	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
							SAMP TIME	7:45	7:55	8:00	8:05	8:35	8:40	8:40	8:50
							SAMP DEPTH	0'	5'	10'	15'	0'	4'	5'	10'
							PRESERVED								
							ICED	Y	Y	Y	Y	Y	Y	Y	Y
							RECEIVED	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
							REC TIME	13:00	13:00	13:00	13:00	13:00	13:00	13:00	13:00
							BASIS	W	W	W	W	W	W	W	W
							Tested								
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons								
							Tested	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98
6010	5.0	0.5		T		ppm	Antimony	<	<	<	<	<	<	<	<
6010	1.0	0.1		T		ppm	Arsenic	2.3	3.7	3.9	2.7	3.6	4.2	4.5	2.5
6010	0.1	0.01		T		ppm	Barium	150	170	170	130	170	160	180	170
6010	0.1	0.01		T		ppm	Beryllium	0.57	0.62	0.57	0.50	0.65	0.58	0.69	0.65
6010	0.1	0.01		T		ppm	Cadmium	<	<	<	<	<	<	<	<
							Tested	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<	<	<	<	<
							Tested	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98
6010	0.1	0.01		T		ppm	Chromium Total	20	25	23	20	24	23	28	24
6010	0.5	0.1		T		ppm	Cobalt	9.6	13	13	11	13	13	14	14
6010	0.1	0.01		T		ppm	Copper	18	27	24	25	28	27	30	29
6010	1.0	0.1		T		ppm	Lead	4.9	5.1	4.5	4.2	5.1	4.9	5.4	5.1
							Tested	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<	<	<	<	<
							Tested	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98	05/26/98
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Nickel	15	22	18	16	21	21	22	20
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	42	53	50	47	55	51	56	54
6010	0.1	0.01		T		ppm	Zinc	43	57	60	55	62	58	67	65
							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								
		1.0		S		ppm	Lead								
		0.01		S		ppm	Mercury								

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		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	05/22/98	05/22/98	05/26/98	05/26/98	05/25/98	05/25/98	05/25/98	05/25/98
							Dilution Factor	1	1	1	1	1	1	1	1
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<	<	<	<	<
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<	<	<	<	<
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<	<	<	<	<
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<	<	<	<	<
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<	<	<	<	<
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<	<	<	<	<
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<	<	<	<	<
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<	<	<	<	<
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<	<	<	<	<
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	<	<	<	<	<	<	<	<

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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	104	99	93	95	101	97	97	99
					T	%	Toluene-d8	100	92	93	92	92	91	92	92
					T	%	4-Bromofluorobenzene	88	98	98	97	97	97	97	98
							Tested	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98
							Dilution Factor	1	1	1	1	1	1	1	1
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	<	<	<	<	<	<	<	<
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene	<	<	<	<	<	<	<	<
8270	100	5.0	62-53-3	T		ppb	Aniline	<	<	<	<	<	<	<	<
8270	100	5.0	120-12-7	T		ppb	Anthracene	<	<	<	<	<	<	<	<
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<	<	<	<	<	<	<	<
8270	100	5.0	56-55-3	T		ppb	Benzo (a) anthracene	<	<	<	<	<	<	<	<
8270	250	25	205-99-2	T		ppb	Benzo (b) fluoranthene	<	<	<	<	<	<	<	<
8270	250	25	207-08-9	T		ppb	Benzo (k) fluoranthene	<	<	<	<	<	<	<	<
8270	250	25	191-24-2	T		ppb	Benzo (g,h,i)perylene	<	<	<	<	<	<	<	<
8270	250	25	50-32-8	T		ppb	Benzo (a) pyrene	<	<	<	<	<	<	<	<
8270	100	50	100-51-6	T		ppb	Benzyl alcohol	<	<	<	<	<	<	<	<

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8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane	<	<	<	<	<	<	<	<
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether	<	<	<	<	<	<	<	<
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether	<	<	<	<	<	<	<	<
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether	<	<	<	<	<	<	<	<
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline	<	<	<	<	<	<	<	<
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene	<	<	<	<	<	<	<	<
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ether	<	<	<	<	<	<	<	<
8270	100	5.0	218-0109	T		ppb	Chrysene	<	<	<	<	<	<	<	<
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene	<	<	<	<	<	<	<	<
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran	<	<	<	<	<	<	<	<
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<	<	<	<	<
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	<	<	<	<	<	<	<	<
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	<	<	<	<	<	<	<	<

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8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol	<	<	<	<	<	<	<	<
							Tested	05/22/98	05/22/98	05/22/98	05/22/98				
							Dilution Factor	1	1	1	1				
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<	<	<	<				
8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<	<	<	<				
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<	<	<	<				
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<	<	<	<				
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<	<	<	<				
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<	<	<	<				
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	<	<	<	<				
							Tested								
							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	72-54-8	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								
							Tested								
9060	5.0	1.0		T		ppm	TOC								
							Tested	05/27/98	05/27/98	05/27/98	05/27/98	05/27/98	05/27/98	05/27/98	05/27/98
9010/335.2	0.40	0.02		T		ppm	Cyanide	<	<	<	<	<	<	<	<

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

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						QC(S)								QC(W)				
S	S	S	S	S	W													
PP01	PP01	PP01	PP01	PP01	BT11													
AOI4-B20-4-15.0	AOI4-B24-1-0.0	AOI4-B24-2-5.0	AOI4-B24-3-10.0	AOI4-B24-4-15.0	TRIP BLANK #3													
05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98													
8:55	9:20	9:25	9:30	9:35														
15'	0'	5'	10'	15'														
					, N, H													
Y	Y	Y	Y	Y	Y													
05/22/98	05/22/98	05/22/98	05/22/98	05/22/98	05/22/98													
13:00	13:00	13:00	13:00	13:00	13:00													
W	W	W	W	W	W													
98050247	98050248	98050249	98050250	98050251	98050251A	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]
05/26/98	05/26/98	05/26/98	05/26/98	05/26/98		05/26/98												
<	<	<	<	<		98050239	0.00	10.0	9.44	9.60	94	96	2					
3.2	3.0	3.7	3.5	1.2		98050239	0.05	10.0	9.13	9.20	91	92	1					
130	150	160	150	90		98050239	3.09	5.00	7.52	7.59	89	90	1					
0.55	0.57	0.64	0.57	<		98050239	0.01	1.00	0.97	0.96	96	95	1					
<	<	0.73	<	<		98050239	0.00	1.00	0.95	0.95	95	95	0					
05/22/98	05/22/98	05/22/98	05/22/98	05/22/98		05/22/98												
<	<	<	<	<		98050239	0.00	1.00	0.87	0.82	87	82	6					
05/26/98	05/26/98	05/26/98	05/26/98	05/26/98		05/26/98												
21	17	25	22	14		98050239	0.41	1.00	1.31	1.32	90	91	1					
9.8	9.5	12	12	7.5		98050239	0.19	1.00	1.09	1.09	90	90	0					
23	23	32	25	11		98050239	0.36	1.00	1.34	1.35	98	99	1					
5.0	8.9	4.4	5.0	2.5		98050239	0.10	5.00	4.23	4.30	83	84	2					
05/22/98	05/22/98	05/22/98	05/22/98	05/22/98		05/22/98												
<	<	<	<	<		98050239	0.00	1.00	0.95	1.00	95	100	5					
05/26/98	05/26/98	05/26/98	05/26/98	05/26/98		05/26/98												
<	<	<	<	<		98050239	0.00	5.00	4.38	4.34	88	87	1					
15	16	23	19	9.5		98050239	0.29	5.00	4.92	4.93	93	93	0					
<	<	<	<	<		98050239	0.00	10.0	8.89	8.96	89	90	1					
<	<	<	<	<		98050239	0.00	5.00	4.53	4.56	91	91	1					
<	<	<	<	<		98050239	0.00	10.0	8.27	8.28	83	83	0					
43	32	53	46	31		98050239	0.84	5.00	5.29	5.32	89	90	1					
53	60	59	56	37		98050239	0.85	1.00	1.71	1.70	86	85	1					

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05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/25/98	05/22/98								05/25/98				
1	1	1	1	1	1	1								1				
<	<	<	<	<	<	98050214	0.0	50	51	56	102	112	9	OCA100	0.0	20	20	18
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<	98050214	0.0	50	52	56	104	112	7	OCA100	0.0	20	20	18
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<	98050214	0.0	50	51	52	102	104	2	OCA100	0.0	20	20	18
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	15	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													

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<	<	<	<	<	<	98050214	0.0	50	52	56	104	112	7	OCA100	0.0	20	21	18
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	4.0	<	<	98050214	0.0	50	55	58	110	116	5	OCA100	0.0	20	20	18
<	<	<	<	<	<													
<	<	<	<	<	<													
<	<	<	<	<	<													
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<	<	<	<	<	<													
3.5	4.7	<	<	3.8	<													
<	<	<	<	<	<													
93	104	94	97	101	114													
91	99	92	92	91	106													
98	91	98	95	98	107													
05/25/98	05/25/98	05/25/98	05/25/98	05/25/98		05/25/98												
1	1	1	1	1		1												
<	<	<	<	<		98050239	0.0	50	34	34	68	68	0					
<	<	<	<	<														
<	<	<	<	<														
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<	<	<	<	<														

BOE-C6-0110786

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<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<		98050239	0.0	100	66	68	66	68	3					
<	<	<	<	<		98050239	0.0	100	66	69	66	69	4					
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<		98050239	0.0	50	41	42	82	84	2					
<	<	<	<	<														
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<	<	<	<	<		98050239	0.0	50	42	42	84	84	0					
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<	<	<	<	<		98050239	0.0	100	69	70	69	70	1					
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<	<	<	<	<		98050239	0.0	100	66	69	66	69	4					
<	<	<	<	<		98050239	0.0	50	32	33	64	66	3					
<	<	<	<	<		98050239	0.0	50	40	41	80	82	2					
<	<	<	<	<														

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	05/22/98	05/22/98	05/22/98	05/22/98		05/22/98												
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	<	<	<	<		98050205	0.0	250	240	240	96	96	0					
05/27/98	05/27/98	05/27/98	05/27/98	05/27/98		5/27/98												
<	<	<	<	<		98050251	0.0	1.0	0.95	0.92	95	92	3					

BOE-C6-0110788

RECOVER	D RECOVER	RPD

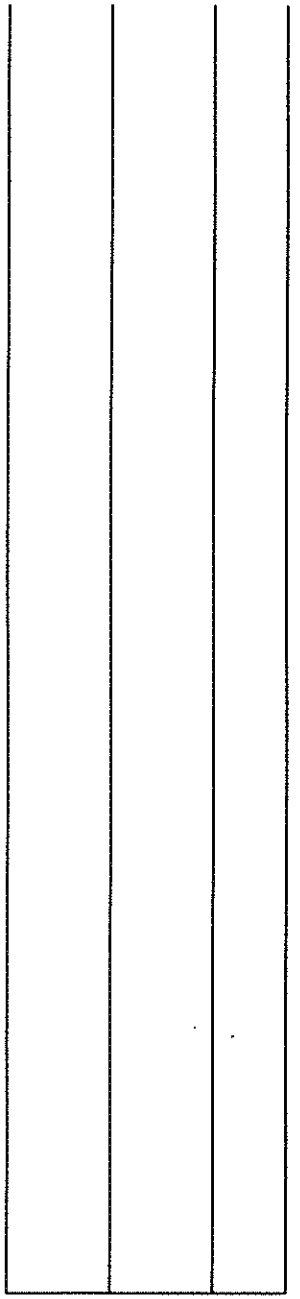
BOE-C6-0110789

100	90	11
100	90	11
100	90	11

BOE-C6-0110790

105	90	15
100	90	11

BOE-C6-0110791



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Analysis Request and Chain of Custody Record

AOI4-

Lab Job No: _____

Page 1 of 1

ORANGE COAST ANALYTICAL, INC.

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064, Fax (714) 832-0067

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

REQUIRED TAT: 24 hr

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Boeing c/o IESI	PROJECT NAME: Boeing C-6 Parcel B
SEND REPORT TO: Joann P. Orneles	NUMBER: AOI4
ADDRESS: 3990 Westerly Pl, Ste 210 Newport Beach, CA 92660	LOCATION: Los Angeles
	ADDRESS: 19503 S Normandie Ave Los Angeles, CA
PHONE: 714 852 9050 FAX: 714 852 9011	SAMPLED BY: JPD

ANALYSIS/METHOD REQUEST: VOCs (8260), SVOCs (8270), Metals (6010/7471/7471 Hg), PCBs (8082)

Fax Results

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOCs (8260)	SVOCs (8270)	Metals (6010/7471/7471 Hg)	PCBs (8082)					REMARKS/PRECAUTIONS
AOI4-B23-1-0.0	2	5/22/98	0745	soil	Steel Sleeve	—	X	X	X	X					
AOI4-B23-2-5.0	2		0755				X	X	X	X					
AOI4-B23-3-10.0	2		0800				X	X	X	X					
AOI4-B23-4-15.0	2		0805				X	X	X	X					
AOI4-B20-1-0.0	2		0835				X	X	X						
AOI4-B20-2-4.0	2		0840				X	X	X						
AOI4-B20-2D-5.0	2		0840				X	X	X						
AOI4-B20-3-10.0	2		0850				X	X	X						
AOI4-B20-4-15.0	2		0855				X	X	X						
AOI4-B24-1-0.0	2		0920				X	X	X	X					
AOI4-B24-2-5.0	2		0925				X	X	X	X					
AOI4-B24-3-10.0	2		0930				X	X	X	X					
AOI4-B24-4-15.0	2		0935				X	X	X	X					
TRIP Blank #3	2			water	40ml		X								

Total No. of Samples: 28

Method of Shipment: Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/22/98 1145		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: M. Vanlaan	Date/Time: 5-22-98 1:00 pm

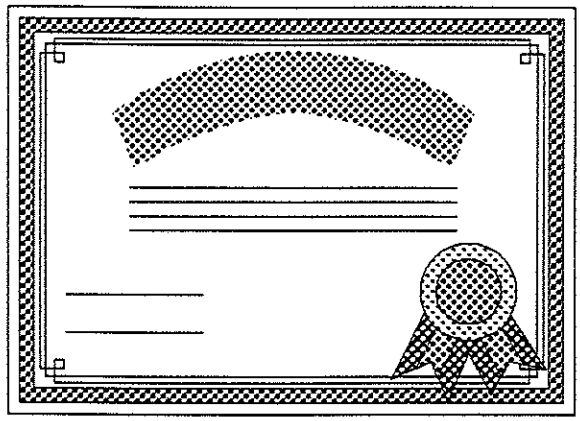
Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

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-C6-0110794

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



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 (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: Intergrated Environmental Services

Project No.:

Project Name: Boeing

Laboratory Reference: IES 10209

Analytical Method: PCB'S 8260

Date Sampled: 05/20/98
Date Received: 05/20/98
Date Reported: 05/22/98

Sample Matrix: Soil & Water

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	98050161	98050162	98050163	98050164	98050165	98050166	98050167	98050168
							SAMP TYPE	S	S	S	S	S	S	S	S
							RES CODE	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01
							SAMP ID	AOI4-B1-1-0.0	AOI4-B1-2-5.0	AOI4-B2-1-0.0	AOI4-B2-2-5.0	AOI4-B3-1-0.0	AOI4-B3-2-5.0	AOI4-B3-3-9.5	AOI4-B4-1-0.5
							SAMP DATE	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98
							SAMP TIME	9:50	9:55	10:15	10:20	10:45	10:50	10:55	11:10
							SAMP DEPTH	0'	5'	0'	5'	0'	5'	9.5'	0.5'
							PRESERVED								
							ICED	Y	Y	Y	Y	Y	Y	Y	Y
							RECEIVED	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98
							REC TIME	16:37	16:37	16:37	16:37	16:37	16:37	16:37	16:37
							BASIS	W	W	W	W	W	W	W	W
							Tested								
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons								
							Tested								
6010	5.0	0.5		T		ppm	Antimony								
6010	1.0	0.1		T		ppm	Arsenic								
6010	0.1	0.01		T		ppm	Barium								
6010	0.1	0.01		T		ppm	Beryllium								
6010	0.1	0.01		T		ppm	Cadmium								
							Tested								
7196	0.5	0.01		T		ppm	Chromium (VI)								
							Tested								
6010	0.1	0.01		T		ppm	Chromium Total								
6010	0.5	0.1		T		ppm	Cobalt								
6010	0.1	0.01		T		ppm	Copper								
6010	1.0	0.1		T		ppm	Lead								
							Tested								
7471	0.01	0.002		T		ppm	Mercury								
							Tested								
6010	0.5	0.1		T		ppm	Molybdenum								
6010	0.5	0.1		T		ppm	Nickel								
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								
6010	0.1	0.01		T		ppm	Zinc								
							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								
		1.0		S		ppm	Lead								
		0.01		S		ppm	Mercury								

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		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								05/21/98	
							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								<	
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								<	

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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								95	
					T		%	Toluene-d8								94	
					T		%	4-Bromofluorobenzene								97	
								Tested									
								Dilution Factor									
8270	100	5.0	83-32-9	T			ppb	Acenaphthene									
8270	100	5.0	208-96-8	T			ppb	Acenaphthylene									
8270	100	5.0	62-53-3	T			ppb	Aniline									
8270	100	5.0	120-12-7	T			ppb	Anthracene									
8270	500	50	65-85-0	T			ppb	Benzoic Acid									
8270	100	5.0	56-55-3	T			ppb	Benzo (a) anthracene									
8270	250	25	205-99-2	T			ppb	Benzo (b) fluoranthene									
8270	250	25	207-08-9	T			ppb	Benzo (k) fluoranthene									
8270	250	25	191-24-2	T			ppb	Benzo (g,h,i)perylene									
8270	250	25	50-32-8	T			ppb	Benzo (a) pyrene									
8270	100	50	100-51-6	T			ppb	Benzyl alcohol									

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8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane									
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether									
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether									
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate									
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether									
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate									
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline									
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene									
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol									
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol									
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ehter									
8270	100	5.0	218-0109	T		ppb	Chrysene									
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									
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									

BOE-C6-0110800

8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol								
							Tested	05/21/98	5/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98
							Dilution Factor	1	<	1	1	1	1	1	1
8080	20	5.0	12674-11-2	T		ppb	PCB-1016	<	<	<	<	<	<	<	<
8080	20	5.0	11104-28-2	T		ppb	PCB-1221	<	<	<	<	<	<	<	<
8080	20	5.0	11141-16-5	T		ppb	PCB-1232	<	<	<	<	<	<	<	<
8080	20	5.0	53469-21-9	T		ppb	PCB-1242	<	<	<	<	<	<	<	<
8080	20	5.0	12672-29-6	T		ppb	PCB-1248	<	<	<	<	<	<	<	<
8080	20	5.0	11097-69-1	T		ppb	PCB-1254	<	<	<	<	<	<	<	<
8080	20	5.0	11096-82-5	T		ppb	PCB-1260	<	<	<	<	<	<	<	<
							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								
							Tested								
9060	5.0	1.0		T		ppm	TOC								
							Tested								
9081	1.0	1.0		T		ppm	Cation Exchange Capacity								

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

BOE-C6-0110801

S	S	S	S	S	S	S	S	S	S			
PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01	PP01
AOI4-B4-2-4.5	AOI4-B4-2D-5.0	AOI4-B5-1-0.0	AOI4-B5-2-5.0	AOI4-B6-1-0.0	AOI4-B6-2-5.0	AOI4-B7-1-0.0	AOI4-B7-2-5.0	AOI4-B8-1-1.0	AOI4-B8-2-5.0	AOI4-B9-1-0.0	AOI4-B9-2-5.0	AOI4-B10-1-0.0
05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98
11:15	11:15	12:00	12:05	12:35	12:40	13:25	13:30	14:20	14:25	15:00	15:05	15:40
4.5'	5'	0'	5'	0'	5'	0'	5'	1'	5'	0'	5'	0'
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98	05/20/98
16:37	16:37	16:37	16:37	16:37	16:37	16:37	16:37	16:37	16:37	16:37	16:37	16:37
W	W	W	W	W	W	W	W	W	W	W	W	W
98050169	98050170	98050171	98050172	98050173	98050174	98050175	98050176	98050177	98050178	98050179	98050180	98050181

BOE-C6-0110802

IES 10209

05/21/98	05/21/98	05/21/98					05/21/98			05/21/98	05/21/98	05/21/98
1	1	1					1			1	1	1
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
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<	<	<					<			<	<	<
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<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	17					<			<	<	26
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<

<	<	<					<			<	<	2.9
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	140					<			2.5	<	95
<	<	<					<			<	<	<
<	<	<					<			<	<	<
<	<	<					<			<	<	<
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<	<	<					<			<	<	<
93	94	98					95			94	94	103
93	93	96					93			94	93	96
97	98	94					98			96	98	94

BOE-C6-0110804

05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98	05/21/98
1	1	1	1	1	1	1	1	1	1	1	1	1
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<	<	<	<	<	<	<	<	<	<	<	<	<

BOE-C6-0110806

						QC(S)								QC(W)				
PP01 AOI410-2-5.0 05/20/98 15:45 5' Y 05/20/98 16:37 W	PP01 AOI4-B11-1-0.0 05/20/98 16:15 0' Y 05/20/98 16:37 W	PP01 AOI4-B11-2-4.5 05/20/98 16:20 4.5' Y 05/20/98 16:37 W	PP01 AOI4-B11-2D-5.0 05/20/98 16:20 5' Y 05/20/98 16:37 W	PP01 AOI4-B11-3-9.5 05/20/98 16:25 9.5' Y 05/20/98 16:37 W	W BT11 TRIP BLANK 05/19/98 , N, H Y 05/20/98 16:37 W													
98050182	98050183	98050184	98050185	98050186	98050187	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]

BOE-C6-0110807

05/21/98	05/22/98			05/21/98	05/21/98	05/21/98								05/21/98				
1	1			1	1	1								1				
<	<			<	<	98050170	0.0	50	53	51	106	102	4	98050187	0.0	20	20	19
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<	<			<	<													
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<	<			<	<													
<	<			<	<	98050170	0.0	50	55	53	110	106	4	98050187	0.0	20	21	20
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<	<			<	<													
<	<			<	<	98050170	0.0	50	56	50	112	100	11	98050187	0.0	20	19	17
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BOE-C6-0110808

<	<			<	<	98050170	0.0	50	54	52	108	104	4	98050187	0.0	20	20	19
<	<			<	<													
<	<			<	<													
<	<			<	<	98050170	0.0	50	58	55	116	110	5	98050187	0.0	20	20	19
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<	<			<	<													
3.1	<			<	<													
<	<			<	<													
94	94			99	95													
94	95			92	93													
97	93			98	96													

BOE-C6-0110809

05/21/98	05/21/98	05/21/98	05/21/98	05/21/98		05/21/98												
1	1	1	1	1														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<														
<	<	<	<	<		98050162	0.0	250	220	200	88	80	10					

BOE-C6-0110811

RECOVER	D RECOVER	RPD

BOE-C6-0110812

100	95	5
105	100	5
95	85	11

BOE-C6-0110813

100	95	5
100	95	5

BOE-C6-0110814

BOE-C6-0110816

Analysis Request and Chain of Custody Record

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

Lab Job No: AOI4-2

Page 2 of 3

REQUIRED TAT: 24 hr

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Boeing c/o IESI	PROJECT NAME:	Boeing C-6 Parcel B
SEND REPORT TO:	Joshua Ornelas	NUMBER:	AOI4
ADDRESS:	2990 Westerly Pl, Ste 210 Newport Beach, CA 92660	LOCATION:	Los Angeles, CA
		ADDRESS:	19503 S. Normandie Ave Los Angeles, CA
PHONE:	714 852 9050	FAX: 714 852 9011	SAMPLED BY:

ANALYSIS/METHOD REQUEST: PCBs (8080), VOCs (8260)

Fax Results

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	PCBs (8080)	VOCs (8260)	REMARKS/PRECAUTIONS
AOI4-B5-1-5.0	1	5/20/98	1205	Soil	Steel Liner	—	X		~~Hold at lab - No analyses until notified~~
AOI4-B5-3-9.5	1		1210				X		Hold at Lab - No analyses until Notified
AOI4-B6-1-0.0	1		1235				X		
AOI4-B6-2-5.0	1		1240				X		
AOI4-B6-3-9.5	1		1245				X		Hold at lab - No analyses until Notified
AOI4-B7-1-0.0	1		1325				X		
AOI4-B7-2-5.0	1		1330				X	X	
AOI4-B7-3-9.5	1		1335				X		Hold at lab - No analyses until Notified
AOI4-B8-1-1.0	1		1420				X		
AOI4-B8-2-5.0	1		1425				X		
AOI4-B8-3-9.5	1		1430				X		Hold at lab - No analyses until notified
AOI4-B9-1-0.0	1		1500				X	X	
AOI4-B9-2-5.0	1		1505				X	X	
AOI4-B9-3-9.5	1		1510				X	X	Hold at lab - No analyses until Notified

Total No. of Samples: 14

Method of Shipment: Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/20/98 4:37 pm		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: Mehran Hashemi	Date/Time: 05/20/98 4:37 p.m.

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

Analysis Request and Chain of Custody Record

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

Lab Job No: A014-2
Page 1 of 3

REQUIRED TAT: 24 hr

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Boeing c/o IESI	PROJECT NAME: Boeing C-6 Parcel B
SEND REPORT TO: JOHNN P. ORNELAS	NUMBER: A014
ADDRESS: 3990 Westerly Pl, STE 210 Newport Beach, CA 92660	LOCATION: Los Angeles, CA
	ADDRESS: 19503 S. Normandie Ave Los Angeles, CA
PHONE: 714 852-9050 FAX: 714 852 9011	SAMPLED BY: [illegible]

ANALYSIS/METHOD REQUEST: PCBs (8080), VOCs (8260)

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	PCBs (8080)	VOCs (8260)	REMARKS/PRECAUTIONS
									Fax Result
A014-B1-1-0.0	1	5/20/98	0950	Soil	Steel Liner	—	X		
A014-B1-2-5.0	1		0955				X		
A014-B1-3-10.0	1		1000				X		Hold at Lab - No Analys. until notified
A014-B2-1-0.0	1		1015				X		
A014-B2-2-5.0	1		1020				X		
A014-B2-3-9.5	1		1025				X		Hold at Lab - No Analys. until notified.
A014-B3-1-0.0	1		1045				X		
A014-B3-2-5.0	1		1050				X		
A014-B3-3-9.5	1		1055				X	X	~~Hold at Lab - No Analys. until notified~~
A014-B4-1-0.5	1		1110				X		
A014-B4-2-4.5	1		1115				X	X	
A014-B4-2D-5.0	1		1115				X	X	
A014-B4-3-9.5	1		1120				X		Hold at lab - No Analys. until notified
A014-B5-1-0.0	1		1200				X	X	

Total No. of Samples: 14

Method of Shipment: Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/20/98 4:37 pm		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: McKran Hoffman	Date/Time: 05/20/98 4:37 p.m.

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 [illegible]

BOE-C6-0110818

Analysis Request and Chain of Custody Record

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

AOI4-
Lab Job No:
Page 3 of 3

REQUIRED TAT: 24 hr

CUSTOMER INFORMATION

COMPANY: Boeing c/o IESI
SEND REPORT TO: Joann P Ornelas
ADDRESS: 3990 Westerly Pl, Ste 210
Newport Beach, CA 92660
PHONE: 714 852-9050 FAX: 714 852-9011

PROJECT INFORMATION

PROJECT NAME: Boeing C-6 Parcel B
NUMBER: AOI4
LOCATION: Los Angeles, CA
ADDRESS: 19503 S. Normandie Ave
Los Angeles, CA
SAMPLED BY: [illegible]

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	PCBs (8080)	VOCs (8260)							REMARKS/PRECAUTIONS
AOI4-B10-1-0.0	1	5/20/98	1540	soil	steel liner	—	X	X							Fax Results
AOI4-B10-2-5.0	1		1545				X	X							
AOI4-B10-3-9.5	1		1550				X	X							Hold at lab - No analyses until Notified
AOI4-B11-1-0.0	1		1615				X	X							
AOI4-B11-2-4.5	1		1620				X								
AOI4-B11-2D-5.0	1		1620				X								
AOI4-B11-3-9.5	1		1625				X	X							
TRIP BLANK #1	1	5/20/98	1630	water	40ml			X							one vial broke in transit

Total No. of Samples: 8

Method of Shipment: Courier

Relinquished By: [signature] Date/Time: 5/20/98 4:37pm

Received By: Date/Time:

Relinquished By: Date/Time:

Received By: Date/Time:

Relinquished By: Date/Time:

Received For Lab By: Mehran Hashemi Date/Time: 05/20/98 4:37pm

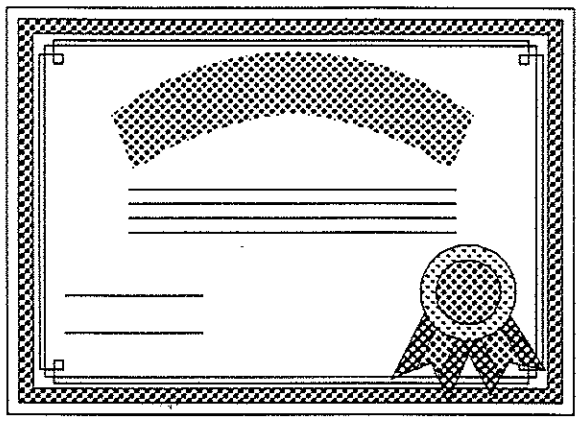
Reporting Format: (check)
NORMAL ____ S.D. HMMD ____
RWQCB ____ OTHER ____

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

BOE-C6-0110819

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



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 (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: Intergrated Environmental Services

Project No.:

Project Name: Boeing

Laboratory Reference: IES 10196

Analytical Method: PCB'S

Date Sampled: 05/15/98
Date Received: 05/15/98
Date Reported: 05/18/98

Sample Matrix: Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

											QC(S)								
							SAMP TYPE	S	S	S									
							RES CODE	PP01	PP01	PP01									
							SAMP ID	AOI4-CS1	AOI4-CS2	AOI4-CS3									
							SAMP DATE	05/15/98	05/15/98	05/15/98									
							SAMP TIME	8:27	8:31	8:34									
							SAMP DEPTH												
							PRESERVED												
							ICED	Y	Y	Y									
							RECEIVED	05/15/98	05/15/98	05/15/98									
							REC TIME	9:30	9:30	9:30									
							BASIS	W	W	W									
METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	98050095	98050096	98050097	LAB SAMP NO.	R1	T CONC	SL[a]	DL[a]	RECOVER	D RECOVER	RPD
							Tested											
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons											
							Tested											
6010	5.0	0.5		T		ppm	Antimony											
6010	1.0	0.1		T		ppm	Arsenic											
6010	0.1	0.01		T		ppm	Barium											
6010	0.1	0.01		T		ppm	Beryllium											
6010	0.1	0.01		T		ppm	Cadmium											
							Tested											
7196	0.5	0.01		T		ppm	Chromium (VI)											
							Tested											
6010	0.1	0.01		T		ppm	Chromium Total											
6010	0.5	0.1		T		ppm	Cobalt											
6010	0.1	0.01		T		ppm	Copper											
6010	1.0	0.1		T		ppm	Lead											
							Tested											
7471	0.01	0.002		T		ppm	Mercury											
							Tested											
6010	0.5	0.1		T		ppm	Molybdenum											
6010	0.5	0.1		T		ppm	Nickel											
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											
6010	0.1	0.01		T		ppm	Zinc											
							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											
		1.0		S		ppm	Lead											
		0.01		S		ppm	Mercury											

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		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
							Dilution Factor
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
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

BOE-C6-0110823

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
					T		%	Toluene-d8
					T		%	4-Bromofluorobenzene
								Tested
								Dilution Factor
8270	100	5.0	83-32-9	T			ppb	Acenaphthene
8270	100	5.0	208-96-8	T			ppb	Acenaphthylene
8270	100	5.0	62-53-3	T			ppb	Aniline
8270	100	5.0	120-12-7	T			ppb	Anthracene
8270	500	50	65-85-0	T			ppb	Benzoic Acid
8270	100	5.0	56-55-3	T			ppb	Benzo (a) anthracene
8270	250	25	205-99-2	T			ppb	Benzo (b) fluoranthene
8270	250	25	207-08-9	T			ppb	Benzo (k) fluoranthene
8270	250	25	191-24-2	T			ppb	Benzo (g,h,i)perylene
8270	250	25	50-32-8	T			ppb	Benzo (a) pyrene
8270	100	50	100-51-6	T			ppb	Benzyl alcohol

BOE-C6-0110824

8270	100	5.0	111-91-1	T		ppb	Bis(2-chloroethoxy)methane												
8270	100	5.0	111-44-4	T		ppb	Bis(2-chloroethyl)ether												
8270	100	5.0	39638-32-9	T		ppb	Bis(2-chloroisopropyl)ether												
8270	100	3.0	117-81-7	T		ppb	Bis(2-ethylhexyl)phthalate												
8270	100	5.0	101-55-3	T		ppb	4-Bromophenyl phenyl ether												
8270	100	5.0	85-68-7	T		ppb	Butyl benzyl phthalate												
8270	100	5.0	106-47-8	T		ppb	4-Chloroaniline												
8270	100	5.0	91-58-7	T		ppb	2-Chloronaphthalene												
8270	100	5.0	59-50-7	T		ppb	4-Chloro-3-methylphenol												
8270	100	5.0	95-57-8	T		ppb	2-Chlorophenol												
8270	100	5.0	7005-72-3	T		ppb	4-Chlorophenyl phenyl ether												
8270	100	5.0	218-0109	T		ppb	Chrysene												
8270	100	25	53-70-3	T		ppb	Dibenz(a,h)anthracene												
8270	100	5.0	132-64-9	T		ppb	Dibenzofuran												
8270	250	5.0	84-74-2	T		ppb	Di-N-butyl phthalate												
8270	100	5.0	541-73-1	T		ppb	1,3-Dichlorobenzene												
8270	100	5.0	106-46-7	T		ppb	1,4-Dichlorobenzene												
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												
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												

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8270	100	5.0	88-06-2	T		ppb	2,4,6-Trichlorophenol											
							Tested	05/15/98	05/15/98	05/15/98	05/15/98							
							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	590	580	1,700	OCA 200	0.0	250	140	150	56	60	7
							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	72-54-8	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											
							Tested											
9060	5.0	1.0		T		ppm	TOC											
							Tested											
9081	1.0	1.0		T		ppm	Cation Exchange Capacity											

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

BOE-C6-0110826

Analysis Request and Chain of Custody Record

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

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: _____

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Boeing / IESI	PROJECT NAME: Joann Ornelas
SEND REPORT TO: Joann Ornelas	NUMBER: Boeing / IESI
ADDRESS: 3990 Westerly Pl., Suite 210	LOCATION: ~~3990 Westerly Pl., Suite 210~~
Newport Beach, CA 92660	ADDRESS: ~~N~~ Torrance, CA
PHONE: (714) 852-9050 FAX: (714) 852-9011	SAMPLED BY: JPO

ANALYSIS/METHOD REQUEST: PCB (8080)

FAX Results

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	PCB (8080)	REMARKS/PRECAUTIONS
AOI4-CS1	1	5/15/98	0827	Soil	Glass	—	X	24 hour TAT
AOI4-CS2	1	5/15/98	0831	Soil	Glass	—	X	
AOI4-CS3	1	5/15/98	0834	Soil	Glass	—	X	

Total No. of Samples: 3

Method of Shipment: Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
[illegible]	5/15/98 0930		

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

Received For Lab By: Melvan Hashem MH Date/Time: 09:30 05-15-98

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 [illegible]

BOE-C6-0110827

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: BOEING | NO. 41150-2 | BORING NO. A0I4-B13

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			16.4	0850		11	X	ML
										12		
										13		
			6	6				0855		14	X	ML SAME
			6	6						15	X	
			6	6								
			6	6			55.2			16	X	
										17		BORING TERMINATED @ 16.0' BGS. GROUNDWATER NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED WITH MEDIUM BENTONITE CHIPS ON 5-21-96
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

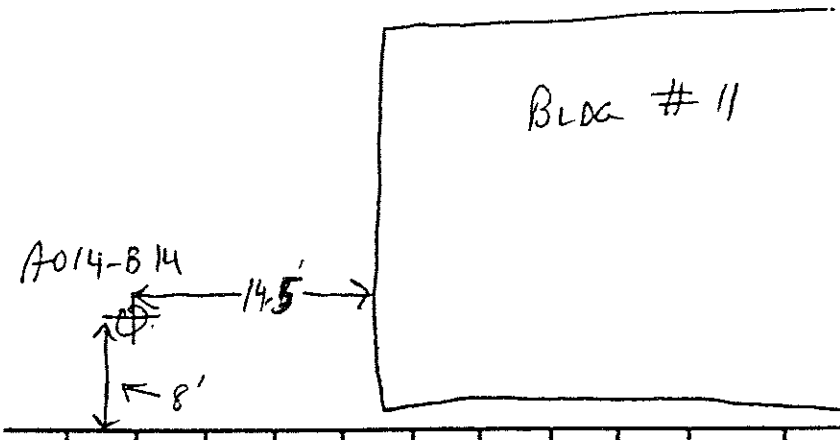
FFS

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: BOEING	BORING NO. A014-B14
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: MARK CLARDY	EDITED BY:
DRILLING CONTRACTOR: GREGG DRILLING	
DRILL RIG TYPE: GEOPROBE	
DRILLERS NAME: JOE	
SAMPLING METHODS: 1.125" X 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 0930	DATE: 5-21-98
COMPLETED, TIME: 0950	DATE: 5-21-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
												GRAVEL [FILL]
			6	6				0930		1	ML	DRK. BRN. CLAYEY SILT (ML), STIFF, MOIST, LOW PLASTICITY, MICACEOUS
			6	6			231			2		
			6	6								
			6	6						3		
			6	6				0935		4	ML	BRN SILT (ML), STIFF, MOIST, NON PLASTIC, MICACEOUS
			6	6						5		
			6	6								
			6	6			245			6		
										7		
										8		
			6	6				0940		9	ML	SAME
			6	6						10		
			6	6								

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: BOEING | NO 41150-2 | BORING NO. AOI4-B14

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			367	0940		11	ML	
										12		
										13		
			6 6	6 6				0950		14	ML	SAME
			6 6	6 6			124	↓		15 16		

BORING TERMINATED @ 16.0' BGS. GROUNDWATER NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED WITH MEDIUM BENTONITE CHIPS ON 5-21-98

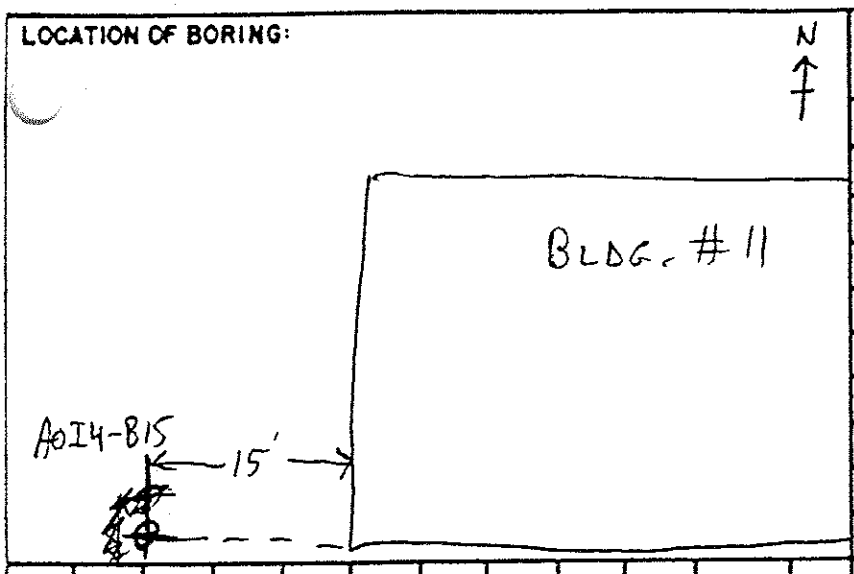
HARDING LAWSON ASSOCIATES

BOE-C6-0110830

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: BOEING	BORING NO. AOI4-B15
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: MARK CLARDY	EDITED BY:
DRILLING CONTRACTOR: GREGG DRILLING	
DRILL RIG TYPE: GEOPROBE	
DRILLERS NAME: JOE	
SAMPLING METHODS: 1.125" X 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 1015	DATE: 5-21-98
COMPLETED, TIME: 1035	DATE: 5-21-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
												3" GRAVEL FILL
			6	6				1015			ML	DRK. BRN. CLAYEY SILT (ML), STIFF, MOIST, LOW
			6	6			209			1		PLASTICITY, MICACEOUS
			6	6								
			6	6						2		
										3		
										4		
			6	6				1020			ML	LT. BRN SILT (ML), STIFF, MOIST, NON-PLASTIC,
			6	6						5		MICACEOUS
			6	6								
			6	6			171			6		
										7		
										8		
										9		
			6	6				1025			ML	SAME
			6	6						10		
			6	6								

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: BOEING | NO. 41150-2 | BORING NO. AOI4-B15

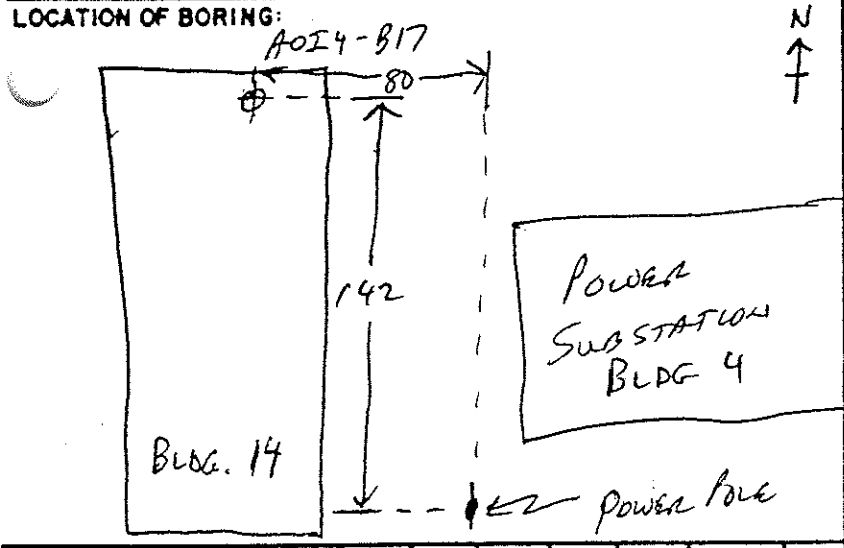
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D.	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			86.6	1025		11	X	ML
										12		
										13		
			6	6				1035		14	X	ML SAME
			6	6						15	X	
			6	6								
			6	6			271			16	X	
										17		BORING TERMINATED @ 16.5' BGS G.W. NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED W/ MED. BENT. CHIPS ON 5-21-98
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: Boeing	BORING NO. AOI4-B17
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: Mark Clardy	EDITED BY:
DRILLING CONTRACTOR: Gregg Drilling	
DRILL RIG TYPE: Geoprobe	
DRILLERS NAME: Joe	
SAMPLING METHODS: 1.125" x 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 1145	DATE: 5-21-98
COMPLETED, TIME: 1200	DATE: 5-21-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
			6 6	6 6			287	1145		1	ML	Brn Clayey Silt (ML), Stiff, Moist, Non-Plastic, Micaceous
			6 6	6 6						2		
										3		
			6 6	6 6				1150		4	ML	~~Sandy~~ Brn Silt (ML), Stiff, Moist, Micaceous
			6 6	6 6			71.2			5 6		
										7		
										8		
			6 6	6 6				1155		9	ML	Same
			6	6						10		

HARDING LAWSON ASSOCIATES

BOE-C6-0110833

FIELD LOG OF BORING (CONTINUED)

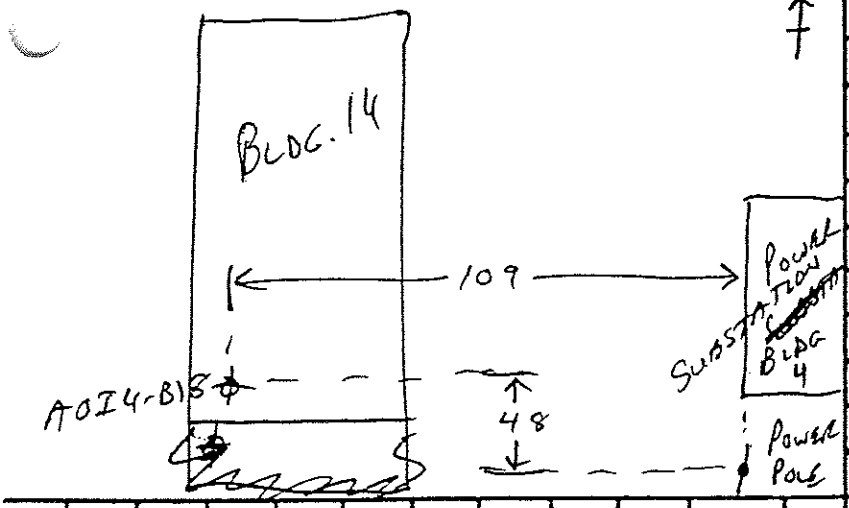
PROJECT: BOEING | NO 41150-2 | BORING NO. A014-B17

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			130	1155		11	ML	
										12		
										13		
			6	6				1200		14	ML	SAME
			6	6								
			6	6						15		
			6	6			188			16		
										17		BORING TERMINATED @ 16.0' BGS, GROUNDWATER NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED WITH MEDIUM BENTONITE CHIPS ON 5-21-98
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: BOEING	BORING NO. AOI4-B18
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: MARK CLARDY	EDITED BY:
DRILLING CONTRACTOR: GREGG DRILLING	
DRILL RIG TYPE: GEOPROBE	
DRILLERS NAME: JOE	
SAMPLING METHODS: 1.125" X 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 1325	DATE: 5-21-98
COMPLETED, TIME: 1345	DATE: 5-21-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
			6 6	6 6				1325			ML	DARK BRN CLAYEY SILT (ML), STIFF, MOIST, MICACEOUS, LOW PLASTICITY
			6 6	6 6			559			1 2		
										3		
			6 6	6 6				1330		4	ML	BRN SILT (ML), STIFF, MOIST, MICACEOUS
			6 6	6 6			108			5 6		
										7		
										8		
			6 6	6 6				1335		9	ML	SAME
			6	6						10		

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: BOEING | NO. 41150-2 | BORING NO. A024-B18

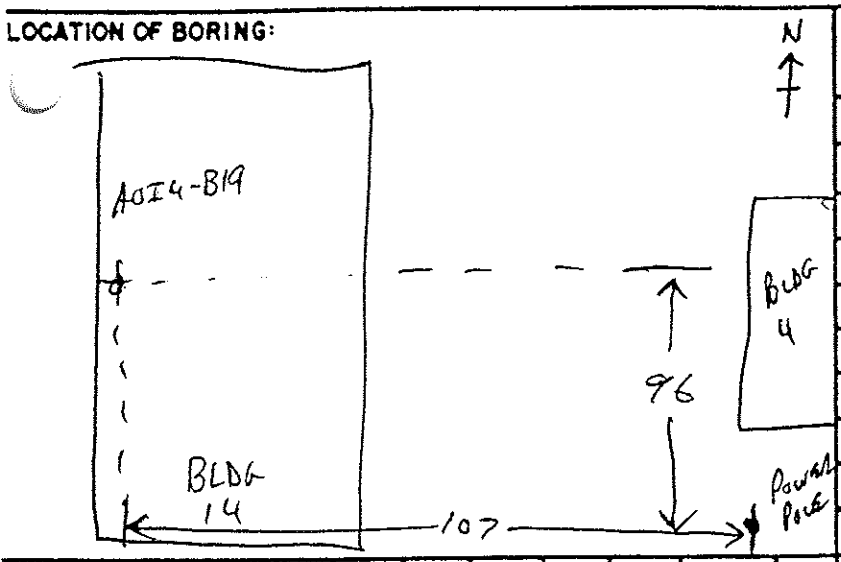
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			58.7	1335		11	ML	
										12		
										13		
			6	6				1345		14	ML	SAME, FEW F-SAND
			6	6						15		
			6	6								
			6	6			0.0			16		
										17		BORING TERMINATED @ 16.0' BGS. GROUNDWATER NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED WITH MEDIUM BENTONITE CHIPS ON 5-21-98
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: BOEING	BORING NO. AOI4-B19
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: MARK CLARDY	EDITED BY:
DRILLING CONTRACTOR: GREGG DRILLING	
DRILL RIG TYPE: GEOPROBE	
DRILLERS NAME: JOE	
SAMPLING METHODS: 1.125" X 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 1415	DATE: 5-21-98
COMPLETED, TIME: 1435	DATE: 5-21-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
			6 6	6 6				1415			ML	DARK BRN CLAYEY SILT (ML), STIFF, MOIST, LOW PLASTICITY, MICACEOUS
			6 6	6 6			2.5			1 2		
										3		
										4		
			6 6	6 6				1420		4	ML	SAME
			6 6	6 6			.300			5 6		
										7		
										8		
			6 6	6 6				1425		9	ML	BRN SILT (ML), STIFF, MOIST, MICACEOUS
			6	6						10		

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: BOEING | NO. 41150-2 | BORING NO. A014-B19-

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			305	1425		11	X	ML
										12		
										13		
			6	6				1435		14	X	ML SAME, FEW F-SAND
			6	6								
			6	6						15		
			6	6			232			16	X	
										17		BORING TERMINATED @ 16.0' BGS. GROUNDWATER NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED WITH MEDIUM BENTONITE CHIPS ON 5-21-98
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

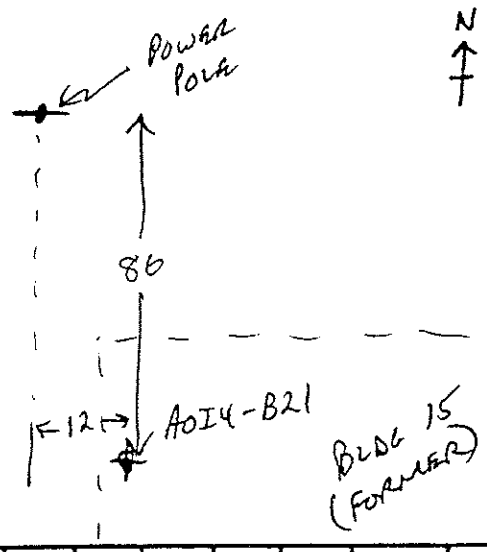
FFS

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: BOEING	BORING NO. A014-B21
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: MARK CLARDY	EDITED BY:
DRILLING CONTRACTOR: GREGG DRILLING	
DRILL RIG TYPE: GEOPROBE	
DRILLERS NAME: JOE	
SAMPLING METHODS: 1.125" X 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 1545	DATE: 5-21-98
COMPLETED, TIME: 1605	DATE: 5-21-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
			6	6				1545			HL	DARK BRN CLAYEY SILT (ML), STIFF, MOIST, LOW PLASTICITY, MICACEOUS
			6	6								
			6	6			76.2			1	X	
			6	6						2	X	DECREASING CLAY CONTENT @ 2' BGS, COLOR CHG. TO BRN
										3		
										4	X	HL BRN SILT (ML) STIFF, MOIST, MICACEOUS
			6	6				1550				
			6	6								
			6	6						5		
			6	6			288			6	X	
										7		
										8		
			6	6				1555		9	X	HL SAME, FEW F-SAND
			6	6								
			6	6						10		

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: BOEING | NO. 41150-2 | BORING NO. AOI4-B21

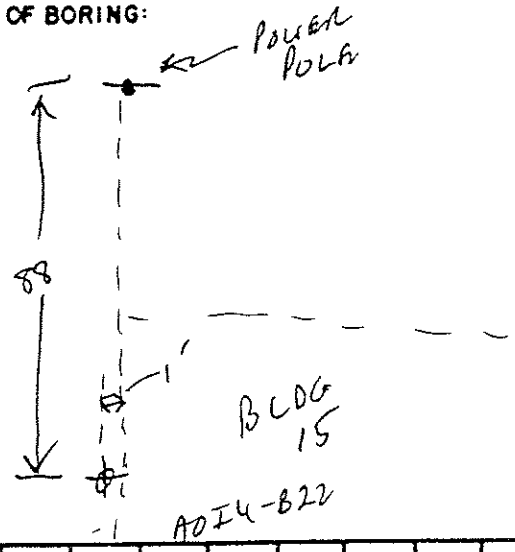
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			247	1555		11	X	ML
										12		
										13		
			6	6				1605		14	X	ML SAME
			6	6								
			6	6						15		
			6	6			182			16	X	
										17		
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

BORING TERMINATED @ 16.0' BGS. GROUNDWATER NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED WITH MEDIUM BENTONITE CHIPS ON 5-21-98

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: BOEING	BORING NO. AOI4-B22
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: MARK CLARDY	EDITED BY:
DRILLING CONTRACTOR: GREGG DRILLING	
DRILL RIG TYPE: GEOPROBE	
DRILLERS NAME: JOE	
SAMPLING METHODS: 1.125" X 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 1615	DATE: 5-21-98
COMPLETED, TIME: 1635	DATE: 5-21-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
			6 6	6 6				1615			ML	DARK BRN CLAYEY SILT (ML), STIFF, MOIST, LOW PLASTICITY, MICACEOUS
			6 6	6 6			134			1 2		
										3		
							812 ~~46~~					
			6 6	6 6				1620		4 5	ML	BRN SILT (ML) STIFF, MOIST, NON-PLASTIC, MICACEOUS
			6 6	6 6			119			6		
										7		
										8		
			6 6	6 6				1630		9	ML	SAME
			6	6						10		

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: BOEING | NO. 41150-2 | BORING NO. AOI4-B22

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D.	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			85.8	1630		11	X ML	
										12		
										13		
			6 6	6 6				1635		14	X ML	BRN CLAYEY SILT (ML), STIFF, MOIST, MED PLASTICITY & LOW TOUGHNESS, MICACEOUS
			6 6	6 6			80.5	↓		15		
										16	X	
										17		BORING TERMINATED @ 16.0' BGS. GROUNDWATER NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED WITH MEDIUM BENTONITE CHIPS ON 5-21-98
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

Sheet 1 of 1

Project: Boeing
Subject: FIELD INVESTIGATION DAILY REPORT
Equipment Rental: _____ Company: _____
Equipment Hours: _____ F.E. Time from: _____ to: _____

Job No.: 41150-6.2
Date: 5-22-98
To: MC
By: BJH

(outside service and expense record must be attached for any outside costs)

0515 - Leave For Site In Tek 601
0645 - @ Site. Meet With Joann. Set Up Equipment. Calibrate PID: Reads 0.0 On Ambient Air & 100.0 On 100.0 PPM Isobutylene
0715 - 1 Direct Heavy Equip. Operator On Clearing A Path To AOI4-B23 & AOI4-B20. Gregg Drilling On Site @ 0655
0745 - Start AOI4-B23
0835 - Start AOI4-B20
0920 - Start AOI4-B24
1010 - Start A-B1
1130 - Finish A-B1. De Mobing Packaging Samples
1210 - Joann Leaves With Samples. Joe Offloading Decon Water @ Drum. I Put Soil Cuttings In 5 Gal Bucket Under Steps Of Construction Trailer Per Joann
1215 - Making Measurements & Drawing Maps For 5 Borings. Finishing Paperwork
1230 - Joann Called. Analytical Results Are Low To N.D. Will Not Need To Step Out. Tuesday Is Off. Finishing Paperwork & Measuring
1235 - Call MC To Update Status. Leave Message
1250 - Finish Maps. Call Gratach To See If Open. Will Be Leaving Early. Notify Them That I Am Done & Will Return PID On Tues. @ 0800
300 - Leave Site

Attachments:

Initial

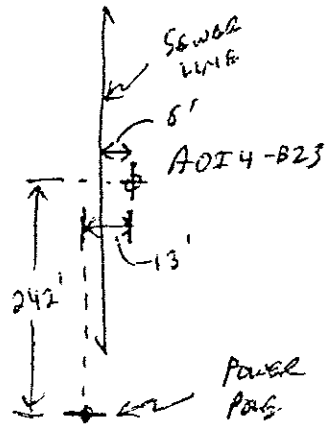
Harding Lawson Associates

BOE-C6-0110843

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING: Boeing



PROJECT: Boeing	BORING NO. AOI4-B23
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: Mark Clardy	EDITED BY:
DRILLING CONTRACTOR: Gregg Drilling	
DRILL RIG TYPE: Geoprobe	
DRILLERS NAME: Joe	
SAMPLING METHODS: 1.125" x 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 0745	DATE: 5-22-98
COMPLETED, TIME: 0805	DATE: 5-22-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
			6 6	6 6				0745			ML	Dark Brn Clayey Silt (ML), Stiff, Moist, Med. Plasticity & Low Toughness, Micaceous
			6 6	6 6			5.3			1 2		
										3		
										4	ML	Brn Silt (ML), Stiff, Moist, Non-Plastic, Micaceous, Rootlets
			6 6	6 6				0755				
			6 6	6 6			11.5			5 6		
										7		
										8		
			6 6	6 6				0800		9	ML	Same
			6	6						10		

EF7

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING (CONTINUED)

SHEET 2 OF 2

PROJECT: BOEING | NO. 41150-2 | BORING NO. AOI 4-B23

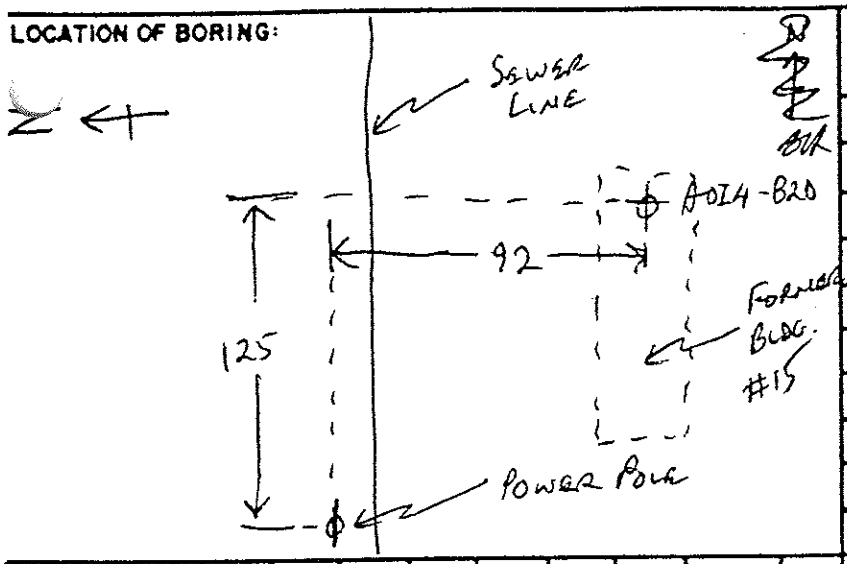
DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			6.9	0805		11	ML	
										12		
										13		
			6	6				0805		14	ML	SAME
			6	6						15		
			6	6								
			6	6			10.4			16		
										17		BORING TERM. @ 16.0' BGS. G.W. NOT ENCOUNTERED DURING DRILLING. BORING BACKFILLED WITH MED. BENT. CHIPS ON 5-22-98
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

HARDING LAWSON ASSOCIATES

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: BOEING	BORING NO. AOI4-B20
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: MARK CLARDY	EDITED BY:
DRILLING CONTRACTOR: GREGG DRILLING	
DRILL RIG TYPE: GEOPROBE	
DRILLERS NAME: JOE	
SAMPLING METHODS: 1.125" X 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 0835	DATE: 5-22-98
COMPLETED, TIME: 0855	DATE: 5-22-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
			6 6	6 6				0835			ML	BRN SILT (ML), V STIFF, MOIST, MICACEOUS
			6 6	6 6			47.1			1 2		(NOTE: BORING STARTED IN EXCAVATION @ 4' BGS)
										3		
			6 6	6 6				0840		4	ML	SAME
			6 6	6 6			16.5			5 6		(DUPLICATE SAMPLE)
										7		
										8		
			6 6	6 6				0850		9	ML	SAME
			6	6						10		

FIELD LOG OF BORING (CONTINUED)

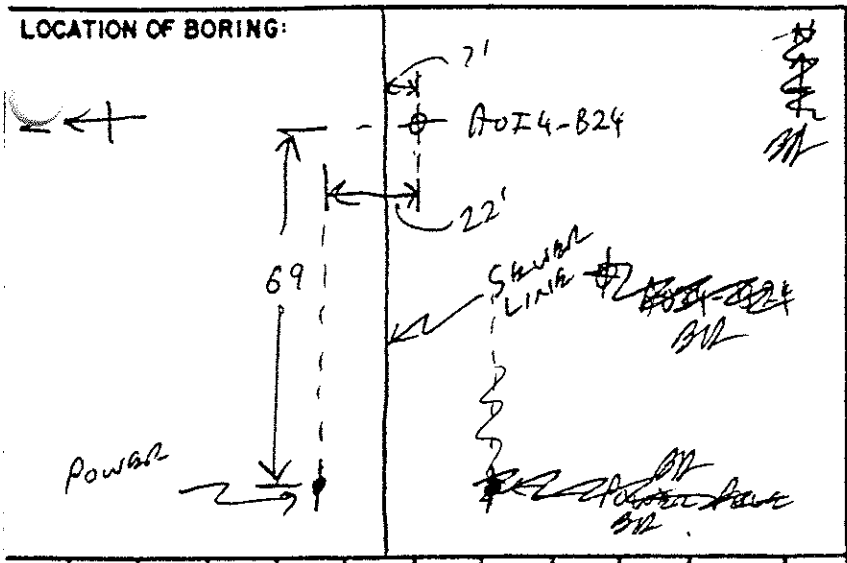
PROJECT: BOEING | NO. 41150-2 | BORING NO. A014-B20

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
							34.3	0850		11	X	ML
										12		
										13		
			6	6				0855		14	X	ML SAME, FEW F-SAND
			6	6						15		
			6	6								
			6	6			20.0			16	X	G.W. NOT ENCOUNTERED DURING DRILLING
										17		BORING TERM. @ 16.0' BGS. BORING BACKFILLED W/ MED. BENT. CHIPS.
										18		
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

FIELD LOG OF BORING

SHEET 1 OF 2

LOCATION OF BORING:



PROJECT: BOEING	BORING NO. AOI4-B24
	TOTAL DEPTH: 16.0
JOB NO.: 41150-2	LOGGED BY: BJH
PROJ. MGR.: MARK CLARDY	EDITED BY:
DRILLING CONTRACTOR: GREGG DRILLING	
DRILL RIG TYPE: GEOPROBE	
DRILLERS NAME: JOE	
SAMPLING METHODS: 1.125" X 18" S/S	
HAMMER WT.: N/A	DROP: N/A
STARTED, TIME: 0920	DATE: 5-22-98
COMPLETED, TIME: 0935	DATE: 5-22-98
BORING DEPTH (ft.)	
CASING DEPTH (ft.)	
WATER DEPTH (ft.)	
TIME:	
DATE:	
BACKFILLED, TIME:	DATE: BY:
SURFACE ELEV.:	DATUM:
CONDITIONS:	

SAMPLE DEPTH	SAMPLER TYPE	BLOWS/6-IN.	INCHES DRIVEN	INCHES RECOVERED	SAMPLE CONDITION	DRILLING RATE (min/ft)	PID	TIME		DEPTH IN FEET	GRAPHIC LOG	
			6	6				0920			CL	DRK BRN SILTY CLAY (CL), STIFF, MOD.
			6	6								PLASTICITY & TOUGHNESS, MICACEOUS
			6	6						1		
			6	6			78.5			2		
											CL/ML	
										3		
										4		
			6	6				0925			ML	BRN CLAYEY SILT (ML), STIFF, MOIST, LOW
			6	6						5		PLASTICITY, MICACEOUS
			6	6								
			6	6			39.2			6		
										7		
										8		
										9		
			6	6				0930			ML	BRN SILT (ML) STIFF, MOIST, NON-PLASTIC
			6	6						10		MICACEOUS, TR. F-SAND
			6	6								

FIELD LOG OF BORING (CONTINUED)

PROJECT: BOEING | NO. 41150-2 | BORING NO. AOI4-B24

DEPTH	TYPE	BLOWS	DRIVEN	REC'V'D	COND.	D.RATE	PID	TIME		DEPTH	GRAPHIC LOG	
			6	6			64.6	0930		11	X	ML
										12		
										13		
			6 6	6 6				0935		14	X	ML SAME, FEW F-SAND, SAND INCREASING @ 16.0' BGS
			6 6	6 6			89.9	↓		15		
										16	X	
										17		BORING TERM. @ 16.0' BGS. GROUNDWATER NOT ENCOUNTERED DURING DRILLING.
										18		BORING BACKFILLED W/ MED. BENT. CHIPS ON 5-22-98
										19		
										20		
										21		
										22		
										23		
										24		
										25		
										26		
										27		
										28		
										29		
										30		

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