Boeing Realty Corporation's
C-6 Facility • Los Angeles, California
INSTALLATION OF TEMPORARY MONITORING WELLS TMW-10 THROUGH TMW-16
and 2nd Quarter (March/April 1999) Groundwater Monitoring Results

VOLUME II
Appendices D, E, F

APRIL 2000

Prepared for:

BOEING REALTY CORPORATION
4060 Lakewood Boulevard, Sixth Floor
Long Beach, CA 90808

Prepared by:

KENNEDY/JENKS CONSULTANTS
2151 Michelson Drive, Suite 100
Irvine, CA 92612-1311

K/J 994001.00

APPENDIX D

WELL DEVELOPMENT RECORDS

Groundwater Purge and Sample Form Date: 2-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-12

PROJECT NUMBER: PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 65.69 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric sounder PURGE METHOD: ~~2"x8"~~ 1.66 x 12' stainless bailer + Redi-Flow

TIME START PURGE: 1210 PURGE DEPTH (FT) 75 - 81

TIME END PURGE: 1520

TIME SAMPLED: —

COMMENTS: 15 gal. injected into well during construction. Will remove 45 gal. in addition to normal purge.
1300 - Began surging well 1320 Resumed bailing

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3 = 7.41 CASING VOLUME (GAL)
	81.14		65.69		15.45		0.16	0.64	1.44		2.47

TIME	1218	1330	1325	1425	1500	1520	
VOLUME PURGED (GAL)	1 gal.	5 gal.	10 gal.	25 gal.	45 gal.	54 gal.	
PURGE RATE (GPM)							
TEMPERATURE (~~°C~~)F	68.3	68.9	69.0	68.9	68.4	68.8	
pH	7.04	7.10	7.24	7.13	7.14	7.14	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1446.	1576.	1625.	1651.	1635	1649.	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light - med Brown Very silty	→	med. brown very turbid	light Brown v. turbid	v. light Brown turbid	light brown v. light turbid	
ODOR	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)	81'	T.D -81.35	81'	81'	75'	75'	
DEPTH TO WATER DURING PURGE (FT)	—	65.74	65.73	65.84	65.66	65.	
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-431 (5-89)

Groundwater Purge and Sample Form Date: 2-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-10

PROJECT NUMBER: PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 61.71 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric sounder PURGE METHOD: 1.66 x 10' SS bailer

TIME START PURGE: 1630 PURGE DEPTH (FT) 70 - 79'

TIME END PURGE: 1846

TIME SAMPLED: N.A.

COMMENTS: ~~15~~ 10 gal. injected during well construction. Will remove ~~45~~ 30 gal. in addition to normal purge volume.
1645 - Began surging - surged 18 min. 1715 - Resumed bailing

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)		DEPTH TO WATER (FT)	-	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3= 7.98 CASING VOLUME (GAL)
	Beg. 79.36	End ~~79.11~~	61.71		16.65		0.16	0.64	1.44		2.66

TIME	1643	1730	1805	1824	1846		
VOLUME PURGED (GAL)	3gal.	10gal.	20gal.	30gal.	40gal.		
PURGE RATE (GPM)							
TEMPERATURE (°C)	68.4	67.8	67.4	68.4	67.7		
pH	7.42	7.50	7.46	7.47	7.48		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1451.	1360.	1350.	1502.	1516.		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.	~~Med Brown~~						
TURBIDITY/COLOR	Med. Brown V. Turbid	—	Light Brown Turbid	V. Light Brown Turbid	→		
ODOR	~~Faint~~ Sweet odor	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	78'	78'	78'	78'	78'		
DEPTH TO WATER DURING PURGE (FT)	61.73	61.91	61.80	61.87	61.81		
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 2-6-99 2-7-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-16

PROJECT NUMBER: PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): MEASURING POINT DESCRIPTION:

WATER LEVEL MEASUREMENT METHOD: PURGE METHOD: 1.66 x 10' SS bailer + Rad.-Flow 2

TIME START PURGE: 0730 PURGE DEPTH (FT) 67 + 68'

TIME END PURGE:

TIME SAMPLED:

COMMENTS: Low recovery in well. 15 gal. injected during construction, will remove 45 gal. in addition to normal purge vol.
Bailed 1hr, began surge @ 830. Resumed purge @ 0900.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 4 gal. CASING VOLUME (GAL)
	Beg. 68.75 / End		60.15		8.40		0.16	0.64	1.44		1.34

TIME	0800	0925	2-7-99 0840				
VOLUME PURGED (GAL)	5gal.	10gal.	14gal.				
PURGE RATE (GPM)							
TEMPERATURE (°C)	65.2	68.4	66.5				
pH	7.53	7.70	7.75				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1479.	1,578.	1,510.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Med. brown v. silty turbid	light brown lightly turbid	light Brown turbid				
ODOR	No	No	No				
DEPTH OF PURGE INTAKE (FT)	68'	68'	67'				
DEPTH TO WATER DURING PURGE (FT)	63.65	63.60	67'				
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?		Yes	Yes				

F-431 (5-89) (ISGO.I) Page 1 of 2

Groundwater Purge and Sample Form Date: 2-7-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-14

PROJECT NUMBER: PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 72.89 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Sounder PURGE METHOD: Bailer + Redi-Flow 2

TIME START PURGE: 0950 PURGE DEPTH (FT) 82 - 84'

TIME END PURGE: 1127

TIME SAMPLED: —

COMMENTS: 5 gal. water added during well construction, will purge 45 gal. in addition to normal purge.

1018 - Began surgeing after 10 gal. purged. 1030 - Bailed 10 gal. 1110 - Began pumping x3 = 7.5

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	Beg 85.88 / End 88.45		72.89		15.56 ~~12.99~~ ~~11.49~~		0.16	0.64	1.44		2.5 ~~1.91~~

TIME	1000	1010	1113	1117	1122	1127	
VOLUME PURGED (GAL)	1 gal.	5	25	35	45	55	
PURGE RATE (GPM)			3.5	2.5	2.5	2.5	
TEMPERATURE (°C)	70.6	70.2	70.0	70.9	72.5	70.2	
pH	7.14	7.38	7.22	7.18	7.14	7.13	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2660.	2,500.	2,330.	2,320.	2280.	2210.	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	V. light tan lightly turb.	light Brown turbid	Yel. lightly turbid	V. light Yel. lightly turbid	Clear	Clear	
ODOR	No	No	No	No	No	No	
DEPTH OF PURGE INTAKE (FT)	84'	84'	82'	82'	82'	82'	
DEPTH TO WATER DURING PURGE (FT)			74.40	74.00	73.90	73.95	
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

Groundwater Purge and Sample Form Date: 2-7-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-11

PROJECT NUMBER: PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 62.13 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric sounder PURGE METHOD: 1.66 x 10' stainless Bailer + Bal.-Flow 2

TIME START PURGE: 1200 / 1258 Began pumping PURGE DEPTH (FT) 75' 77'

TIME END PURGE: 1312

TIME SAMPLED:

COMMENTS: 10 gal. added during construction, will remove 30 gal. in addition to normal purge.

1225 - Began surging well. 1240 - Cleaned w/bailer. Total bailed - 15 gal.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	Beg. 75.20 / End 78.45		62.13				0.16	0.64	1.44		

TIME	1210	1223	1302	1307	1311	1312	
VOLUME PURGED (GAL)	2 gal.	8 gal.	20 gal.	30 gal.	40 gal.	45 gal.	
PURGE RATE (GPM)							
TEMPERATURE (°C)	68.4	69.1	69.4	71.1	71.9	71.9	
pH	7.15	7.16	7.04	7.02	7.00	7.03	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1760.	2060.	2280	2090	2180.	2150.	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Brown 50% silt	Brown silty V. turbid	Brown silty V. turbid	light brown turbid	V. light Yel.	Clear	
ODOR	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)	75'	77'	77'	77'	77'	77'	
DEPTH TO WATER DURING PURGE (FT)	N.A.	N.A.	63.62	63.22	63.22	63.21	
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 2-7-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-13

PROJECT NUMBER: PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 65.65 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric sounder PURGE METHOD: 1.66" x 10' SS bailer + Redi-Flow 2

TIME START PURGE: 1342 PURGE DEPTH (FT) 75' - 78'

TIME END PURGE: 1501

TIME SAMPLED:

COMMENTS: 10 gal. water injected during construction, will remove 30 gal. additional to reg. purge. 1410 - Began surging. 1425 - Resumed purge w/bailer. 1450 - Began purge w/pump. 18 gal. bailed

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT) Beg. / End	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3 = 6.6 CASING VOLUME (GAL)
	75.45 / 79.35		65.65		13.70		0.16	0.64	1.44		2.19

TIME	1344	1454	1456 ~~1~~	1458	1501		
VOLUME PURGED (GAL)	1 gal.	25 gal.	30 gal.	40 ~~35~~ gal.	45 gal.		
PURGE RATE (GPM)							
TEMPERATURE (°C)	68.7	70.3	71.1	71.9	72.6		
pH	7.29	7.14	7.08	7.03	7.03		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1,880.	1,930.	1,880.	1850.	1850.		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light brown turbid	light brown turbid	light Yel. w/light turb.	Clear	Clear		
ODOR	No	No	No	No	No		
DEPTH OF PURGE INTAKE (FT)	75'	78'	78'	78'	78'		
DEPTH TO WATER DURING PURGE (FT)	—	66.40	66.42	66.42	66.41		
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89) (ISGO.I) Page 1 of 2

Groundwater Purge and Sample Form

Date: 2-7-99

Kennedy/Jenks Consultants

PROJECT NAME: Boeing C-6

WELL NUMBER: TMW-15

PROJECT NUMBER:

PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 68.98

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: ~~Dip~~ Electric Sounder

PURGE METHOD: 1.66" x 10' SS bailer, Redi-Flow 2

TIME START PURGE: 1616

PURGE DEPTH (FT) 79 - 89

TIME END PURGE: 1805

TIME SAMPLED: N.A.

COMMENTS: 10 gal. injected during construction, will remove 30 gal. in addition to normal volume. 1650 - Began surging, well cleaned with bailer 1715 - Resumed bailing 1740 - Began purging w/pump 1805 - Ended purge due to pump [illegible]

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT) Beg / End	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 9.75 CASING VOLUME (GAL)
	79.81 / 89.35		68.98		20.37		0.16	0.64	1.44		3.25

TIME	1620	1646	1720	1740	1805		
VOLUME PURGED (GAL)	1 gal.	10	14	20	40		
PURGE RATE (GPM)							
TEMPERATURE (°C)	69.3	69.4	69.0	71	72		
pH	7.94	7.94	7.88	7.85	7.87		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1890.	1,320.	1888.	1850.	1,855.		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Olive Brown Very turbid 50% silt	V. light brown turbid	Olive Brown V. Turbid	V. light brown	light yellow		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	79'	89. ~~79~~	85	87'	87'		
DEPTH TO WATER DURING PURGE (FT)	—	—					
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 2-9-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-16

PROJECT NUMBER: PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 60.15 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric sounder PURGE METHOD: 1.66" x 3' SS. bailer

TIME START PURGE: 1200 PURGE DEPTH (FT) 69'

TIME END PURGE: 1515

TIME SAMPLED: N.A. Note: 1400 - pH, cond + temp meter not working.

COMMENTS: 15gal. injected during construction, 45 gal. will be removed in addition to normal vol. - 18gal. removed previously. 1400 - Finished cleaning well with bailer. Surged 15 min. 1410 - Begin pumping well.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT) Beg. / End	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3 = 4.5 CASING VOLUME (GAL)
	69.50		60.15		9.35		0.16	0.64	1.44		1.5 ~~1.4~~

TIME	1215	1400	1515				
VOLUME PURGED (GAL)	.5gal.	12	20				
PURGE RATE (GPM)							
TEMPERATURE (°C)	69.8	N.A.	N.A.				
pH	7.07	N.A.	N.A.				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1,510.	N.A.	N.A.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	olive brown 50% silt	olive brown, turbid →					
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	69'	69'	69'				
DEPTH TO WATER DURING PURGE (FT)	—						
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Daily Inspection Report No. _____ **Kennedy/Jenks/Chilton**

Contractor —

Supt. on Job Shane Scrimshire

Sheet 1 of 1

Weather Overcast, drizzly

Date 2-9-99

Temperature 65 °F Max 64 °F Min

Project Boeing C-6

Work Hours 1150 to 1530 Memos Issued

Photos

K/J/C Job No.

Special Conditions, Delays, Changes well is obstructed at 65-70'. Will not make clear water, silts up quickly. Can't use pump.

Accidents Damage Pump motors fouled by sand + silt.

Sampling, Testing —

Visitors to Site —

Work Report (Work done, Personnel/Equipment working)

1150 Arrival on site. Began preparing to finish development of TMW-16. Will use several different types of bailers to clean silt + sediment from well.

1200 Began bailing well with a 1.66" x 3' stainless bailer.
- Bailer fits past obstruction at 65-70'. Large amounts of silty sand removed from well.
- Note: Hydac pH, cond. temp meter not working, cracked probe.

1400 Finished removing sand + silt from well with stainless bailer. Total volume purged with bailer is 12 gal. today + 18 gal. previously (30 gal. total).

1405 Began surging well.

1440 Began purging well with Redi-Flow 2.

1450 Pump is completely fouled by sand in well. Well silts up during recharge.

1500 Bailed well clean of silt + sand. Total volume removed is 38 gal.

1530 Left site.

Distribution: Inspection File (orig)
Field File

By: [signature]

APPENDIX E

GROUNDWATER PURGE AND SAMPLE FORMS

Daily Inspection Report No. _____ **Kennedy/Jenks/Chilton**

Contractor —

Supt. on Job Shane Scrimshire

Weather Partly Cloudy

Temperature 65 °F Max 50 °F Min

Work Hours 1300 to 1530 Memos Issued

Photos —

Special Conditions, Delays, Changes —

Sheet 1 of 2

Date 3-2-99

Project Boeing C-6

K/J/C Job No. 994001.00

Accidents Damage —

Sampling, Testing Sampled wells WCC-9S + WCC-12S.

Visitors to Site —

Work Report (Work done, Personnel/Equipment working)

1300 Arrived at site. Set up decon system then drove to Integrated Field office Met with Joann + Anderson.

1330 Jay Knight arrived at site. Began setting up to sample wells.

Calibrated Field instruments, calibrated previously in office but will check calibration in Field.

- Hydac pH, conductivity + temp meter calibrated with pH 7 + pH 10 buffers. Cond. calibrated with 1413 umhos/cm Potassium chloride solution.
- Environmental Instruments PID calibration tested against 100 ppm Isobutylene.

Hydac –	Solution	Original Reading	Corrected to
	pH 7	6.99	N.A.
	pH 10	10	N.A.
	1413 umhos/cm	1410 umhos/cm	N.A.

Distribution: Inspection File (orig)
Field File

By [signature]

Daily Inspection Report **Kennedy/Jenks Consultants**

200 New Stine Road, Suite 115
Bakersfield, California 93309
805-835-9785
FAX 805-831-5196

Job Title Boeing C-6 Job No. 994001.00

Date 3-2-99 Sheet 2 of 2

1514 Began purging WCC-9S.
- Note: All locks replaced by Integrated, obtained keys from Anderson.

1550 Finished purge + collected sample # WCC9S-GW-1-05 (Integrated numbering system).

Note: Purgewater drums will be filled on trailer + unloaded as needed to make room for new drums. Drums stockpiled near water tower on North West corner of site.

1700 Jay left site. Finished decon + set up to purge WCC-12S.

1745 Finished purge + collected sample # WCC12S-GW-1-06.

1830 Left site. Trailer left at stockpile area.

Inspector

Groundwater Purge and Sample Form Date: 3-2-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-9S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 60.45 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1514 PURGE DEPTH (FT) 65'

TIME END PURGE: 1535

TIME SAMPLED: 1550

COMMENTS: 1430 - Measured well head gas with PID, 1.3ppm. 1535 - slowed purge to 200 ml/min for sample collection.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 50 CASING VOLUME (GAL)
	89.35		60.45		28.90		0.16	0.64	1.44		16.50

TIME	1518	1523	1528	1531	1535		
VOLUME PURGED (GAL)	10 gal.	25 gal.	40 gal.	50	60		
PURGE RATE (GPM)	3.0	3.0	3.0	3.0	3.0		
TEMPERATURE (°C)	68.3	70.1	70.7	70.7	70.7		
pH	7.13	7.21	7.26	7.30	7.29		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1520.	1400	1293.	1258.	1224.		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	65'	65'	65'	65'	65'		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-2-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-95

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1550 COMMENTS: WCC95-GW-1-65

DEPTH SAMPLED (FT): 65' 3-liter Ambers, 3-VOA's

SAMPLING EQUIPMENT: Red.-Flow 2 1-~~100~~ 250 ml Plastic

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC95-GW-1-65	7	VOA's, Amber liters + Plastic	HCL HNO3	NO	3,350 ml	N.A.	clear	Yes	see COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 60 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drums marked clearly with paint pencil.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS: New locks installed on all wells by Integrated.

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 55° F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-2-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-12S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 60.49 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Elec. Probe PURGE METHOD: Red. - Flow 2

TIME START PURGE: 1710 PURGE DEPTH (FT) 66'

TIME END PURGE: 1731

TIME SAMPLED: 1745

COMMENTS: 1740 - Measured wellhead gases with PID, 19 ppm. 1731. Slowed flowrate to 200 mL/min for sample collection.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	X3 = 57 CASING VOLUME (GAL)
	90.30		60.49		29.81		0.16	0.64	1.44		19

TIME	1713	1716	1724	1731			
VOLUME PURGED (GAL)	10	25	40	58			
PURGE RATE (GPM)	2.5	2.5	2.5	2.5			
TEMPERATURE (°C)	68.9	71.0	70.4	71.2			
pH	7.52	7.48	7.44	7.43			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1543.	1213.	1145.	1167.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	66'	66'	66'	66'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-2-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-125

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1745 COMMENTS:

DEPTH SAMPLED (FT): 66'

SAMPLING EQUIPMENT: Red. - Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC125-GW-1-66	7	VOAS, Amber liters, Plastics	HCL + HNO3	NO	3370 ml	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 55 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drums marked clearly with date + contents.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES (NO)

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS: Cristy box broken, lid replaced by an aluminum plate, slip cap on well instead of locking plug.

GENERAL:

WEATHER CONDITIONS: Partly cloudy

TEMPERATURE (SPECIFY °C OR °F): 55 °F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

KENNEDY/JENKS CONSULTANTS

SAMPLE CHAI. F-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #116, Bakersfield, CA 93309
☐ 630 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
☐ 6190 Neil Road, #300, Reno, NV 89502
☐ 3336 Bradshaw Rd., #140, Sacra CA 95827
☐ 303 Second St., San Francisco, CA 07
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-2-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 994001.00

Report To Rus Purcell

Company Kennedy / Jenks

Address 2151 Michelson Dr #100
Irvine CA. 92612

Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 VOCs	8270 SVOCs	T-22 metals / 6010	Chromium 7196	7471 Mercury	8080 Pesticides			Comment/Conditions (Container type, container number, etc.)
	WCC9S-GW-1-65	3/1/99	1550	GW	65'	—	HCL	norm.	X	X	X	X	X	X			
	WCC12S-GW-1-66	"	1745	"	66'	—	"	"	X	X	X	X	X	X			
	Trip Blank - 1	"	—	T.P.					X								

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/3/99	10:20

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
[signature]	Isaac Wardman	OCA	3/3/99	10:20

\MISC\CUSTODY2.FRM

000065.06

BOE-C6-0045335

Daily Inspection Report No. _____ **Kennedy/Jenks/Chilton**

Contractor —

Supt. on Job Shane Scrimshire

Sheet 1 of 2

Weather Partly Cloudy

Date 3-3-99

Temperature 65 °F Max 55 °F Min

Project Boeing C-6

Work Hours 0700 to 1900 Memos Issued

Photos —

K/J/C Job No. 994001.00

Special Conditions, Delays, Changes —

Accidents Damage —

Sampling, Testing Purged + sampled wells TMW-10, 11, 12, 13, 14 + 15. TMW-16 was attempted but could not purge with pump due to low recovery + silt.

Visitors to Site Lab courier on site at 1015 AM to pick up samples collected on 3-2-99.

Work Report (Work done, Personnel/Equipment working)

0700 Arrival at site. Began setting up to purge + sample wells. - Tire on trailer is flat, will repair.

0800 Finished repairing tire + began setting up at TMW-10.

0815 Calibrated instruments.

Hydac pH, cond, temp meter

Solution	Original Reading	Corrected to
pH 7 buffer	7.01	N.A.
pH 10 buffer	9.99	N.A.
Potassium Chloride 1413 umhos/cm	1409	N.A.

0825 - Environmental Instruments PID is dead, left key in back of instrument overnight. Chargeing at guard shack.

0847 Began purgeing TMW-10.

0955 Purgeing TMW-11 1015 - Courier on site.

1120 Purgeing TMW-12

Distribution: Inspection File (orig)
Field File

By [signature]

Daily Inspection Report

Kennedy/Jenks Consultants

200 New Stine Road, Suite 115
Bakersfield, California 93309
805-835-9785
FAX 805-831-5196

Job Title Boeing C-6 Job No. 994001.00

Date 3-3-95 Sheet 2 of 2

1200 Cannot begin purgeing TMW-13 until drums arrive on site. Scheduled to arrive at 1130 AM.

1306 Began purgeing into 5 gal. buckets, will transfer water to drums when they arrive.

1325 Collected sample # TMW13-GW-1-70.

1345 Delivery van arrived on site with drums + other supplies from Geo-technical.

1430 Attempted to purge TMW-16, well dewatered. Will return with bailer.

1634 Began purgeing TMW-14.

1700 Collected sample # TMW14-GW-1-80.

1742 Began purgeing TMW-15.
-Note: Pump stopped several times during purge because of silt. Water did not fall back into well because of a checkvalve in the system.

1810 Collected sample # TMW15-GW-1-79.
-Replaced teflon bushings in pumphead after purge + sampling was complete.

1830 Moved the trailer to drum storage area + began preparing to leave site.

1900 Left site.

Inspector

F-4
Rev. 11/91

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-10

PROJECT NUMBER: 994001.00 PERSONNEL:

SAMPLE DATA:

TIME SAMPLED: 0915 COMMENTS: TMW10-GW-1-68

DEPTH SAMPLED (FT): 68'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW10-GW-1-68	3 3 1	VOAS liter Ambers Plastic	HCL None HNO3	NO	3370ml	NA.	v.v. light yellow	Yes	See COC	

WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 12 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Shared with TMW-11 + 12.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Clear

TEMPERATURE (SPECIFY °C OR °F): 55°F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing - C-6 WELL NUMBER: THW-10

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 61.53 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Rol-Flow 2

TIME START PURGE: 0847 PURGE DEPTH (FT) 68'

TIME END PURGE: 0854

TIME SAMPLED: 0915

COMMENTS: PID battery is dead.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 8 CASING VOLUME (GAL)
	78.05		61.53		16.52		0.16	0.64	1.44		2.64

TIME	0849	0851	0852	0854			
VOLUME PURGED (GAL)	1 gal.	5 gal.	8 gal.	12 gal.			
PURGE RATE (GPM)	2	2	2	2			
TEMPERATURE (°C)	69.8	71.6	71.9	72.3			
pH	7.23	7.42	7.46	7.45			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1459.	1598.	1591.	1573.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light Brown, Silty	v. light tan/ silty	v. light Yellow	v.v. light Yellow/ Clear			
ODOR	No	No	No	No			
DEPTH OF PURGE INTAKE (FT)	68'	68'	68'	68'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-11

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 68' MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 0955 PURGE DEPTH (FT) 68'

TIME END PURGE: 1005

TIME SAMPLED: 1015

COMMENTS: PID battery is dead.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3 = 8 CASING VOLUME (GAL)
	78.43		62.11		16.32		0.16	0.64	1.44		2.61

TIME	0957	1000	1004	1005			
VOLUME PURGED (GAL)	1gal.	5gal.	8gal.	10gal.			
PURGE RATE (GPM)	1	1	1	1			
TEMPERATURE (°C)	71.3	72.6	73.3	73.3			
pH	7.24	7.09	7.06	7.07			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2060.	2200.	2,240.	2,250.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light Brown silty	light brown silty	v.v light yellow	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	68'	68'	68'	68'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-11

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1015 COMMENTS: TMW-11-GW-1-68

DEPTH SAMPLED (FT): 68'

SAMPLING EQUIPMENT: Red. - Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW11-GW-1-68	7	VOAs, Amber liters, Plastic	HCL + HNO3	NO	3,370ml	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 10 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-10 + 12.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Clear

TEMPERATURE (SPECIFY °C OR °F): 65°F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-12

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 65.55 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Red. - Flow 2

TIME START PURGE: 1120 PURGE DEPTH (FT) 70'

TIME END PURGE: 1128

TIME SAMPLED: 1125

COMMENTS: PID battery is dead.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3= 7.5 CASING VOLUME (GAL)
	81.30		65.55		15.75		0.16	0.64	1.44		2.52

TIME	1123	1126	1128				
VOLUME PURGED (GAL)	2 gal.	7 gal.	9 gal.				
PURGE RATE (GPM)	1	1	1				
TEMPERATURE (°C)	70.6	72.4	73.2				
pH	7.02	6.94	6.94				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1587.	1666.	~~1[illegible]~~ 1670.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	V. light Yellow	V.V. light Yellow	Clear				
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-12

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1135 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW12-GW-1-70	7	VOA's, Amber liter, Plastic	HCL + HNO3	& NO	3370ml	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 9 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-10, & 11

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Clear

TEMPERATURE (SPECIFY °C OR °F): 65 °F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-13

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 65.59 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1306 PURGE DEPTH (FT) 70'

TIME END PURGE: 1316

TIME SAMPLED: 1325

COMMENTS: PID battery is dead.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3 = 6.5 CASING VOLUME (GAL)
	79.25		65.59		13.66		0.16	0.64	1.44		2.18

TIME	1309	1313	1315	1316			
VOLUME PURGED (GAL)	1gal.	5gal.	7gal.	8gal.			
PURGE RATE (GPM)	1	1	1	1			
TEMPERATURE (°C)	72.1 ~~70.5~~	73.3	73.3	73.0			
pH	7.05 ~~7.1~~	7.04	7.02	7.02			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1659.	1699.	1708	1707.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light tan turbid	Yellow, silty	V.V. light Yellow	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'	70'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-13

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1325 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW13-GW-1-70	7	VOA's, liter Ambers, Plastic	HCL + HNO3	NO	3370 ml	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 8 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): drum shared with TMW-14 +15

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Clear

TEMPERATURE (SPECIFY °C OR °F): 65 °F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3/3/99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-14

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 72.75 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1634 PURGE DEPTH (FT) 80'

TIME END PURGE: 1644

TIME SAMPLED: 1700

COMMENTS: PID Battery is dead.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 7.5 CASING VOLUME (GAL)
	88.40		72.75		15.65		0.16	0.64	1.44		2.5

TIME	1636	1638	1642	1644			
VOLUME PURGED (GAL)	1 gal.	5 gal.	8 gal.	10 gal.			
PURGE RATE (GPM)	1	1	1	1			
TEMPERATURE (°C)	70.0	71.4	72.3	71.8			
pH	7.15	7.13	7.22	7.13			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2420.	2430	2370.	2370.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light tan silty	Yellow	Clear	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	80'	80'	80'	80			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-14

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1700 COMMENTS:

DEPTH SAMPLED (FT): 80'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW 14-GW-1-80	7	VOA's, liter Amber, Plastic	HCL + HNO3	NO	3370ml	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 10 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-15 + 13.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 55°F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-15

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 68.95 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: ~~1738~~ 1742 PURGE DEPTH (FT) 79'

TIME END PURGE: 1759

TIME SAMPLED: 1810

COMMENTS: Replaced bushings in rotor assembly when purge was complete (Worn due to silt in water).
PID battery is dead

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 9.33 CASING VOLUME (GAL)
	88.40		68.95		19.45		0.16	0.64	1.44		3.11

TIME	1749	1752	1755	1757	1759		
VOLUME PURGED (GAL)	3 gal.	8 gal.	10 gal.	12 gal.	14 gal.		
PURGE RATE (GPM)	1	1	1	1	1		
TEMPERATURE (°C)	67.5	71.1	71.6	72.2	71.9		
pH	8.01	7.87	7.77	7.72	7.67		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	922.	1002.	1073.	1082.	1075.		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	V. silty Brown	V. silty Brown	light tan silty	Yellow, silty	Yellow		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	79'	79'	79'	79'	79'		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-3-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-15

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1810 COMMENTS:

DEPTH SAMPLED (FT): 79'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW15-GW-1-99	7	VOA's, liter Amber, Plastic	HCL + HNO3	NO	3370ml	N.A.	Yellow	Yes	SEE COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 14 COMMENTS: Silt in well wore out teflon bushings in pump rotor assy.

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum & shared with TMW-14 & 13

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly cloudy, breezy.

TEMPERATURE (SPECIFY °C OR °F): 55 °F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? Pump stopped once, restarted + Finished purge.

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

KENNEDY/JEN :ONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

- ☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
- ☐ 630 South 336th St., Federal Way, WA 98003
- ☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
- ☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
- ☐ 6190 Neil Road, #300, Reno, NV E
- ☐ 3336 Bradshaw Rd., #140, Sacrame. , CA 95827
- ☐ 303 Second St., San Francisco, CA 94107
- ☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-3-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 994001.00

Report To Rus Purcell

Company Kennedy/Jenks

Address 2151 Michelson Dr. # 100

Irvine CA. 92612

Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 - VOCs	8270 - SVOCs	6010 - T-22 Metals	7196 - Chromium	7471 - Mercury	8080 - Pesticides			Comment/Conditions (Container type, container number, etc.)
	TMW10-GW-1-68	3/3/99	0915	W			HCL	Norm.	X	X	X	X	X	X			
	TMW11-GW-1-68	"	1015	"			"	"	X	X	X	X	X	X			
	TMW12-GW-1-70	"	1135	"			"	"	X	X	X	X	X	X			
	TMW13-GW-1-70	"	1325	"			"	"	X	X	X	X	X	X			
	TMW14-GW-1-80	"	1700	"			"	"	X	X	X	X	X	X			
	TMW15-GW-1-79	"	1810	"			"	"	X	X	X	X	X	X			
	Trip Blank-2	"	—	"			"	"	X								

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY: Print Name	Signature	Company	Date	Time	SAMPLE RECEIVED BY: Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/3/99	1020	[illegible]	[illegible]	OCA	3/4/99	10:30

BOE-C6-0045350

\MISC\CUSTODY2.FRM

000065.06

Daily Inspection Report No. _____ **Kennedy/Jenks/Chilton**

Contractor —

Supt. on Job Shane Scrimshire

Sheet 1 of 3

Weather Partly cloudy

Date 3-4-99

Temperature 65 °F Max 55 °F Min

Project Boeing C-6

Work Hours 0630 to 2000 Memos Issued

Photos —

K/J/C Job No. 994001.00

Special Conditions, Delays, Changes —

Accidents Damage —

Sampling, Testing Purged + sampled wells

Visitors to Site —

Work Report (Work done, Personnel/Equipment working)

0630 Arrived on site. Began calibrating instruments.

- Hydac pH, cond + temp ~~probe~~ meter.

solution	Original Reading:	Corrected to
pH 7 buffer	7.00	N.A.
pH 10 buffer	9.99	N.A.
1413 umhos/cm Potassium chloride	1410 umhos/cm	1412

- Environmental Instruments PID

Gas	Original Reading	Corrected to
100 ppm Isobutylene	101 ppm	N.A.

0700 Moved full drums off of trailer, picked up new drums + drove to WCC-5S in Auto Nation parking lot.
- WCC-5S is in a landscaped area. Grade has been raised approx 1-2' + well has been recompleted.

0800 Anderson of Integrated came onsite to check progress.

0815 Anderson left area.

0850 Began purging well.

Distribution: Inspection File (orig)
Field File

By [signature]

Daily Inspection Report

Kennedy/Jenks Consultants

200 New Stine Road, Suite 115
Bakersfield, California 93309
805-835-9785
FAX 805-831-5196

Job Title Boeing C-6 Job No. 994001.00

Date 3-4-99 Sheet 2 of 3

0915 Collected sample # WCC5S-GW-1-70
- Discovered dirt on pump that may have been knocked into well during re-completion.

0951 Began purging WCC-7S. - WCC-7S has been recompleted also.

1015 Collected sample # WCC7S-GW-1-70.
Dirt in WCC-7S from recompletion.

1056 Began purging WCC-4S. WCC-4S raised + recompleted.

1125 Collected sample # WCC4S-GW-1-70.
Dirt in well from re-completion.

1207 Began purging WCC-11S. This well has also been raised + recompleted.

1235 Collected sampled # WCC11S-GW-1-70.
Dirt in well from recompletion.

~~1300~~ 1330 Moved intruments, drum + supplies to an electric cart + trailer to purge wells inside buildings.
- After decon outside, ~~mov~~ wrapped equipment in clean plastic + transported them to wells inside.

1402 Began purging well TMW-9. Plugged pump controller into a nearby electrical outlet.

1418 Collected sample # TMW9-GW-1-70.

1520 Began purging TMW-6. Boeing employee left gate to patio open when he left for the day, asked that I lock it on my way out.

1540 Collected sample # TMW6-GW-1-70.

Inspector

F-4
Rev 11/91

Daily Inspection Report

Kennedy/Jenks Consultants

200 New Stine Road, Suite 115
Bakersfield, California 93309
805-835-9785
FAX 805-831-5196

Job Title Boeing C-6 Job No. 994001.00

Date 3-4-99 Sheet 3 of 3

1555 Left TMW-6. Locked gate.

1650 Began purgeing well TMW-5. (TMW-55 on purge form)
- Wellhead gas was measured at 1409 ppm.

1710 Collected sample # TMW5-GW-1-70.
Note: Well casing is loose. When pushed to one side it will slowly rebound. Will move ~ ½".

1824 Began purgeing TMW-4.
Note: No grout around casing, measured down 47' to top of grout outside of casing.

1840 Collected sample # TMW4-GW-1-70.

2000 Left site.

Inspector

F-4
Rev 11/91

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-55

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 62.07 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 0850 PURGE DEPTH (FT) 70

TIME END PURGE: 0910

TIME SAMPLED: 0915

COMMENTS: 0900 - Measured wellhead gas with PID - 0.6 ppm.

Note: Dirt in well from re-completion of Cristy Box.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	X3 = 47 CASING VOLUME (GAL)
	90.00		62.07		27.93		0.16	0.64	1.44		15.87

TIME	0852	0857	0904	0910			
VOLUME PURGED (GAL)	5 gal.	20 gal.	35 gal.	50 gal.			
PURGE RATE (GPM)	2.5	2.5	2.5	2.5			
TEMPERATURE (°C)	69.8	71.3	70.4	70.8			
pH	7.15	7.23	7.20	7.27			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1407.	1517.	1499	1515.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'	70'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-5S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 0915 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Red. - Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC5S-GW-1-70	7	Vot's, Amber liter, Plastic	HCL + HNO3	NO	3370ml	N.A.	Clear	Yes	see COC.	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum, marked with paint pencil.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS: Integrated installed a new completion box on 3-3-99

GENERAL:

WEATHER CONDITIONS: Partly cloudy

TEMPERATURE (SPECIFY °C OR °F): 55°F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-7S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 63.67 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 0951 PURGE DEPTH (FT) 70'

TIME END PURGE: 1009

TIME SAMPLED: 1015

COMMENTS: 0938 - Measured wellhead gases with PID - 11ppm.

Note. Dirt in well from re-completion of Cristy Box.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 53 CASING VOLUME (GAL)
	90.50		63.67		27.83		0.16	0.64	1.44		17.81

TIME	0954	1000	1004	1007	1009		
VOLUME PURGED (GAL)	5gal.	20gal.	35gal.	45gal.	55gal.		
PURGE RATE (GPM)	3	3	3	3	3		
TEMPERATURE (°C)	70.4	72.2	72.3	72.3	72.3		
pH	7.38	7.42	7.36	7.36	7.38		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1827.	1691.	1616.	1568	1523.		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'	70'	70'		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-75

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1015 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC 75-GW-1-70	7	Non-filter Amber Plastics	HCL + HNO3	NO	3370 ml	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 55 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum, marked with paint pencil

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS: Integrated installed a new Wellhead completion on 3-3-99.

GENERAL:

WEATHER CONDITIONS: Partly cloudy

TEMPERATURE (SPECIFY °C OR °F): 60°F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell

Job File:

Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-4S

PROJECT NUMBER: 994001 00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 62.95 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Red. Flow 2

TIME START PURGE: 1058 PURGE DEPTH (FT) 70'

TIME END PURGE: 1117

TIME SAMPLED: 1135

COMMENTS: 1045 Measured wellhead gases with PID - 7.0 ppm

Note: Dirt in well from re-completion of Cristy box.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	(4)	6	=	x3 = 51 CASING VOLUME (GAL)
	89.65		62.95		26.70		0.16	0.64	1.44		17

TIME	1100	1106	1112	1117			
VOLUME PURGED (GAL)	4 gal.	20 gal.	35 gal.	50			
PURGE RATE (GPM)	2.5	2.5	2.5	2.5			
TEMPERATURE (°C)	70.6	71.5	71.6	71.8			
pH	7.27	7.26	7.24	7.26			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1916.	1895.	1782.	1676			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'	70'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-4S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1125 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC4S-GW-1-70	7	VOA's, liter amber, Plastic	HCL + HNO3	NO	3330mL	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum, marked with paint pencil.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS: New completion box installed on 3-3-99 by Integrated.

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 60°F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-11S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 63.79 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1207 PURGE DEPTH (FT) 70'

TIME END PURGE: 1225

TIME SAMPLED: 1235

COMMENTS: 1155 - Measured wellhead gas with PID - 4 ppm.

Note: Dirt in well from re-completion of Cristy Box.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 52 CASING VOLUME (GAL)
	90.95		63.79		27.16		0.16	0.64	1.44		17.38

TIME	1209	1215	1219	1222	1225		
VOLUME PURGED (GAL)	5 gal.	25 gal.	35 gal.	45 gal.	55 gal.		
PURGE RATE (GPM)	3	3	3	3	3		
TEMPERATURE (°C)	68.4	69.5	69.8	70.4	69.9		
pH	7.41	7.31	7.33	7.34	7.36		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1075.	1368.	1368	1364	1330		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'	70'	70'		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-11S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1235 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC11S-GW-1-70	7	40ml, liter Ambers, Plastic	HCL + HNO3	NO	3370mL	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 55 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum marked with paint pencil.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS: Integrated installed new Completion box on 3-3-99.

GENERAL:

WEATHER CONDITIONS: Partly cloudy

TEMPERATURE (SPECIFY °C OR °F): 65°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-9S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.93 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Red. Flow 2

TIME START PURGE: 1402 PURGE DEPTH (FT) 70'

TIME END PURGE: 1413

TIME SAMPLED: 1418

COMMENTS: 1345 - Measured wellhead gas, 57 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 7 CASING VOLUME (GAL)
	79.26		64.93		14.33		0.16	0.64	1.44		2.3

TIME	1404	1409	1413				
VOLUME PURGED (GAL)	1 gal.	5 gal.	10 gal.				
PURGE RATE (GPM)	1	1	1				
TEMPERATURE (°C)	70.8	72.8	73.9				
pH	7.59	7.47	7.47				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1157.	1205.	1218.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light yell. lightly turb.	light yellow	light yellow				
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	70'	70	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-9

PROJECT NUMBER: 994001.00 PERSONNEL: Steve Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1418 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW9-GW-1-70	7	VOA, Amber liter, Poly	HCL + HNO3	NO	330ml	NA.	light Yellow	Yes	see COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 10 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Inside building #1

TEMPERATURE (SPECIFY °C OR (°F)): 60 ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: RJS Purcell

Job File:

Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-6 S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.45 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1520 PURGE DEPTH (FT) 70'

TIME END PURGE: 1531

TIME SAMPLED: 1540

COMMENTS: 1505 - Measured wellhead gas with p.i.d - 1.8 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3 = 7.2 CASING VOLUME (GAL)
	79.48		64.45		15.03		0.16	0.64	1.44		2.40

TIME	1523	1527	1531				
VOLUME PURGED (GAL)	1gal.	5gal.	8gal.				
PURGE RATE (GPM)	.75	.75	.75				
TEMPERATURE (°C)	70.0	70.4	71.2				
pH	7.42	7.26	7.26				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1742.	1764.	1774.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light yellow	very lightly turbid	Clear				
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-6

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1540 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW6-GW-1-70	7	VOAs, Amber liters, plastic	HCL + HNO3	NO	3370ml	N.A.	Clear	Yes	see COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 8 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-1, 4 + 5.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 60°F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Russ Purcell
Job File:
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-55

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.47 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1650 PURGE DEPTH (FT) 70'

TIME END PURGE: 1701

TIME SAMPLED: 1710

COMMENTS: 1640 - Measured wellhead gas with PID - 1409 ppm.
Casing is loose, can push back + forth 1/4 - 1/2".

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 7.41 CASING VOLUME (GAL)
	79.95		64.47		15.48		0.16	0.64	1.44		2.47

TIME	1654	1658	1701				
VOLUME PURGED (GAL)	2gal.	6gal.	8gal.				
PURGE RATE (GPM)	1	1	1				
TEMPERATURE (°C)	68.2	69.0	70.4				
pH	7.81	7.64	7.61				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	706.	714.	730.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	lightly turbid	Clear	Clear				
ODOR	No	NO	NO				
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-5

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1710 COMMENTS: 200 mL/min Flowrate for sampling.

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW5-GW-1-70	7	VOAs, Amber liter, Plastic	HCL + HNO3	NO	3370 ml	N.A.	Clear	Yes	see COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 55 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-1, 4 + 6

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: 55°F ±, Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F):

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-4$

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.43 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1824 PURGE DEPTH (FT) 70'

TIME END PURGE: 1833

TIME SAMPLED: 1840

COMMENTS: Grout around casing has fallen to about 47' bgs, casing is standing free. 1800 - Measured wellhead gas, 1.0 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 6.7 CASING VOLUME (GAL)
	78.35		64.43		13.92		0.16	0.64	1.44		2.22

TIME	1826	1830	1833				
VOLUME PURGED (GAL)	2gal.	5gal.	8gal.				
PURGE RATE (GPM)	1	1	1				
TEMPERATURE (°C)	69.2	69.9	70.3				
pH	7.28	7.27	7.27				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1528.	1556	1558.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Slightly cloudy - light yellow	V. slightly cloudy/ light yellow	V. slightly cloudy/ V.V light yellow				
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-4-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-4

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1540 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW4-GW-1-70	7	VOA's, Amber liters, Plastic	HCL + HNO3	NO	3370 ml	N.A.	N.V. light Yellow	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 8 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-1, 5 + 6.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly cloudy (Well in patio in N.E corner of bld. #2)

TEMPERATURE (SPECIFY °C OR °F): 50 °F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

BOE-C6-0045369

KENNEDY/JEN :ONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☐ 530 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
☐ 6190 Neil Road, #300, Reno, NV
☐ 3336 Bradshaw Rd., #140, Sacram CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-4-99
Source of Samples Boeing C-6
Sampler Name Shane Scrimshire
Phone 949-261-1577
Project No. 994001.00

Report To Rus Purcell
Company Kennedy / Jenks
Address 2151 Michelson Dr. #100
Irvin CA. 92612
Phone 949-261-1577

Lab Destination
Address
Phone
Carrier/Way Bill No.

(5) ANALYSES REQUESTED

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	8260 - VOC's	8015 m - GRO	8015 m - diesel	6010 - T-22 metals	7196 - Chromium	7471 - Mercury	8080 - Pesticides	8270 - SVOC's	Comment/Conditions (Container type, container number, etc.)
	~~SS~~ ~~IMW~~ WCC55-GW-1-70	3/4/99	0915	W	70'			Norm	X	X	X	X	X	X	X	X	
	WCC75-GW-1-70		1015						X	X	X	X	X	X	X	X	
	WCC45-GW-1-70		1125						X	X	X	X	X	X	X	X	
	WCC115-GW-1-70		1235						X	X	X	X	X	X	X	X	
	TMW95-GW-1-70		1418						X	X	X	X	X	X	X	X	
	TMW65-GW-1-70		1540						X	X	X	X	X	X	X	X	
	TMW55-GW-1-70		1710						X	X	X	X	X	X	X	X	
	TMW45-GW-1-70		1840						X	X	X	X	X	X	X	X	
	Travel Blank-3		—		—				X	~~X~~	~~X~~						

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/5/99	1000

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
Isaac Navarro	[signature]	DIA	3/5/99	10:15

\MISC\CUSTODY2.FRM

000065.06

BOE-C6-0045370

Daily Inspection Report No. _____ **Kennedy/Jenks/Chilton**

Contractor —

Supt. on Job Shane Scrimshire

Sheet 1 of 2

Weather Partly Cloudy

Date 3-5-99

Temperature 60 °F Max 50 °F Min

Project Boeing C-6

Work Hours 0700 to 3100 Memos Issued

Photos Several photos of TMW-3 wellhead.

K/J/C Job No. 994001.00

Special Conditions, Delays, Changes —

Accidents Damage —

Sampling, Testing Purged + sampled wells TMW-1, TMW-7, TMW-8, TMW-3 + WCC-3D.

Visitors to Site —

Work Report (Work done, Personnel/Equipment working)

0700 Arrived on site. Began calibrating instruments.
Hydac calibrated with: Potassium Chloride (E.C.)
pH 7 + pH 10 buffer solution.
Hydac pH, cond. temp meter.

Solution	Original Reading	Corrected to
pH 7	7.01	N.A.
pH 10	9.99	N.A.
1413 umhos/cm	1390	1412 - 1413

Environmental Instruments PID
Gas - 100 ppm Isobutelyne

Original Reading	Corrected to
98 ppm - 101 ppm	N.A.

0800 Steamcleaner is tripping the circuit breaker on the generator. Suspect that electrical cord is faulty. Left site to buy new cord.
0915 Replaced cord, also re-adjusted pressure relief valves to prevent overloading of pump motor. Cleaner is workin

Distribution: Inspection File (orig)
Field File

By [signature]

Daily Inspection Report

Kennedy/Jenks Consultants

200 New Stine Road, Suite 115
Bakersfield, California 93309
805-835-9785
FAX 805-831-5196

Job Title Boeing C-6 Job No. 994001.00

Date 3-5-99 Sheet 2 of 2

1000 Began setting up to purge wells.
Still using a Boeing electric cart + trailer to carry purge drum + equipment.

1340 RJS arrival at site.
1420 RJS left.
2015 Collected duplicate sample from WCC-3D.
Collected sample by alternating ~~dup~~ sample + dup. bottles + filling simultaneously.

2030 Began pulling equipment + prepping to leave site.
- Replaced last set of spare bushings in pump when pump stalled at about 60 gallons purged.

2100 left decon trailer at WCC-3D + left site.

Inspector

F-4

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-1

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.52 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1041 PURGE DEPTH (FT) 70'

TIME END PURGE: 1054

TIME SAMPLED: 1105

COMMENTS: wellhead gas - 24 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 7.5 CASING VOLUME (GAL)
	80.10		64.52		15.58		0.16	0.64	1.44		2.5

TIME	1044	1048	1052	1054			
VOLUME PURGED (GAL)	2gal.	5gal.	8 gal.	10gal.			
PURGE RATE (GPM)	.75	.75	.75	.75			
TEMPERATURE (°C)	70.3	71.5	71.7	72.1			
pH	7.30	7.13	7.10	7.13			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2900.	3360.	3570.	3640.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Yellow, cloudy	Yellow, cloudy	light yellow, slightly cloudy →				
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'	70'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-1

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1105 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW1-GW-1-70	7	VOA's, liter Ambers, Plastic	HCL + HNO3	NO	3370mL	N.A.	light Yellow	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 10 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-4, 5 + 6.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly Cloudy (well inside field #1)

TEMPERATURE (SPECIFY °C OR °F): 60°F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-7

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.91 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1151 PURGE DEPTH (FT) 70

TIME END PURGE: 1202

TIME SAMPLED: 1210

COMMENTS: wellhead gas - 28 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 8.34 CASING VOLUME (GAL)
	82.30		64.91		17.39		0.16	0.64	1.44		2.78

TIME	1154	1157	1202				
VOLUME PURGED (GAL)	2gal.	6gal.	10gal.				
PURGE RATE (GPM)	1	1	1				
TEMPERATURE (°C)	71.6	73.2	74.1				
pH	7.36	7.28	7.26				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1578.	1596.	1590.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	light yellow, cloudy	V. light Yellow	V.V. light Yellow				
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-7

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1210 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW-7-GW-1-70	7	VOA's, Ambers liters + Plastic	HCL + HNO3	NO	3370 ml	N.A.	V.V. light yellow	YES	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 10 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-3 + TMW-8.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 55°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-8

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.69 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Red. - Flow 2

TIME START PURGE: 1328 PURGE DEPTH (FT) 70'

TIME END PURGE: 1338

TIME SAMPLED: 1345

COMMENTS: Wellhead gas - 23ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3=7.2 CASING VOLUME (GAL)
	79.70		64.69		15.01		0.16	0.64	1.44		2.4

TIME	1331	1334	1338				
VOLUME PURGED (GAL)	2gal.	5gal.	10 gal.				
PURGE RATE (GPM)	1	1	1				
TEMPERATURE (°C)	73.3	73.9	73.5				
pH	6.99	6.93	6.87				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1391.	1371.	1369.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	v. light Yellow	v. light Yellow	v. light Yellow				
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-8

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1345 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW8-GW-1-70	7	VOA's, liter Ambers + Plastics	HCL + HNO3	NO	3370mL	NA.	N. light Yellow	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 10 gal. COMMENTS:

DISPOSAL METHOD: Drum storage.

DRUM DESIGNATION(S)/VOLUME PER (GAL): Drum shared with TMW-7 + TMW-3

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 60 °F ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-3

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.92 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi-Flow 2 pump

TIME START PURGE: 1509 PURGE DEPTH (FT) 70'

TIME END PURGE: 1519

TIME SAMPLED: 1530

COMMENTS: wellhead gas - 266 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3 = 8.22 CASING VOLUME (GAL)
	82.10		64.92		17.18		0.16	0.64	1.44		2.74

TIME	1511	1516	1519				
VOLUME PURGED (GAL)	2gal.	6gal.	9gal.				
PURGE RATE (GPM)	1	1	1				
TEMPERATURE (°C)	69.2	70.6	71.5				
pH	7.33	7.25	7.23				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1536.	1455.	1454.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	v. slightly Yellow, cloudy	v.v. slightly Yellow, cloudy	v.v. slightly Yellow, cloudy				
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	70'	70	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-3

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1530 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW3-GW-1-70	7	VOA's, Amber liters, Plastic	HCL + HNO3	NO	3370 mL	N.A.	V.V. light Yellow	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 9 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Shared with TMW-7 + TMW-8.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly Cloudy, Breezy

TEMPERATURE (SPECIFY °C OR °F): 55°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-3D

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.47 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Elec. Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1750 PURGE DEPTH (FT) 80'

TIME END PURGE: 1956

TIME SAMPLED: 2015

COMMENTS: Wellhead gas - 118ppm. 1830 - Pump stalled, pulled + replaced worn bushings. 1903 - Resumed purge.
Duplicate sample collected at this well.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	X 3 = 144 CASING VOLUME (GAL)
	139.45		64.47		74.98		0.16	0.64	1.44		48

TIME	1753	1826	1928	1943	1956		
VOLUME PURGED (GAL)	5gal.	60 gal.	100gal.	125gal.	145gal.		
PURGE RATE (GPM)	1.2	1.2	1.2	1.2	1.2		
TEMPERATURE (°C)	70.6	68.8	68.9	68.6	69.3		
pH	7.65	7.64	7.72	7.69	7.67		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	672.	656.	676.	674.	680.		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	80'	80'	80'	80'	80'		
DEPTH TO WATER DURING PURGE (FT)	76.50	79.5'	79.5'	79.5'	79.5'		
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-5-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-3D

PROJECT NUMBER: 994001.00 PERSONNEL:

SAMPLE DATA:

TIME SAMPLED: 2015 COMMENTS: Field Blank-1 collected @ ~~2030~~ 1430 - 3/6/99 from steamcleaner supply tank.

DEPTH SAMPLED (FT): 80'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC3D-GW-1-80	7	3 VOAs, 1 liter, 1 plastic	HCL, HNO3	NO	3370 mL	N/A	Clear	Yes	see COC	
WCC3D-GW-1-80-D	7	"	"	"	3370	"	"	"	"	
Field Blank-1	7	"	HCL	"	120 mL	"	"	"	"	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 145 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 3 drums, labelled + dated

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES (NO)

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS: Locking cap broken, not watertight.

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 55°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? Pump stalled, pulled + repaired.

cc: Project Manager: Russ Purcell.
Job File:
Other:

F-43.2 (5-89)

KENNEDY/JEN CONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

- ☐ 200 New Stine Rd., #116, Bakersfield, CA 93309
- ☐ 530 South 336th St., Federal Way, WA 98003
- ☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
- ☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
- ☐ 5190 Neil Road, #300, Reno, NV
- ☐ 3336 Bradshaw Rd., #140, Sacran. CA 95827
- ☐ 303 Second St., San Francisco, CA 94107
- ☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-5-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 994001.00

Report To Rus Purcell

Company Kennedy/Jenks

Address 2151 Michelson Dr. #100

Irvine CA. 92612

Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 - VOCs	8270 - SVOCs	8015m - gas	8015m - diesel	6010 - T.R. metals	7196 - Chromium	7471 - Mercury	8080 - Pesticides	Comment/Conditions (Container type, container number, etc.)
	TMW1-GW-1-70	3/5/99	1105	W					X	X	X	X	X	X	X	X	
	TMW7-GW-1-70	"	1210	"					X	X	X	X	X	X	X	X	
	TMW8-GW-1-70	"	1345	"					X	X	X	X	X	X	X	X	
	TMW3-GW-1-70	"	1530	"					X	X	X	X	X	X	X	X	
	WCC3D-GW-1-80	"	2015	"					X	X	X	X	X	X	X	X	
	WCC3D-GW-1-80-D	"	2015	"					X	X	X	X	X	X	X	X	
	Trip Blank-4	"	—	"					X								

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/6/99	1430

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
MARK NOORANI	[signature]	OCA	3/6/99	14:40

\MISC\CUSTODY2.FRM

000065.06

BOE-C6-0045383

Daily Inspection Report No. _____ **Kennedy/Jenks/Chilton**

Contractor —

Supt. on Job Shane Scrimshire

Sheet 1 of 3

Weather Partly Cloudy

Date 3-6-99

Temperature 60 °F Max 50 °F Min

Project Boeing C-6

Work Hours 0630 to 1300 Memos Issued

Photos —

K/J/C Job No. 994001.00

Special Conditions, Delays, Changes —

Accidents Damage —

Sampling, Testing Sampled wells WCC-3S, WCC-6S, TMW-2 + TMW-16

Visitors to Site —

Work Report (Work done, Personnel/Equipment working)

0630 Arrived at site. Began calibrating instruments.

- Hydac calibrated

Solution	Original Reading	Corrected to
pH 7 buffer	7.01	N.A.
pH 10 buffer	10.00	N.A.
1413 umhos/cm Potassium chloride	1413	N.A.

- Environmental Instruments PID

Gas	Original Reading	Corrected to
100 ppm Isobutelyne	99.8	N.A.

0715 Began purgeing WCC-3S. There is a very strong VOC odor in water. Water is clear.
PID reading 740 ppm.

0745 Collected sample WCC3S-GW-1-71.

0822 Began purgeing WCC-6S. Well has been raised ~ 1.5-2.0' + recompleted.

Distribution: Inspection File (orig)
Field File

By [signature]

Daily Inspection Report **Kennedy/Jenks Consultants**

200 New Stine Road, Suite 115
Bakersfield, California 93309
805-835-9785
FAX 805-831-5196

Job Title Boeing C-6 Job No. 994001.00

Date 3-6-99 Sheet 3 of 3

0855 Collected sample # WC65-GW-1-70.
Detected a slight sour odor at end of purge.

0930 Loaded equipment onto the electric cart.

0957 Began purgeing TMW-2. Wellhead gas - 878 ppm.
1020 Collected sample TMW2-GW-1-70.

1050 Equipment was deconned for the last time after use in TMW-2.
Left equipment in decon trough, set a bottle of D.I. water on high side of trough and opened lid slightly so water would run over + through pump + equipment. Rinsate will be collected in same bottles as well water.
1115 Collected Rinsate Blank-1.

1150 Began bailing TMW-16 with a 1.66" x 5' bailer (stainless). Tight obstruction at 65-66' would not allow bailer to pass.
1240 Collected sample # TMW16-GW-1-66 with a new disposible bailer.

1250 Unloaded all drums from trailer. All drums have been marked with a paint pencil, marked with well # + date.

Note: Did not get enough bottles from lab to collect a Field Blank (sample of decon water source). Will collect sample from decon supply tank at lab.
1300 Left site.

Inspector

F-4
Rev 11/91

Daily Inspection Report

Kennedy/Jenks Consultants

200 New Stine Road, Suite 115
Bakersfield, California 93309
805-835-9785
FAX 805-831-5196

Job Title Boeing C-6 Job No. 994001.00

Date 3-6-99 Sheet 3 of 3

1420 Arrived at Orange Coast analytical
Mark gave me a set of bottles for Field Blank.
Installed a new piece of hose on decon tank outlet
+ began filling bottles.

1430 Finished collecting sample ± Field Blank-1 + relinquished
to Mark Noorenz of Orange Coast.

1500 Left lab.

Inspector

F-4
Rev 11/91

Groundwater Purge and Sample Form Date: 3-3-99 + 3-6-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: THW-16

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Sunshine

STATIC WATER LEVEL (FT): 62.98 MEASURING POINT DESCRIPTION:

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Stainless 1.66" x 5' bailer.

TIME START PURGE: 1150 PURGE DEPTH (FT) 65 - 66'

TIME END PURGE: 1229

TIME SAMPLED: 1240

COMMENTS: well immediatly dewatered + silted pump. Pulled pump. Will bail well on 3-6-99.

3-6-99 - Began bailing @ 1150. wellhead gas - 25 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 6 CASING VOLUME (GAL)
	75.46		62.98		12.48		0.16	0.64	1.44		2.00

TIME	1152	1208	1229				
VOLUME PURGED (GAL)	.5 gal.	3 gal.	6 gal.				
PURGE RATE (GPM)	N/A	N/A	N/A				
TEMPERATURE (°C)	69.4	68.00	68.9				
pH	7.70	7.41	7.47				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1807.	1990.	2120.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Olive Brown	Olive Brown				
ODOR	NO	NO	NO				
DEPTH OF PURGE INTAKE (FT)	65'	66'	66'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-6-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-16

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1240 COMMENTS: obstruction in well would not allow well to be pumped.

DEPTH SAMPLED (FT): 66'

SAMPLING EQUIPMENT: Disposable Bailer

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW16-GW-1-66	7	VOAs, liters, plastic	HCL + HNO3	NO	3370 mL	N.A.	Olive Brown	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 7 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): Water added to development water drum.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: YES (NO)

COMMENTS: Casing bent at about 70' ±

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 60°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? Could not use pump in well.

cc: Project Manager: Rus Purcell
Job File:
Other:

KENNEDY/JEN' 'ONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

- ☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
- ☐ 530 South 336th St., Federal Way, WA 98003
- ☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
- ☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
- ☐ 5190 Neil Road, #300, Reno, NV F
- ☐ 3336 Bradshaw Rd., #140, Sacram CA 95827
- ☐ 303 Second St., San Francisco, CA 94107
- ☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-6-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 994001.00

Report To Rus Purcell

Company Kennedy/Jenks

Address 2151 Michelson Dr #100
Irvine CA. 92612

Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 - VOCs	8270 - SVOCs	8015m - gas	8015m - diesel	6010 - T-22 metals	7196 - Chromium	7471 - Mercury	8081 - Pesticides	Comment/Conditions (Container type, container number, etc.)
	WCC35-GW-1-71	3/6/99	0745	W				Norm.	X	X	X	X	X	X	X	X	
	WCC65-GW-1-70	"	0855	"					X	X	X	X	X	X	X	X	
	TMW2-GW-1-70	"	1020	"					X	X	X	X	X	X	X	X	
	Rinsate Blank-1	"	1115	"					X	X	X	X	X	X	X	X	
	TMW16-GW-1-66	"	1240	"					X	X	X	X	X	X	X	X	
	Field Blank-1	"	1430	"					X	X	X	X	X	X	X	X	

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/S	3/6/99	1435

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
MARK NOORANI	[signature]	OCA	3/6/99	14:45

\MISC\CUSTDDY2.FRM

000065.06

BOE-C6-0045389

Groundwater Purge and Sample Form Date: 3-6-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: ~~9P~~ WCC-3S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.35 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Elec. Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 0718 PURGE DEPTH (FT) 71

TIME END PURGE: 0737

TIME SAMPLED: 0745

COMMENTS: Wellhead gas - 740 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 46.35 CASING VOLUME (GAL)
	88.90		64.35		24.15		0.16	0.64	1.44		15.45

TIME	0720	0725	0732	0737			
VOLUME PURGED (GAL)	5gal.	20gal.	35gal.	47gal.			
PURGE RATE (GPM)	2.5	2.5	2.5	2.5			
TEMPERATURE (°C)	68.8	71.4	71.5	71.1			
pH	6.53	6.56	6.70	6.70			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	3,080.	2,980.	2,210.	2,180.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear			
ODOR	V. strong N.O.C odor →						
DEPTH OF PURGE INTAKE (FT)	71'	71'	71'	71'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-6-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-3S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 0745 COMMENTS: Very strong odor in water.

DEPTH SAMPLED (FT): 71'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC3S-GW-1-71	7	VOA's, liter Ambers, Plastic	HCL + HNO_3	NO	3370mL	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 47 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly Cloudy

TEMPERATURE (SPECIFY °C OR °F): 55°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3-6-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-65

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.80 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Elec. Probe PURGE METHOD: Red. Flow 2

TIME START PURGE: 0822 PURGE DEPTH (FT) 70'

TIME END PURGE: 0842

TIME SAMPLED: 0855

COMMENTS: Wellhead gas - 123 ppm. Note: Area re-paved + new completion installed, casing crooked at top.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x 3 = 47.60 CASING VOLUME (GAL)
	88.55		64.80		23.75		0.16	0.64	1.44		15.20

TIME	0825	0834	0837	0842			
VOLUME PURGED (GAL)	5 gal.	25	35	47 gal.			
PURGE RATE (GPM)	2.5	2.5	2.5	2.5			
TEMPERATURE (°C)	68.4	70.4	70.5	70.6			
pH	7.07	6.87	6.86	6.84			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1688.	1575.	1561.	1550.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	clear	v.v. light yellow	clear	clear			
ODOR	No	No	No	slight sour odor			
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'	70'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-6-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-65

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 0855 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC65-GW-1-70	7	VOAs, liter Amber, Partic	HCL, HNO3	NO	3370 mL	N.A.	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 47 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS: Well was re-completed after area was re-paved. Approx. 1.5' added to casing.

GENERAL:

WEATHER CONDITIONS: Partly cloudy

TEMPERATURE (SPECIFY °C OR °F): 55°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 3-6-95 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-2

PROJECT NUMBER: 94001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 64.42 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Elec. Probe PURGE METHOD: Redi-Flow 2

TIME START PURGE: 0957 PURGE DEPTH (FT) 70'

TIME END PURGE: 1011

TIME SAMPLED: 1020

COMMENTS: wellhead gas - 878 ppm

Collected Rinsate Blank - 1 @ 1115.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	x3= 7.35 CASING VOLUME (GAL)
	79.77		64.42		15.35		0.16	0.64	1.44		2.45

TIME	1000	1005	1011				
VOLUME PURGED (GAL)	2 gal.	6 gal.	8 gal.				
PURGE RATE (GPM)	.60	.60	.60				
TEMPERATURE (°C)	68.1	70.6	71.9				
pH	6.79	6.81	6.79				
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2400.	2400.	2370.				
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	U. light yellow, slightly cloudy	→	→				
ODOR	sour odor	sour odor	sour odor				
DEPTH OF PURGE INTAKE (FT)	70'	70'	70'				
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3-6-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW 2

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1020 COMMENTS: Rinsate Blank-1 collected by pouring D.I. water over + through cleaned equipment + collecting rinsate in bottles.

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW2-GW-1-70	7	VOA's, liter's, Plastic	HCL, HNO3	NO	3370 mL	N.A	light Yellow	YES	see COC	
Rinsate-Blank-1	7	"	"	"	"	"	Clear	"	"	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 8 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Partly cloudy (Well inside Bld. #21)

TEMPERATURE (SPECIFY °C OR (°F)): 60° ±

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell
Job File:
Other:

Daily Inspection Report No._____

Kennedy/Jenks Consultants

3585 Maple Street, Suite 226
Ventura, California 93003
805-658-0607
FAX 805-650-1522

Contractor —

Supt. on Job Jay Knight

Sheet 1 of 2

Weather Overcast + Windy

Date 4-8-99

Temperature 55 °F Max 50 °F Min

Project Boeing C-6

Work Hours 0905 to 1345 Memos Issued

Photos —

K/J Job No. 994001.00

Special Conditions, Delays, Changes Had to stand on drum to access well WCC-10S.

Accidents Damage —

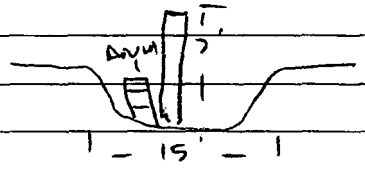
Sampling, Testing Purged + sampled wells WCC-10S + DAC-P1.

Visitors to Site —

Work Report (Work Done, Personnel/Equipment Working)

0905 Arrived at site. Checked in at Integrated trailer.
Note: Raley Const. laborers have dumped purgewater drums WCC-3D + WCC-3S onto ground + are re-using drums.

0950 Arrived at WCC-10S. Standpipe is in the middle of a large hole + is about 6'-7' from ground level to top.



Note: Water levels measured by Jay Knight prior to my arrival.

1010 Began setting up decon + calibration.
- Completely dissassembled pump, replaced teflon bushings + deconed.

1040 Calibrated PID + Hydac pH, cond + temp probe.

pH buffer	7.0,	Original - 6.91	corrected to - 7.0
	10.0	Original - 9.94	corrected to - 10.0

PID calibrated to 100ppm Iso butylene.

Distribution: Inspection File (orig)
Field File

By [signature]

F-3

BOE-C6-0045396

Daily Inspection Report **Kennedy/Jenks Consultants**

200 New Stine Road, Suite 115
Bakersfield, California 93309
805-835-9785
FAX 805-831-5196

Job Title Boeing C-6 Job No. 994001.00

Date 4-8-99 Sheet 2 of 2

1125 Began purgeing well # WCC-105. Purge depth is 80' bgs. Purge rate is approx. 2 gpm.

1150 Finished purge + slowed flowrate to 250mL/min for sample collection.

Note: Don't have enough bottles for Equipment Rinsate or other Q-A. samples.

Will collect duplicate sample in 2 liter ambers + 2-40 mL VOA's.

1200 Collected sample # WCC10-GW-1-80 in 2 liters, 1-8oz plastic + 3-40mL VOA's.

1220 Began setting up to decon.

1240 Set up at DAC-P1.

- DAC-P1 is also in a hole approx 5' deep x 3' accross.

1248 Began purge from 80' ~~bgs~~. (from top of casing)

1313 Finished purge + slowed purgerate to 250mL/min for sample collection.

- Filled Duplicate bottles by alternating between regular sample + Dup bottles until all where filled.

1318 Collected sample # DACP1-GW-1-80 + DACP1-GW-1-80-D.

1325 Pulled pump from well + drove to drum storage area to unload drums. - Drums are marked with paint pencil.

1345 Left site + drove to Orange Coast Analytical.

Inspector

F-4
Rev. 11/91

Groundwater Purge and Sample Form Date: 4-8-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-10S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 70.84 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Sounder PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1125 PURGE DEPTH (FT) 80'

TIME END PURGE: 1150

TIME SAMPLED: 1200

COMMENTS: Measured ~~BTX~~ VOC's with PID - 0.0 ppm.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	X 3 = 50 CASING VOLUME (GAL)
	96.45		70.84		25.61		0.16	0.64	1.44		16.39

TIME	1130	1140	1146	1150			
VOLUME PURGED (GAL)	10 gal.	30 gal.	40 gal.	50 gal.			
PURGE RATE (GPM)	2 gpm	2 gpm	2 gpm	2 gpm			
TEMPERATURE (°C)	70.1	70.3	70.8	71.1			
pH	6.97	7.27	7.29	7.31			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	916.	913.	923.	933			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	80'	80'	80'	80'			
DEPTH TO WATER DURING PURGE (FT)	N.A.	N.A.	N.A.	N.A.			
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample rm Date: 4-8-99 **K edy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: WCC-10S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1200 COMMENTS:

DEPTH SAMPLED (FT): 80'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC10S-GW-1-80	6	liter Ambers, VOA's, 250 ml plastic	HCL	No	2,370 ml	—	Clear	Yes	See COC	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 gal. COMMENTS:

DISPOSAL METHOD: Drum Storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum marked with paint pencil.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS: Wellhead + casing is standing in a 7' deep hole.

GENERAL:

WEATHER CONDITIONS: Overcast + windy

TEMPERATURE (SPECIFY °C OR °F): 50°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rus Purcell
Job File:
Other:

Groundwater Purge and Sample Form Date: 4-8-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: DAC-P1

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 71.72 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Sounder PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1248 PURGE DEPTH (FT) 90'-80'

TIME END PURGE: 1313

TIME SAMPLED: 1318

COMMENTS: Wellhead gas - 0.0 ppm with PID.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	X 3 = 48 CASING VOLUME (GAL)
	96.50		71.72		24.78		0.16	0.64	1.44		15.85

TIME	1255	1305	1309	1313			
VOLUME PURGED (GAL)	10 gal.	30 gal.	40 gal.	50 gal.			
PURGE RATE (GPM)	2.2 gpm	2.2 gpm	2.2 gpm	2.2 gpm			
TEMPERATURE (°C)	70.8	71.8 ~~72~~	72.5	72.1			
pH	7.21	7.22	7.21	7.22			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1673.	1847.	1869	1849.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	90'	90'	80'	80'			
DEPTH TO WATER DURING PURGE (FT)	N.A.	N.A.	N.A.	N.A.			
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 4-8-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: DAC-P1

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1318 COMMENTS:

DEPTH SAMPLED (FT): 80'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
DACP1-GW-1-80	6	liter Amber VOA's + 250 ml plastic	HCL	NO	2,370 mL	—	clear	Yes	See COC	
DACP1-GW-1-80-D	4	liter Amber + VOA's	HCL	NO	2,080 mL	—	clear	Yes	"	No plastic + only 2 VOA's due to shortage

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 gal. COMMENTS:

DISPOSAL METHOD: Drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum marked with paint pencil.

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS: Casing is standing in a 5' hole.

GENERAL:

WEATHER CONDITIONS: overcast + windy.

TEMPERATURE (SPECIFY °C OR °F): 55°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: Rus Purcell.
Job File:
Other:

F-43.2 (5-89)

KENNEDY/JEN :ONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

- ☐ 200 New Stine Rd., #116, Bakersfield, CA 93309
- ☐ 630 South 336th St., Federal Way, WA 98003
- ☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
- ☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
- ☐ 5190 Neil Road, #300, Reno, NV
- ☐ 3336 Bradshaw Rd., #140, Sacram , CA 95827
- ☐ 303 Second St., San Francisco, CA 94107
- ☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 4-8-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 805-835-9785

Project No. 994001.00

Report To Rus Purcell

Company Kennedy / Jenks

Address 2151 Michelson Dr. #100
Irvine CA. 92612

Phone 949-261-1577

Lab Destination Orange Coast

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	SVOCs 8270	VOCs 8260	T-22 metals 6010	Pesticides 8080	8015 m diesel				Comment/Conditions (Container type, container number, etc.)
	WEC105-GW-1-80	4/9/99	1200	W	80'	—		2wk	X	X	X	X	X				
	DACP1-GW-1-80	↓	1318	↓	80'	—		↓	X	X	X	X	X				
	DACP1-GW-1-80-D	↓	1318	↓	80'	—		↓	X	X	X	X	X				
	Travel Blank	↓	—	↓	—	—		↓		X							

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	4/9/99	1510

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
Isaac Navarro	[signature]	DCA	4/9/99	15:40

\MISC\CUSTODY2.FRM

000065.06

BOE-C6-0045402

Daily Inspection Report No. _____ **Kennedy/Jenks/Chilton**

Contractor —

Supt. on Job Shane Scrimshire

Weather Overcast, slight breeze

Temperature 65 °F Max 60 °F Min

Work Hours 1000 to 1340 Memos Issued

Photos —

Special Conditions, Delays, Changes —

Sheet 1 of 1

Date 5-13-99

Project Boeing C-6

K/J/C Job No. 994001.00

Accidents Damage —

Sampling, Testing —

Visitors to Site John Morosco came on site + inquired about drum disposal.

Work Report (Work done, Personnel/Equipment working)

1000 Arrival at Boeing C-6 Facility to develope well # THW-17 installed on 3-10-99.
Re-used drums from previous sampling event for purge.

1040 Began bailing well. Curve in casing at about 50' prevents use of large volume bailer.

1110 Finished removeing sediment from well. Began prepping to surge well.

1130 Resumed purge by bailing sediment + turbid water from well before using a pump to finish development. 15 min surge.

1140 Began setting up to pump well. Total bailed volume - 12 gal.

1150 Began purgeing well with Redi-Flow 2 pump from 72' bgs. First water pumped was light brown + very turbid.

1205 Lowered pump to 80' below top of casing to purge the lower section of screened casing.

1220 Ended purge. Water is very light yellow in color + is lightly turbid. Began pulling equipment to leave site.

1340 Left site. Left purge drum at well with soil cuttings.

Distribution: Inspection File (orig)
Field File

By [signature]

Groundwater Purge and Sample Form Date: 5-13-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: TMW-17

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 68.74 MEASURING POINT DESCRIPTION: North side of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Sounder PURGE METHOD: Bailer + Redi-Flow 2

TIME START PURGE: 1040 PURGE DEPTH (FT) 72' - 82'

TIME END PURGE: 1220

TIME SAMPLED: N.A.

COMMENTS: Curved casing prevents use of 10' S.S. bailer, used 5' bailer.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	82.85 Beg. / 84.65 End		68.74		15.91		0.16	0.64	1.44		2.5

TIME	1055	1140	1153	1158	1205	1210	1220
VOLUME PURGED (GAL)	15 gal.	12 gal.	15 gal.	20 gal.	23 gal.	30 ~~27~~ gal.	55 gal.
PURGE RATE (GPM)	—	—	—	—	—	—	—
TEMPERATURE (°C)	72.2	71.4	71.9	72.6	72.7	73.2	73.5
pH	7.16	7.71	7.55	7.46	7.54	7.47	7.47
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1822.	1572.	1378.	1298	1240.	1213	1170.
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Olive/Brown Very turbid silty sand	Olive Brown	light brown	Very light tan	light tan	Yellow	V.V. light yellow
ODOR	NO	NO	NO	NO	NO	NO	NO
DEPTH OF PURGE INTAKE (FT)	80'	82'	72'	72'	80'	80'	80'
DEPTH TO WATER DURING PURGE (FT)		68.85					69.20
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

T.D. 82.85 84.65

F-43.1 (5-89)

Daily Inspection Report No. _____

Kennedy/Jenks Consultants
3585 Maple Street, Suite 226
Ventura, California 93003
805-658-0607
FAX 805-650-1522

Contractor —

Supt. on Job Shane Scrimshire

Sheet 1 of 1

Weather Overcast, Breezy

Date 5-20-99

Temperature 65 °F Max 60 °F Min

Project Boeing C-6

Work Hours 1300 to 1450 Memos Issued

Photos —

K/J Job No. 994001.00

Special Conditions, Delays, Changes —

Accidents Damage —

Sampling, Testing Purged + sample well TMW-17.

Visitors to Site —

Work Report (Work Done, Personnel/Equipment Working)

1300 Arrived at site. Began setting up to purge + sample well TMW-17.
Note: All equipment deconed + sealed in plastic earlier today to save time.

1315 Measured water level at 68.72 + T.D. at 84.60. Will purge using a Redi-Flow 2 pump + new Food Grade vinyl tubing. Purge water will be collected in a DOT drum.

1340 Began purging well from 75' ~~bgs~~ below T.O.C. First water was tan in color + was very turbid.

1347 Water is still tan in color at 10 gal. purged, will continue purge to see if water will become clear.

1351 Water is very light yellow, ended purge to prevent overpurging. Slowed flowrate to 250 mL/min for sample collection.

1400 Finished filling sample bottles, labeled + put on ice.

1450 Finished pulling equipment from well, left site.

Distribution: Inspection File (orig)
Field File

By [signature]

Groundwater Purge and Sample Form Date: 5-20-99 **Kennedy/Jenks Consultants**

PROJECT NAME: Boeing C-6 WELL NUMBER: THW-17

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

STATIC WATER LEVEL (FT): 68.72 MEASURING POINT DESCRIPTION: Top of Casing, No

WATER LEVEL MEASUREMENT METHOD: Electric sounder PURGE METHOD: Redi-Flow 2

TIME START PURGE: 1337 PURGE DEPTH (FT) 75'

TIME END PURGE: 1351

TIME SAMPLED: 1400

COMMENTS: 1351 - Slowed purgerate to 250ml/min (Approx.) for sample collection

Note: Measured 0ppm VOC with PID when well was first opened.

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	X 3 = 7.6 CASING VOLUME (GAL)
	84.60		68.72		15.88		0.16	0.64	1.44		2.54

TIME	1340	1344	1347	1351			
VOLUME PURGED (GAL)	3gal.	7gal.	10gal.	13gal.			
PURGE RATE (GPM)	1gpm	1gpm	1gpm	1gpm			
TEMPERATURE (°C)	73.5	72.6	72.7	72.4			
pH	6.93	7.49	7.49	7.61			
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1175.	1163.	1160.	1147.			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Tan	light Tan	v. light tan	v. light Yellow			
ODOR	No	No	No	No			
DEPTH OF PURGE INTAKE (FT)	75'	75'	75'	75'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 5-20-99 **Kennedy/Jenks Consultants**

UECT NAME: Boeing C-6 WELL NUMBER: TMW-17

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1400 COMMENTS:

DEPTH SAMPLED (FT): 75'

SAMPLING EQUIPMENT: Redi-Flow 2

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
TMW17-GW-1-75	7	liter Ambers, VOA's, 250 mL plastic	HCL	NO	3460 mL		light Yellow	Yes	See COC	

GE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): Approx 13 gal. COMMENTS:

DISPOSAL METHOD: On site drum storage

DRUM DESIGNATION(S)/VOLUME PER (GAL): 1 drum generated during developement, partial at sampling

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: Overcast, Breezy

TEMPERATURE (SPECIFY °C OR °F): 65°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? No

cc: Project Manager: Rys Purcell
Job File:
Other:

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: Norm.

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy / Jenks	PROJECT NAME: Boeing C-6
SEND REPORT TO: Jay Knight	NUMBER:
ADDRESS: 2151 Michelson Dr. Suite 100	LOCATION: Torrance
Irvine CA 9	ADDRESS:
PHONE: 949-261-1577 FAX:	SAMPLED BY: Shane Springshire

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	8260	8270	8080	8015 Rest.	8015 gas	8015 diesel	CCR Metals			REMARKS/PRECAUTIONS
TMW17-GW-1-75	7	5-20-99	1400	Water		HCL	X	X	X	X	X	X				
Travel Blank	2	"	—	"		"	X									

Total No. of Samples:

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5-20-99 1620		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 5-20-99 1620

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 pick up samples.

BOE-C6-0045408

KENNEDY/JEN[illegible] CONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☐ 530 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
☐ 5190 Neil Road, #300, Reno, NV 89502
☐ 3336 Bradshaw Rd., #140, Sacramer 35827
☐ 303 Second St., San Francisco, CA 94
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-3-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 994001.00

Report To Rus Purcell

Company Kennedy/Jenks

Address 2151 Michelson Dr. # 100
Irvine CA. 92612

Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 - VOCs	8270 - SVOCs	6010 - T-22 Metals	7196 - Chromium	7471 - Mercury	8080 - Pesticides	8015 - Gas + Diesel		Comment/Conditions (Container type, container number, etc.)
	TMW10-GW-1-68	3/3/99	0915	W			HCl	Norm.	X	X	X	X	X	X	X		
	TMW11-GW-1-68	"	1015	"			"	"	X	X	X	X	X	X	X		
	TMW12-GW-1-70	"	1135	"			"	"	X	X	X	X	X	X	X		
	TMW13-GW-1-70	"	1325	"			"	"	X	X	X	X	X	X	X		
	TMW14-GW-1-80	"	1700	"			"	"	X	X	X	X	X	X	X		
	TMW15-GW-1-79	"	1810	"			"	"	X	X	X	X	X	X	X		
	Trip Blank-2	"	—	"			"	"	X								

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/3/99	1020

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
Isaac Navarro	[signature]	OCA	3/4/99	10:30 AM

\\WBC\CUSTODY2.FRM

000066.06

KENNEDY/JE[illegible]S CONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☐ 530 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2181 East Bayshore Rd., #200, Palo Alto, CA 94303
☐ 6190 Neil Road, #300, Reno, NV 8950[illegible]
☐ 3338 Bradshaw Rd., #140, Sacramento [illegible]827
☐ 303 Second St., San Francisco, CA 9410[illegible]
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-2-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 994001.00

Report To Rus Purcell

Company Kennedy / Jenks

Address ~~[illegible]~~ 2151 Michelson Dr #100
Irvine CA. 92612

Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 VOCs	8270 SVOCs	T-22 metals / 6010	Chromium / 7196	7471 / Mercury	8080 / Pesticides	8015/gas + diesel		Comment/Conditions (Container type, container number, etc.)
	WCC9S-GW-1-65	3/2/99	1550	GW	65'	—	HCL	norm.	X	X	X	X	X	X	X		
	WCC12S-GW-1-66	"	1745	"	66'	—	"	"	X	X	X	X	X	X	X		Jay K.
	Trip Blank - 1	"	—	T.P.					X								

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/3/99	1020

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
[signature]	Isaac Navarro	OCA	3/2/99	10:30

\WSC\CUSTODY2.FRM

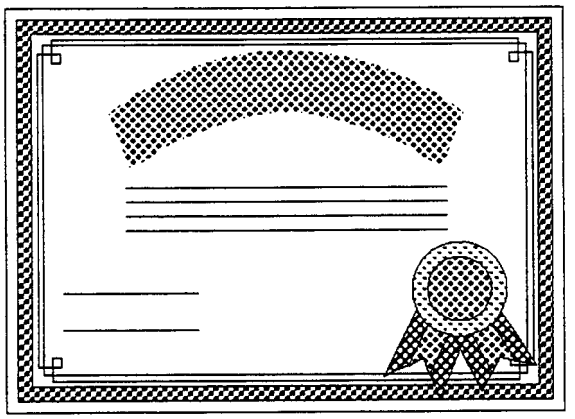
000066.06

03/04/1999 11:39 7148320067 ORANGE COAST ANALYTI

APPENDIX F

LABORATORY REPORTS FROM GROUNDWATER ANALYSES

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: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Kennedy Jenks Consultants

Project No.: Boeing C-6

Project Name: 994001.00

Laboratory Reference: KJC 10770

Analytical Method: 8260, Metals, 8080 Pesticides, 8270, 8015m gas, 8015m diesel

Date Sampled: 03/02/99
Date Received: 03/03/99
Date Reported: 03/08/99

Sample Matrix: Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10770

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/05/99
Reported: 03/08/99

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/l***
99030007	WCC9S-GW-1-65	N.D.
99030008	WCC12S-GW-1-66	N.D.

Detection Limit:	0.5

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10770

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/04/99
Reported: 03/08/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS µg/l***
99030007	WCC9S-GW-1-65	N.D.
99030008	WCC12S-GW-1-66	90
Detection Limit:		50

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/03/99
Reported: 03/08/99

Sample Description: Water, WCC9S-GW-1-65
Laboratory Sample Number: 99030007
Laboratory Reference #: KJC 10770

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	14
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	7.3
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	44
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	2.0
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC9S-GW-1-65
Laboratory Sample Number: 99030007
Laboratory Reference #: KJC 10770

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	86
Toluene-d8	98
4-Bromofluorobenzene	92

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC12S-GW-1-66
Laboratory Sample Number: 99030008
Laboratory Reference #: KJC 10770

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/03/99
Reported: 03/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	1.9
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	19
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	46
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	0.75
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	140
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	2.5
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC12S-GW-1-66
Laboratory Sample Number: 99030008
Laboratory Reference #: KJC 10770

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	90
Toluene-d8	95
4-Bromofluorobenzene	93

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/03/99
Reported: 03/08/99

Sample Description: Water, Trip Blank-1
Laboratory Sample Number: 99030009
Laboratory Reference #: KJC 10770

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, Trip Blank-1
Laboratory Sample Number: 99030009
Laboratory Reference #: KJC 10770

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	94
Toluene-d8	98
4-Bromofluorobenzene	95

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/03/99
Reported: 03/08/99

Sample Description: Water, WCC9S-GW-1-65
Laboratory Sample Number: 99030007
Laboratory Reference #: KJC 10770

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC9S-GW-1-65
Laboratory Sample Number: 99030007
Laboratory Reference #: KJC 10770

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC12S-GW-1-66
Laboratory Sample Number: 99030008
Laboratory Reference #: KJC 10770

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/03/99
Reported: 03/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, WCC12S-GW-1-66
Laboratory Sample Number: 99030008
Laboratory Reference #: KJC 10770

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/03/99-03/05/99
Reported: 03/08/99

Sample Description: Water, WCC9S-GW-1-65
Laboratory Sample Number: 99030007
Laboratory Reference #: KJC 10770

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.20
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.011
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.013

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC12S-GW-1-66
Laboratory Sample Number: 99030008
Laboratory Reference #: KJC 10770

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/03/99-03/05/99
Reported: 03/08/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.11
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.013
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	N.D.

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC12S-GW-1-66
Laboratory Sample Number: 99030008
Laboratory Reference #: KJC 10770

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/04/99
Reported: 03/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC9S-GW-1-65
Laboratory Sample Number: 99030007
Laboratory Reference #: KJC 10770

Sampled: 03/02/99
Received: 03/03/99
Analyzed: 03/04/99
Reported: 03/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/l
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/03/99
Laboratory Sample No : 99030007
Laboratory Reference No : KJC 10770

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	21	95	105	10
1,1-Dichloroethene	7.3	20	28	29	104	109	4
Trichloroethene	44	20	63	66	95	110	5
Toluene	0.0	20	18	20	90	100	11
Chlorobenzene	0.0	20	20	21	100	105	5

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/03/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10770

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	35	36	70	72	3
n-Nitroso-di-n-propylamine	0.0	50	45	46	90	92	2
1,2,4-Trichlorobenzene	0.0	50	38	40	76	80	5
Acenaphthene	0.0	50	52	51	104	102	2
Pyrene	0.0	50	55	54	110	108	2
Pentachlorophenol	0.0	100	97	100	97	100	3
4-Chloro-3-Methylphenol	0.0	100	91	84	91	84	8
2-Chlorophenol	0.0	100	97	91	97	91	6
Phenol	0.0	100	37	33	37	33	11

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Date of Analysis : 03/03/99-03/05/99
Laboratory Sample No : 99030007, OCA100
Laboratory Reference No : KJC 10770

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	1.00	0.98	1.06	98	106	8
Arsenic	0.00	1.00	1.05	1.07	105	107	2
Barium	0.20	0.10	0.306	0.310	106	110	1
Beryllium	0.00	0.10	0.110	0.111	110	111	1
Cadmium	0.00	0.10	0.110	0.109	110	109	1
Chromium (Total)	0.011	0.10	0.119	0.121	108	110	2
Chromium (VI)	0.00	0.50	0.51	0.52	102	104	2
Cobalt	0.00	0.10	0.095	0.097	95	97	2
Copper	0.00	0.10	0.112	0.113	112	113	1
Lead	0.00	1.00	1.00	1.02	100	102	2
Mercury	0.000	0.010	0.010	0.010	100	100	0
Molybdenum	0.00	1.00	1.04	1.07	104	107	3
Nickel	0.00	0.50	0.536	0.547	107	109	2
Selenium	0.00	1.00	1.02	1.07	102	107	5
Silver	0.00	0.50	0.492	0.502	98	100	2
Thallium	0.00	1.00	0.987	0.976	99	98	1
Vanadium	0.00	0.50	0.550	0.560	110	112	2
Zinc	0.013	0.10	0.115	0.116	102	103	1

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis :3/4/99
Laboratory Sample No :OCA 100
Laboratory Reference No : KJC 10770

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.70	0.80	70	80	13

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 03/04/99
Laboratory Sample No : 99030026
Laboratory Reference No : KJC 10770

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	250	258	241	103	96	7

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 03/05/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10770

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.3	3.6	66	72	9

Definition of Terms :

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

Orange Coast Analytical, Inc.

ORANGE COAST ANALYTI

KENNEDY/JENKS CONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☐ 530 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2181 East Bayshore Rd., #200, Palo Alto, CA 94303
☐ 5190 Neil Road, #300, Reno, NV 89502
☐ 3338 Bradshaw Rd., #140, Sacramento, CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-2-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 994001.00

Report To Rus Purcell

Company Kennedy / Jenks

Address 2151 Michelson Dr #100
Irvine CA. 92612

Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 VOCs	8270 SVOCs	T-22 metals / 6010	Chromium / 7196	7471 / Mercury	8080 / Pesticides	8015/gas + diesel	Comment/Conditions (Container type, container number, etc.)
	WCC95-GW-1-65	3/2/99	1550	GW	65'	—	HCL	norm.	X	X	X	X	X	X	X	
	WCC125-GW-1-66	"	1745	"	66'	—	"	"	X	X	X	X	X	X	X	
	Trip Blank - 1	"	—	T.P.					X							

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/3/99	1020

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
[signature]	Isaac Navarro	OCA	3/3/99	10:30

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

MAR

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Kennedy Jenks Consultants

Project No.: Boeing C-6

Project Name: 994001.00

Laboratory Reference: KJC 10774

Analytical Method: 8260, Metals, 8080 Pesticides, 8270, 8015m gas, 8015m diesel

Date Sampled: 03/03/99
Date Received: 03/04/99
Date Reported: 03/08/99

Sample Matrix: Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/l***
99030028	TMW10-GW-1-68	N.D.
99030029	TMW11-GW-1-68	N.D.
99030030	TMW12-GW-1-70	N.D.
99030031	TWM13-GW-1-70	N.D.
99030032	TMW14-GW-1-80	N.D.
99030033	TMW15-GW-1-79	N.D.

Detection Limit:	0.5

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99
Reported: 03/08/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS µg/l***
99030028	TMW10-GW-1-68	N.D.
99030029	TMW11-GW-1-68	61
99030030	TMW12-GW-1-70	300
99030031	TWM13-GW-1-70	71
99030032	TMW14-GW-1-80	N.D.
99030033	TMW15-GW-1-79	N.D.
Detection Limit:		50

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW10-GW-1-68
Laboratory Sample Number: 99030028
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	4.2
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	0.94
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	3.8
Trichlorofluoromethane	75-69-4	0.5	0.51
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	0.74
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW10-GW-1-68
Laboratory Sample Number: 99030028
Laboratory Reference #: KJC 10774

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	92
Toluene-d8	94
4-Bromofluorobenzene	95

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW11-GW-1-68
Laboratory Sample Number: 99030029
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	1.25	N.D.
Bromodichloromethane	75-27-4	1.25	N.D.
Bromoform	75-25-2	1.25	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	1.25	N.D.
Carbon tetrachloride	56-23-5	1.25	1.7
Chlorobenzene	108-90-7	1.25	N.D.
Chlorodibromomethane	124-48-1	1.25	N.D.
Chloroethane	75-00-3	1.25	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.25	N.D.
Chloroform	67-66-3	1.25	430
Chloromethane	74-87-3	1.25	N.D.
1,1-Dichloroethane	75-34-3	1.25	N.D.
1,2-Dichloroethane	107-06-2	1.25	N.D.
1,1-Dichloroethene	75-35-4	1.25	N.D.
Trans 1,2-Dichloroethene	156-60-5	1.25	N.D.
1,2-Dichloropropane	78-87-5	1.25	N.D.
cis-1,3-Dichloropropene	10061-01-5	1.25	N.D.
trans-1,3-Dichloropropene	10061-02-6	1.25	N.D.
Ethylbenzene	100-41-4	1.25	N.D.
Methylene chloride	75-09-2	6.25	N.D.
Styrene	100-42-5	1.25	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	1.25	N.D.
Tetrachloroethene	127-18-4	1.25	1.9
Toluene	108-88-3	1.25	N.D.
1,1,1-Trichloroethane	71-55-6	1.25	N.D.
1,1,2-Trichloroethane	79-00-5	1.25	N.D.
Trichloroethene	79-01-6	1.25	21
Trichlorofluoromethane	75-69-4	1.25	N.D.
Vinyl acetate	108-05-4	2.5	N.D.
Vinyl chloride	75-01-4	1.25	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorodifluoromethane	75-71-8	1.25	N.D.
cis-1-2,-Dichloroethene	156-59-2	1.25	N.D.
2,2-Dichloropropane	594-20-7	1.25	N.D.
Bromochloromethane	74-97-5	1.25	N.D.
1,1-Dichloropropene	563-58-6	1.25	N.D.
Dibromomethane	74-95-3	1.25	N.D.
1,2-Dibromoethane	106-93-4	1.25	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW11-GW-1-68
Laboratory Sample Number: 99030029
Laboratory Reference #: KJC 10774

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	1.25	N.D.
Isopropylbenzene	98-82-8	1.25	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	1.25	N.D.
1,2,3-Trichloropropane	96-18-4	1.25	N.D.
Bromobenzene	108-86-1	1.25	N.D.
n-Propylbenzene	103-65-1	1.25	N.D.
2-Chlorotoluene	95-49-8	1.25	N.D.
1,3,5-Trimethylbenzene	108-67-8	1.25	N.D.
4-Chlorotoluene	106-43-4	1.25	N.D.
tert-Butylbenzene	98-06-6	1.25	N.D.
1,2,4-Trimethylbenzene	95-63-6	1.25	N.D.
sec-Butylbenzene	135-98-8	1.25	N.D.
4-Isopropyltoluene	99-87-6	1.25	N.D.
1,3-Dichlorobenzene	541-73-1	1.25	N.D.
1,4-Dichlorobenzene	106-46-7	1.25	N.D.
n-Butylbenzene	104-51-8	1.25	N.D.
1,2-Dichlorobenzene	95-50-1	1.25	N.D.
1-2-Dibromo-3-CPA	96-12-8	2.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	1.25	N.D.
Hexachlorobutadiene	87-68-3	1.25	N.D.
Naphthalene	91-20-3	1.25	N.D.
1,2,3-Trichlorobenzene	87-61-6	1.25	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	94
4-Bromofluorobenzene	97

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW12-GW-1-70
Laboratory Sample Number: 99030030
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	10	N.D.
Bromodichloromethane	75-27-4	10	N.D.
Bromoform	75-25-2	10	N.D.
Bromomethane	74-83-9	20	N.D.
Carbon Disulfide	75-15-0	10	N.D.
Carbon tetrachloride	56-23-5	10	N.D.
Chlorobenzene	108-90-7	10	N.D.
Chlorodibromomethane	124-48-1	10	N.D.
Chloroethane	75-00-3	10	N.D.
2-Chloroethyl vinyl ether	110-75-8	10	N.D.
Chloroform	67-66-3	10	3,100
Chloromethane	74-87-3	10	N.D.
1,1-Dichloroethane	75-34-3	10	N.D.
1,2-Dichloroethane	107-06-2	10	N.D.
1,1-Dichloroethene	75-35-4	10	N.D.
Trans 1,2-Dichloroethene	156-60-5	10	N.D.
1,2-Dichloropropane	78-87-5	10	N.D.
cis-1,3-Dichloropropene	10061-01-5	10	N.D.
trans-1,3-Dichloropropene	10061-02-6	10	N.D.
Ethylbenzene	100-41-4	10	N.D.
Methylene chloride	75-09-2	50	N.D.
Styrene	100-42-5	10	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	10	N.D.
Tetrachloroethene	127-18-4	10	15
Toluene	108-88-3	10	N.D.
1,1,1-Trichloroethane	71-55-6	10	N.D.
1,1,2-Trichloroethane	79-00-5	10	N.D.
Trichloroethene	79-01-6	10	700
Trichlorofluoromethane	75-69-4	10	N.D.
Vinyl acetate	108-05-4	20	N.D.
Vinyl chloride	75-01-4	10	N.D.
Total Xylenes	1330-20-7	20	N.D.
Dichlorodifluoromethane	75-71-8	10	N.D.
cis-1-2,-Dichloroethene	156-59-2	10	N.D.
2,2-Dichloropropane	594-20-7	10	N.D.
Bromochloromethane	74-97-5	10	N.D.
1,1-Dichloropropene	563-58-6	10	N.D.
Dibromomethane	74-95-3	10	N.D.
1,2-Dibromoethane	106-93-4	10	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW12-GW-1-70
Laboratory Sample Number: 99030030
Laboratory Reference #: KJC 10774

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	10	N.D.
Isopropylbenzene	98-82-8	10	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	10	N.D.
1,2,3-Trichloropropane	96-18-4	10	N.D.
Bromobenzene	108-86-1	10	N.D.
n-Propylbenzene	103-65-1	10	N.D.
2-Chlorotoluene	95-49-8	10	N.D.
1,3,5-Trimethylbenzene	108-67-8	10	N.D.
4-Chlorotoluene	106-43-4	10	N.D.
tert-Butylbenzene	98-06-6	10	N.D.
1,2,4-Trimethylbenzene	95-63-6	10	N.D.
sec-Butylbenzene	135-98-8	10	N.D.
4-Isopropyltoluene	99-87-6	10	N.D.
1,3-Dichlorobenzene	541-73-1	10	N.D.
1,4-Dichlorobenzene	106-46-7	10	N.D.
n-Butylbenzene	104-51-8	10	N.D.
1,2-Dichlorobenzene	95-50-1	10	N.D.
1-2-Dibromo-3-CPA	96-12-8	20	N.D.
1,2,4-Trichlorobenzene	120-82-1	10	N.D.
Hexachlorobutadiene	87-68-3	10	N.D.
Naphthalene	91-20-3	10	N.D.
1,2,3-Trichlorobenzene	87-61-6	10	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	94
4-Bromofluorobenzene	94

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

Sample Description: Water, TMW13-GW-1-70
Laboratory Sample Number: 99030031
Laboratory Reference #: KJC 10774

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	4.6
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	31
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	5.8
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	120
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW13-GW-1-70
Laboratory Sample Number: 99030031
Laboratory Reference #: KJC 10774

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	96
Toluene-d8	94
4-Bromofluorobenzene	96

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW14-GW-1-80
Laboratory Sample Number: 99030032
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	3.8
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	4.6
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	2.5
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	15
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW14-GW-1-80
Laboratory Sample Number: 99030032
Laboratory Reference #: KJC 10774

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	94
Toluene-d8	94
4-Bromofluorobenzene	95

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW15-GW-1-79
Laboratory Sample Number: 99030033
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	1.3
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	0.69
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	12
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	0.96
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	40
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW15-GW-1-79
Laboratory Sample Number: 99030033
Laboratory Reference #: KJC 10774

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	98
Toluene-d8	94
4-Bromofluorobenzene	96

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Trip Blank-2
Laboratory Sample Number: 99030034
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, Trip Blank-2
Laboratory Sample Number: 99030034
Laboratory Reference #: KJC 10774

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	96
Toluene-d8	95
4-Bromofluorobenzene	95

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99
Reported: 03/08/99

Sample Description: Water, TMW10-GW-1-68
Laboratory Sample Number: 99030028
Laboratory Reference #: KJC 10774

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW10-GW-1-68
Laboratory Sample Number: 99030028
Laboratory Reference #: KJC 10774

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99
Reported: 03/08/99

Sample Description: Water, TMW11-GW-1-68
Laboratory Sample Number: 99030029
Laboratory Reference #: KJC 10774

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW11-GW-1-68
Laboratory Sample Number: 99030029
Laboratory Reference #: KJC 10774

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99
Reported: 03/08/99

Sample Description: Water, TMW12-GW-1-70
Laboratory Sample Number: 99030030
Laboratory Reference #: KJC 10774

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW12-GW-1-70
Laboratory Sample Number: 99030030
Laboratory Reference #: KJC 10774

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW13-GW-1-70
Laboratory Sample Number: 99030031
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99
Reported: 03/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW13-GW-1-70
Laboratory Sample Number: 99030031
Laboratory Reference #: KJC 10774

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99
Reported: 03/08/99

Sample Description: Water, TMW14-GW-1-80
Laboratory Sample Number: 99030032
Laboratory Reference #: KJC 10774

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW14-GW-1-80
Laboratory Sample Number: 99030032
Laboratory Reference #: KJC 10774

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99
Reported: 03/08/99

Sample Description: Water, TMW15-GW-1-79
Laboratory Sample Number: 99030033
Laboratory Reference #: KJC 10774

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g;h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	5.5
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl.phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW15-GW-1-79
Laboratory Sample Number: 99030033
Laboratory Reference #: KJC 10774

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW10-GW-1-68
Laboratory Sample Number: 99030028
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99-03/05/99
Reported: 03/08/99

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.12
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.018
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.014

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW11-GW-1-68
Laboratory Sample Number: 99030029
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99-03/05/99
Reported: 03/08/99

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.40
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.012
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.028

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW12-GW-1-70
Laboratory Sample Number: 99030030
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99-03/05/99
Reported: 03/08/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.32
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.029

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW13-GW-1-70
Laboratory Sample Number: 99030031
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99-03/05/99
Reported: 03/08/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.14
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.028

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW14-GW-1-80
Laboratory Sample Number: 99030032
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99-03/05/99
Reported: 03/08/99

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.18
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.01
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.020

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/04/99-03/05/99
Reported: 03/08/99

Sample Description: Water, TMW15-GW-1-79
Laboratory Sample Number: 99030033
Laboratory Reference #: KJC 10774

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.12
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.019
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	0.012
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	0.011
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	0.023
Zinc	6010	0.01	0.058

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW10-GW-1-68
Laboratory Sample Number: 99030028
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW11-GW-1-68
Laboratory Sample Number: 99030029
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/l
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW12-GW-1-70
Laboratory Sample Number: 99030030
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW13-GW-1-70
Laboratory Sample Number: 99030031
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW14-GW-1-80
Laboratory Sample Number: 99030032
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/l
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW15-GW-1-79
Laboratory Sample Number: 99030033
Laboratory Reference #: KJC 10774

Sampled: 03/03/99
Received: 03/04/99
Analyzed: 03/05/99
Reported: 03/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/05/99
Laboratory Sample No :99030032
Laboratory Reference No : KJC 10774

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	18	19	90	95	5
1,1-Dichloroethene	0.0	20	18	19	90	95	5
Trichloroethene	15	20	34	32	95	85	6
Toluene	0.0	20	18	19	90	95	5
Chlorobenzene	0.0	20	18	19	90	95	5

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/04/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10774

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	37	32	74	64	14
n-Nitroso-di-n-propylamine	0.0	50	45	42	90	84	7
1,2,4-Trichlorobenzene	0.0	50	42	35	84	70	18
Acenaphthene	0.0	50	48	45	96	90	6
Pyrene	0.0	50	49	46	98	92	6
Pentachlorophenol	0.0	100	85	85	85	85	0
4-Chloro-3-Methylphenol	0.0	100	81	78	81	78	4
2-Chlorophenol	0.0	100	85	81	85	81	5
Phenol	0.0	100	35	35	35	35	0

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Date of Analysis : 03/04/99-03/05/99
Laboratory Sample No : 99030007, OCA100
Laboratory Reference No : KJC 10774

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	1.00	0.98	1.06	98	106	8
Arsenic	0.00	1.00	1.05	1.07	105	107	2
Barium	0.20	0.10	0.306	0.310	106	110	1
Beryllium	0.00	0.10	0.110	0.111	110	111	1
Cadmium	0.00	0.10	0.110	0.109	110	109	1
Chromium (Total)	0.011	0.10	0.119	0.121	108	110	2
Chromium (VI)	0.00	0.50	0.52	0.52	104	104	0
Cobalt	0.00	0.10	0.095	0.097	95	97	2
Copper	0.00	0.10	0.112	0.113	112	113	1
Lead	0.00	1.00	1.00	1.02	100	102	2
Mercury	0.000	0.010	0.010	0.010	100	100	0
Molybdenum	0.00	1.00	1.04	1.07	104	107	3
Nickel	0.00	0.50	0.536	0.547	107	109	2
Selenium	0.00	1.00	1.02	1.07	102	107	5
Silver	0.00	0.50	0.492	0.502	98	100	2
Thallium	0.00	1.00	0.987	0.976	99	98	1
Vanadium	0.00	0.50	0.550	0.560	110	112	2
Zinc	0.013	0.10	0.115	0.116	102	103	1

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 03/05/99
Laboratory Sample No : OCA100
Laboratory Reference No : KJC 10774

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.88	0.81	88	81	8

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 03/05/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10774

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.3	3.6	66	72	9

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 03/04/99
Laboratory Sample No : 99030026
Laboratory Reference No : KJC 10774

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	250	258	241	103	96	7

Definition of Terms :

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

Orange Coast Analytical, Inc.

KENNEDY/JENKS CONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #115, Bakersfield, CA 93308
☐ 630 South 336th St., Federal Way, WA 98003
☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
☐ 5190 Neil Road, #300, Reno, NV 89502
☐ 2330 Bradshaw Rd., #140, Sacramento, CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-3-99
Source of Samples Boeing C-6
Sampler Name Shane Scrimshire
Phone 949-261-1577
Project No. 99K001.00

Report To Rus Purcell
Company Kennedy/Jenks
Address 2151 Michelson Dr. # 100
Irvine CA. 92612
Phone 949-261-1577

Lab Destination Orange Coast Analytical
Address
Phone
Carrier/Way Bill No.

(6) ANALYSES REQUESTED

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn around	8260 - VOCs	8270 - SVOCs	6010 - TTLC 23 Metals	7196 - Chromium	7471 - Mercury	8080 - Pesticides	8015 - Gas + Diesel		Comment/Condition (Container type, container number, etc.)
	TMW10-GW-1-68	3/4/99	0915	W			HCl	Norm.	X	X	X	X	X	X	X		
	TMW11-GW-1-68	"	1015	"			"	"	X	X	X	X	X	X	X		
	TMW12-GW-1-70	"	1135	"			"	"	X	X	X	X	X	X	X		
	TMW13-GW-1-70	"	1325	"			"	"	X	X	X	X	X	X	X		
	TMW14-GW-1-80	"	1700	"			"	"	X	X	X	X	X	X	X		
	TMW15-GW-1-79	"	1810	"			"	"	X	X	X	X	X	X	X		
	Trip Blank-2	"	—	"			"	"	X								

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(6) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/3/99	1020

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
Eade Bradford	[signature]	OCA	3/4/99	1030

PAGE 03

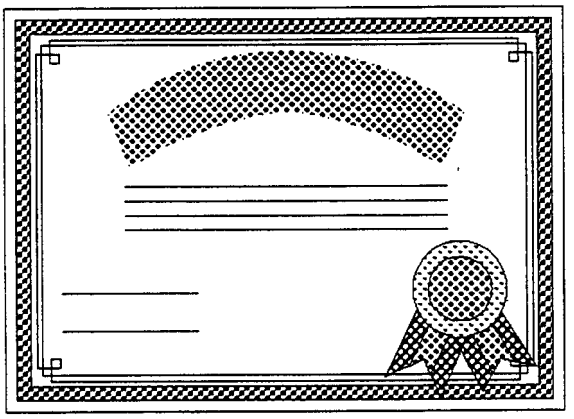
ORANGE COAST ANALYTI

BOE-C6-0045484

\MBC\CUSTODY2.FRM

00000S.C0

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: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Kennedy Jenks Consultants

Project No.: Boeing C-6

Project Name: 994001.00

Laboratory Reference: KJC 10776

Analytical Method: 8260, Metals, 8080 Pesticides, 8270, 8015m gas, 8015m diesel

Date Sampled: 03/04/99
Date Received: 03/05/99
Date Reported: 03/11/99

Sample Matrix: Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/l***
99030036	WCC5S-GW-1-70	N.D.
99030037	WCC7S-GW-1-70	N.D.
99030038	WCC4S-GW-1-70	N.D.
99030039	WCC11S-GW-1-70	N.D.
99030040	TMW9-GW-1-70	N.D.
99030041	TMW6-GW-1-70	N.D.
99030042	TMW5-GW-1-70	N.D.
99030043	TMW4-GW-1-70	N.D.

Detection Limit:	0.5

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS µg/l***
99030036	WCC5S-GW-1-70	N.D.
99030037	WCC7S-GW-1-70	82
99030038	WCC4S-GW-1-70	550
99030039	WCC11S-GW-1-70	53
99030040	TMW9-GW-1-70	220
99030041	TMW6-GW-1-70	280
99030042	TMW5-GW-1-70	1,500
99030043	TMW4-GW-1-70	1,200
Detection Limit:		50

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, WCC5S-GW-1-70
Laboratory Sample Number: 99030036
Laboratory Reference #: KJC 10776

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	11
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	2.1
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, WCC5S-GW-1-70
Laboratory Sample Number: 99030036
Laboratory Reference #: KJC 10776

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	97
Toluene-d8	95
4-Bromofluorobenzene	92

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC7S-GW-1-70
Laboratory Sample Number: 99030037
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	1.0	N.D.
Bromodichloromethane	75-27-4	1.0	N.D.
Bromoform	75-25-2	1.0	N.D.
Bromomethane	74-83-9	2.0	N.D.
Carbon Disulfide	75-15-0	1.0	N.D.
Carbon tetrachloride	56-23-5	1.0	N.D.
Chlorobenzene	108-90-7	1.0	N.D.
Chlorodibromomethane	124-48-1	1.0	N.D.
Chloroethane	75-00-3	1.0	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.0	N.D.
Chloroform	67-66-3	1.0	N.D.
Chloromethane	74-87-3	1.0	N.D.
1,1-Dichloroethane	75-34-3	1.0	N.D.
1,2-Dichloroethane	107-06-2	1.0	N.D.
1,1-Dichloroethene	75-35-4	1.0	160
Trans 1,2-Dichloroethene	156-60-5	1.0	N.D.
1,2-Dichloropropane	78-87-5	1.0	N.D.
cis-1,3-Dichloropropene	10061-01-5	1.0	N.D.
trans-1,3-Dichloropropene	10061-02-6	1.0	N.D.
Ethylbenzene	100-41-4	1.0	N.D.
Methylene chloride	75-09-2	5.0	N.D.
Styrene	100-42-5	1.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	1.0	N.D.
Tetrachloroethene	127-18-4	1.0	N.D.
Toluene	108-88-3	1.0	N.D.
1,1,1-Trichloroethane	71-55-6	1.0	N.D.
1,1,2-Trichloroethane	79-00-5	1.0	N.D.
Trichloroethene	79-01-6	1.0	170
Trichlorofluoromethane	75-69-4	1.0	N.D.
Vinyl acetate	108-05-4	2.0	N.D.
Vinyl chloride	75-01-4	1.0	N.D.
Total Xylenes	1330-20-7	2.0	N.D.
Dichlorodifluoromethane	75-71-8	1.0	N.D.
cis-1-2,-Dichloroethene	156-59-2	1.0	1.1
2,2-Dichloropropane	594-20-7	1.0	N.D.
Bromochloromethane	74-97-5	1.0	N.D.
1,1-Dichloropropene	563-58-6	1.0	N.D.
Dibromomethane	74-95-3	1.0	N.D.
1,2-Dibromoethane	106-93-4	1.0	N.D.

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

Sample Description: Water, WCC7S-GW-1-70
Laboratory Sample Number: 99030037
Laboratory Reference #: KJC 10776

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	1.0	N.D.
Isopropylbenzene	98-82-8	1.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	1.0	N.D.
1,2,3-Trichloropropane	96-18-4	1.0	N.D.
Bromobenzene	108-86-1	1.0	N.D.
n-Propylbenzene	103-65-1	1.0	N.D.
2-Chlorotoluene	95-49-8	1.0	N.D.
1,3,5-Trimethylbenzene	108-67-8	1.0	N.D.
4-Chlorotoluene	106-43-4	1.0	N.D.
tert-Butylbenzene	98-06-6	1.0	N.D.
1,2,4-Trimethylbenzene	95-63-6	1.0	N.D.
sec-Butylbenzene	135-98-8	1.0	N.D.
4-Isopropyltoluene	99-87-6	1.0	N.D.
1,3-Dichlorobenzene	541-73-1	1.0	N.D.
1,4-Dichlorobenzene	106-46-7	1.0	N.D.
n-Butylbenzene	104-51-8	1.0	N.D.
1,2-Dichlorobenzene	95-50-1	1.0	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	1.0	N.D.
Hexachlorobutadiene	87-68-3	1.0	N.D.
Naphthalene	91-20-3	1.0	N.D.
1,2,3-Trichlorobenzene	87-61-6	1.0	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	101
Toluene-d8	96
4-Bromofluorobenzene	91

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC4S-GW-1-70
Laboratory Sample Number: 99030038
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	10	N.D.
Bromodichloromethane	75-27-4	10	N.D.
Bromoform	75-25-2	10	N.D.
Bromomethane	74-83-9	20	N.D.
Carbon Disulfide	75-15-0	10	N.D.
Carbon tetrachloride	56-23-5	10	N.D.
Chlorobenzene	108-90-7	10	N.D.
Chlorodibromomethane	124-48-1	10	N.D.
Chloroethane	75-00-3	10	N.D.
2-Chloroethyl vinyl ether	110-75-8	10	N.D.
Chloroform	67-66-3	10	N.D.
Chloromethane	74-87-3	10	N.D.
1,1-Dichloroethane	75-34-3	10	N.D.
1,2-Dichloroethane	107-06-2	10	N.D.
1,1-Dichloroethene	75-35-4	10	1,700
Trans 1,2-Dichloroethene	156-60-5	10	15
1,2-Dichloropropane	78-87-5	10	N.D.
cis-1,3-Dichloropropene	10061-01-5	10	N.D.
trans-1,3-Dichloropropene	10061-02-6	10	N.D.
Ethylbenzene	100-41-4	10	N.D.
Methylene chloride	75-09-2	50	N.D.
Styrene	100-42-5	10	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	10	N.D.
Tetrachloroethene	127-18-4	10	N.D.
Toluene	108-88-3	10	N.D.
1,1,1-Trichloroethane	71-55-6	10	N.D.
1,1,2-Trichloroethane	79-00-5	10	N.D.
Trichloroethene	79-01-6	10	1,600
Trichlorofluoromethane	75-69-4	10	N.D.
Vinyl acetate	108-05-4	20	N.D.
Vinyl chloride	75-01-4	10	N.D.
Total Xylenes	1330-20-7	20	N.D.
Dichlorodifluoromethane	75-71-8	10	N.D.
cis-1-2,-Dichloroethene	156-59-2	10	N.D.
2,2-Dichloropropane	594-20-7	10	N.D.
Bromochloromethane	74-97-5	10	N.D.
1,1-Dichloropropene	563-58-6	10	N.D.
Dibromomethane	74-95-3	10	N.D.
1,2-Dibromoethane	106-93-4	10	N.D.

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

Sample Description: Water, WCC4S-GW-1-70
Laboratory Sample Number: 99030038
Laboratory Reference #: KJC 10776

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	10	N.D.
Isopropylbenzene	98-82-8	10	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	10	N.D.
1,2,3-Trichloropropane	96-18-4	10	N.D.
Bromobenzene	108-86-1	10	N.D.
n-Propylbenzene	103-65-1	10	N.D.
2-Chlorotoluene	95-49-8	10	N.D.
1,3,5-Trimethylbenzene	108-67-8	10	N.D.
4-Chlorotoluene	106-43-4	10	N.D.
tert-Butylbenzene	98-06-6	10	N.D.
1,2,4-Trimethylbenzene	95-63-6	10	N.D.
sec-Butylbenzene	135-98-8	10	N.D.
4-Isopropyltoluene	99-87-6	10	N.D.
1,3-Dichlorobenzene	541-73-1	10	N.D.
1,4-Dichlorobenzene	106-46-7	10	N.D.
n-Butylbenzene	104-51-8	10	N.D.
1,2-Dichlorobenzene	95-50-1	10	N.D.
1-2-Dibromo-3-CPA	96-12-8	10	N.D.
1,2,4-Trichlorobenzene	120-82-1	10	N.D.
Hexachlorobutadiene	87-68-3	10	N.D.
Naphthalene	91-20-3	10	N.D.
1,2,3-Trichlorobenzene	87-61-6	10	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	100
Toluene-d8	96
4-Bromofluorobenzene	91

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, WCC11S-GW-1-70
Laboratory Sample Number: 99030039
Laboratory Reference #: KJC 10776

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	22
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	120
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	6.9
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, WCC11S-GW-1-70
Laboratory Sample Number: 99030039
Laboratory Reference #: KJC 10776

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	101
Toluene-d8	96
4-Bromofluorobenzene	92

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW9-GW-1-70
Laboratory Sample Number: 99030040
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	5.0	N.D.
Bromodichloromethane	75-27-4	5.0	N.D.
Bromoform	75-25-2	5.0	N.D.
Bromomethane	74-83-9	10.0	N.D.
Carbon Disulfide	75-15-0	5.0	N.D.
Carbon tetrachloride	56-23-5	5.0	N.D.
Chlorobenzene	108-90-7	5.0	N.D.
Chlorodibromomethane	124-48-1	5.0	N.D.
Chloroethane	75-00-3	5.0	N.D.
2-Chloroethyl vinyl ether	110-75-8	5.0	N.D.
Chloroform	67-66-3	5.0	N.D.
Chloromethane	74-87-3	5.0	N.D.
1,1-Dichloroethane	75-34-3	5.0	N.D.
1,2-Dichloroethane	107-06-2	5.0	N.D.
1,1-Dichloroethene	75-35-4	5.0	110
Trans 1,2-Dichloroethene	156-60-5	5.0	N.D.
1,2-Dichloropropane	78-87-5	5.0	N.D.
cis-1,3-Dichloropropene	10061-01-5	5.0	N.D.
trans-1,3-Dichloropropene	10061-02-6	5.0	N.D.
Ethylbenzene	100-41-4	5.0	N.D.
Methylene chloride	75-09-2	25.0	N.D.
Styrene	100-42-5	5.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	5.0	N.D.
Tetrachloroethene	127-18-4	5.0	N.D.
Toluene	108-88-3	5.0	N.D.
1,1,1-Trichloroethane	71-55-6	5.0	N.D.
1,1,2-Trichloroethane	79-00-5	5.0	N.D.
Trichloroethene	79-01-6	5.0	760
Trichlorofluoromethane	75-69-4	5.0	N.D.
Vinyl acetate	108-05-4	10.0	N.D.
Vinyl chloride	75-01-4	5.0	N.D.
Total Xylenes	1330-20-7	10.0	N.D.
Dichlorodifluoromethane	75-71-8	5.0	N.D.
cis-1,2-Dichloroethene	156-59-2	5.0	N.D.
2,2-Dichloropropane	594-20-7	5.0	N.D.
Bromochloromethane	74-97-5	5.0	N.D.
1,1-Dichloropropene	563-58-6	5.0	N.D.
Dibromomethane	74-95-3	5.0	N.D.
1,2-Dibromoethane	106-93-4	5.0	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW9-GW-1-70
Laboratory Sample Number: 99030040
Laboratory Reference #: KJC 10776

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

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

Surrogate Recoveries	%
Dibromofluoromethane	102
Toluene-d8	96
4-Bromofluorobenzene	90

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, TMW6-GW-1-70
Laboratory Sample Number: 99030041
Laboratory Reference #: KJC 10776

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	2.5	N.D.
Bromodichloromethane	75-27-4	2.5	N.D.
Bromoform	75-25-2	2.5	N.D.
Bromomethane	74-83-9	5.0	N.D.
Carbon Disulfide	75-15-0	2.5	N.D.
Carbon tetrachloride	56-23-5	2.5	N.D.
Chlorobenzene	108-90-7	2.5	N.D.
Chlorodibromomethane	124-48-1	2.5	N.D.
Chloroethane	75-00-3	2.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	2.5	N.D.
Chloroform	67-66-3	2.5	630
Chloromethane	74-87-3	2.5	N.D.
1,1-Dichloroethane	75-34-3	2.5	N.D.
1,2-Dichloroethane	107-06-2	2.5	N.D.
1,1-Dichloroethene	75-35-4	2.5	8.4
Trans 1,2-Dichloroethene	156-60-5	2.5	N.D.
1,2-Dichloropropane	78-87-5	2.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	2.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	2.5	N.D.
Ethylbenzene	100-41-4	2.5	N.D.
Methylene chloride	75-09-2	12.5	N.D.
Styrene	100-42-5	2.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	2.5	N.D.
Tetrachloroethene	127-18-4	2.5	N.D.
Toluene	108-88-3	2.5	N.D.
1,1,1-Trichloroethane	71-55-6	2.5	N.D.
1,1,2-Trichloroethane	79-00-5	2.5	N.D.
Trichloroethene	79-01-6	2.5	170
Trichlorofluoromethane	75-69-4	2.5	N.D.
Vinyl acetate	108-05-4	5.0	N.D.
Vinyl chloride	75-01-4	2.5	N.D.
Total Xylenes	1330-20-7	5.0	N.D.
Dichlorodifluoromethane	75-71-8	2.5	N.D.
cis-1,2-Dichloroethene	156-59-2	2.5	N.D.
2,2-Dichloropropane	594-20-7	2.5	N.D.
Bromochloromethane	74-97-5	2.5	N.D.
1,1-Dichloropropene	563-58-6	2.5	N.D.
Dibromomethane	74-95-3	2.5	N.D.
1,2-Dibromoethane	106-93-4	2.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW6-GW-1-70
Laboratory Sample Number: 99030041
Laboratory Reference #: KJC 10776

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

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

Surrogate Recoveries	%
Dibromofluoromethane	101
Toluene-d8	95
4-Bromofluorobenzene	91

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW5-GW-1-70
Laboratory Sample Number: 99030042
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	500
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	250	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	4,500
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	100	N.D.
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1,2-Dichloroethene	156-59-2	50	N.D.
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW5-GW-1-70
Laboratory Sample Number: 99030042
Laboratory Reference #: KJC 10776

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

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

Surrogate Recoveries	%
Dibromofluoromethane	102
Toluene-d8	95
4-Bromofluorobenzene	89

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW4-GW-1-70
Laboratory Sample Number: 99030043
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	2,000
Trans 1,2-Dichloroethene	156-60-5	50	54
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	250	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	2,900
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	100	N.D.
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1,2-Dichloroethene	156-59-2	50	64
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW4-GW-1-70
Laboratory Sample Number: 99030043
Laboratory Reference #: KJC 10776

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

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

Surrogate Recoveries	%
Dibromofluoromethane	102
Toluene-d8	96
4-Bromofluorobenzene	90

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Travel Blank-3
Laboratory Sample Number: 99030044
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1-2,-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

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

Sample Description: Water, Travel Blank-3
Laboratory Sample Number: 99030044
Laboratory Reference #: KJC 10776

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	97
Toluene-d8	97
4-Bromofluorobenzene	92

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC5S-GW-1-70
Laboratory Sample Number: 99030036
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC5S-GW-1-70
Laboratory Sample Number: 99030036
Laboratory Reference #: KJC 10776

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, WCC7S-GW-1-70
Laboratory Sample Number: 99030037
Laboratory Reference #: KJC 10776

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC7S-GW-1-70
Laboratory Sample Number: 99030037
Laboratory Reference #: KJC 10776

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, WCC4S-GW-1-70
Laboratory Sample Number: 99030038
Laboratory Reference #: KJC 10776

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC4S-GW-1-70
Laboratory Sample Number: 99030038
Laboratory Reference #: KJC 10776

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, WCC11S-GW-1-70
Laboratory Sample Number: 99030039
Laboratory Reference #: KJC 10776

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC11S-GW-1-70
Laboratory Sample Number: 99030039
Laboratory Reference #: KJC 10776

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW9-GW-1-70
Laboratory Sample Number: 99030040
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, TMW9-GW-1-70
Laboratory Sample Number: 99030040
Laboratory Reference #: KJC 10776

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, TMW6-GW-1-70
Laboratory Sample Number: 99030041
Laboratory Reference #: KJC 10776

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, TMW6-GW-1-70
Laboratory Sample Number: 99030041
Laboratory Reference #: KJC 10776

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, TMW5-GW-1-70
Laboratory Sample Number: 99030042
Laboratory Reference #: KJC 10776

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, TMW5-GW-1-70
Laboratory Sample Number: 99030042
Laboratory Reference #: KJC 10776

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/08/99
Reported: 03/11/99

Sample Description: Water, TMW4-GW-1-70
Laboratory Sample Number: 99030043
Laboratory Reference #: KJC 10776

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW4-GW-1-70
Laboratory Sample Number: 99030043
Laboratory Reference #: KJC 10776

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC5S-GW-1-70
Laboratory Sample Number: 99030036
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/05/99
Reported: 03/11/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.26
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.011
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.030

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC7S-GW-1-70
Laboratory Sample Number: 99030037
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/05/99
Reported: 03/11/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.18
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.014
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.010

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC4S-GW-1-70
Laboratory Sample Number: 99030038
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/05/99
Reported: 03/11/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.26
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.012
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.018

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC11S-GW-1-70
Laboratory Sample Number: 99030039
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/05/99
Reported: 03/11/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.083
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.016
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.012

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW9-GW-1-70
Laboratory Sample Number: 99030040
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/05/99
Reported: 03/11/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.10
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.024
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.020

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW6-GW-1-70
Laboratory Sample Number: 99030041
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/05/99
Reported: 03/11/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.20
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.024
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.015

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW5-GW-1-70
Laboratory Sample Number: 99030042
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/05/99
Reported: 03/11/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.049
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.015
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.018

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW4-GW-1-70
Laboratory Sample Number: 99030043
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/05/99
Reported: 03/11/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.15
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.024
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.023

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/09/99
Reported: 03/11/99

Sample Description: Water, WCC5S-GW-1-70
Laboratory Sample Number: 99030036
Laboratory Reference #: KJC 10776

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC7S-GW-1-70
Laboratory Sample Number: 99030037
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/09/99
Reported: 03/11/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC4S-GW-1-70
Laboratory Sample Number: 99030038
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/09/99
Reported: 03/11/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC11S-GW-1-70
Laboratory Sample Number: 99030039
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/09/99
Reported: 03/11/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/09/99
Reported: 03/11/99

Sample Description: Water, TMW9-GW-1-70
Laboratory Sample Number: 99030040
Laboratory Reference #: KJC 10776

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW6-GW-1-70
Laboratory Sample Number: 99030041
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/09/99
Reported: 03/11/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW5-GW-1-70
Laboratory Sample Number: 99030042
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/09/99
Reported: 03/11/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW4-GW-1-70
Laboratory Sample Number: 99030043
Laboratory Reference #: KJC 10776

Sampled: 03/04/99
Received: 03/05/99
Analyzed: 03/09/99
Reported: 03/11/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/08/99
Laboratory Sample No :99030044
Laboratory Reference No : KJC 10776

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

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/08/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10776

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	34	72	68	6
n-Nitroso-di-n-propylamine	0.0	50	45	44	90	88	2
1,2,4-Trichlorobenzene	0.0	50	39	38	78	76	3
Acenaphthene	0.0	50	50	47	100	94	6
Pyrene	0.0	50	53	51	106	102	4
Pentachlorophenol	0.0	100	88	83	88	83	6
4-Chloro-3-Methylphenol	0.0	100	80	76	80	76	5
2-Chlorophenol	0.0	100	88	84	88	84	5
Phenol	0.0	100	36	35	36	35	3

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Date of Analysis : 03/05/99
Laboratory Sample No : 99030036, OCA100
Laboratory Reference No : KJC 10776

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	1.00	0.96	1.04	96	104	8
Arsenic	0.00	1.00	1.07	1.08	107	108	1
Barium	0.26	0.10	0.36	0.36	97	100	1
Beryllium	0.00	0.10	0.11	0.11	110	111	1
Cadmium	0.00	0.10	0.11	0.11	108	110	2
Chromium (VI)	0.00	0.50	0.52	0.50	104	100	4
Chromium (Total)	0.011	0.10	0.12	0.12	108	110	2
Cobalt	0.00	0.10	0.096	0.098	96	98	2
Copper	0.00	0.10	0.11	0.11	113	113	0
Lead	0.00	1.00	0.99	1.02	99	102	3
Mercury	0.000	0.010	0.010	0.010	100	99	1
Molybdenum	0.00	1.00	1.05	1.07	105	107	2
Nickel	0.00	0.50	0.54	0.55	107	110	2
Selenium	0.00	1.00	1.05	1.10	105	110	5
Silver	0.00	0.50	0.50	0.50	99	100	1
Thallium	0.00	1.00	0.99	0.96	99	96	3
Vanadium	0.00	0.50	0.55	0.56	111	112	1
Zinc	0.030	0.10	0.14	0.14	106	107	1

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 03/09/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10776

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.80	0.80	80	80	0

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 03/08/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10776

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.1	4.0	62	80	25

Definition of Terms :

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

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 03/08/99
Laboratory Sample No : 99030036
Laboratory Reference No : KJC 10776

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	250	232	236	93	94	2

Definition of Terms :

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

KENNEDY/JENKS CONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

200 New Stine Rd., #116, Bakersfield, CA 93309
630 South 336th St., Federal Way, WA 98003
17310 Red Hill Ave., #220, Irvine, CA 92714
2191 East Bayshore Rd., #200, Palo Alto, CA 94303
5190 Neil Road, #300, Reno, NV 89[illegible]
3336 Bradshaw Rd., #140, Sacramento, CA 95827
303 Second St., San Francisco, CA 94107
1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-4-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 994001.00

Report To Rus Purcell

Company Kennedy / Jenks

Address 2151 Michelson Dr. #100
Irvin CA. 92612

Phone 949-261-1577

Lab Destination

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 - VOCs	8015m - gas	8015m - diesel	6010 - T-22 metals	7196 - Chromium	7471 - Mercury	8080 - Pesticides	8270 - SVOCs	Comment/Conditions (Container type, container number, etc.)
	~~SB~~ ~~TMW~~ WCC5S-GW-1-70	3/4/99	0915	W	70'			Norm	X	X	X	X	X	X	X	X	
	WCC7S-GW-1-70		1015						X	X	X	X	X	X	X	X	
	WCC4S-GW-1-70		1125						X	X	X	X	X	X	X	X	
	WCC11S-GW-1-70		1235						X	X	X	X	X	X	X	X	
	TMW9S-GW-1-70		1418						X	X	X	X	X	X	X	X	
	TMW6S-GW-1-70		1540						X	X	X	X	X	X	X	X	
	TMW5S-GW-1-70		1710						X	X	X	X	X	X	X	X	
	TMW4S-GW-1-70		1840						X	X	X	X	X	X	X	X	
	Travel Blank-3		—		—				X	~~X~~	~~X~~						

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/5/99	1000

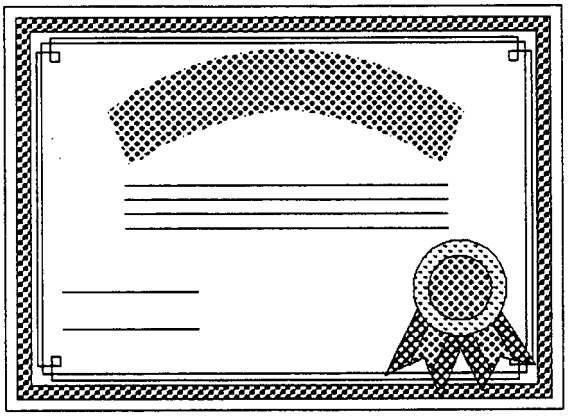
SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
Isobe Navarro	[signature]	DA	3/5/99	10:15 AM

MISC.CUSTODY.FRM

BOE-C6-0045545

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



APR 1999

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: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Kennedy Jenks Consultants

Project No.: Boeing C-6

Project Name: 994001.00

Laboratory Reference: KJC 10835

Analytical Method: 8260, Metals, 8080 Pesticides, 8270, 8015m gas, 8015m diesel

Date Sampled: 04/08/99
Date Received: 04/08/99
Date Reported: 04/14/99

Sample Matrix: Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/09/99
Reported: 04/14/99

Sample Description: Water, WCC10S-GW-1-80
Laboratory Sample Number: 99040058
Laboratory Reference #: KJC 10835

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

INT M.N.

Orange Coast Analytical, Inc.

Sample Description: Water, WCC10S-GW-1-80
Laboratory Sample Number: 99040058
Laboratory Reference #: KJC 10835

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/09/99
Reported: 04/14/99

Sample Description: Water, DACP1-GW-1-80
Laboratory Sample Number: 99040059
Laboratory Reference #: KJC 10835

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

INT

Orange Coast Analytical, Inc.

Sample Description: Water, DACP1-GW-1-80
Laboratory Sample Number: 99040059
Laboratory Reference #: KJC 10835

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

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

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/09/99
Reported: 04/09/99

Sample Description: Water, WCC10S-GW-1-80
Laboratory Sample Number: 99040058
Laboratory Reference #: KJC 10835

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	0.92
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	2.5
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	29
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	2.5
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	150
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	0.92
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

INT M.A.

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC10S-GW-1-80
Laboratory Sample Number: 99040058
Laboratory Reference #: KJC 10835

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	98
4-Bromofluorobenzene	96

INT

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, DACP1-GW-1-80
Laboratory Sample Number: 99040059
Laboratory Reference #: KJC 10835

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/09/99
Reported: 04/09/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	50	N.D.
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	N.D.
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	N.D.
Trans 1,2-Dichloroethene	156-60-5	50	N.D.
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	250	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	N.D.
1,1,1-Trichloroethane	71-55-6	50	N.D.
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	14,000
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	100	N.D.
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1,2-Dichloroethene	156-59-2	50	69
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

INT _____

Orange Coast Analytical, Inc.

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

Sample Description: Water, DACP1-GW-1-80
Laboratory Sample Number: 99040059
Laboratory Reference #: KJC 10835

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	50	N.D.
Isopropylbenzene	98-82-8	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
1,2,3-Trichloropropane	96-18-4	50	N.D.
Bromobenzene	108-86-1	50	N.D.
n-Propylbenzene	103-65-1	50	N.D.
2-Chlorotoluene	95-49-8	50	N.D.
1,3,5-Trimethylbenzene	108-67-8	50	N.D.
4-Chlorotoluene	106-43-4	50	N.D.
tert-Butylbenzene	98-06-6	50	N.D.
1,2,4-Trimethylbenzene	95-63-6	50	N.D.
sec-Butylbenzene	135-98-8	50	N.D.
4-Isopropyltoluene	99-87-6	50	N.D.
1,3-Dichlorobenzene	541-73-1	50	N.D.
1,4-Dichlorobenzene	106-46-7	50	N.D.
n-Butylbenzene	104-51-8	50	N.D.
1,2-Dichlorobenzene	95-50-1	50	N.D.
1-2-Dibromo-3-CPA	96-12-8	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	50	N.D.
Hexachlorobutadiene	87-68-3	50	N.D.
Naphthalene	91-20-3	50	N.D.
1,2,3-Trichlorobenzene	87-61-6	50	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	93
Toluene-d8	98
4-Bromofluorobenzene	97

INT m.n.

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/09/99
Reported: 04/09/99

Sample Description: Water, Travel Blank
Laboratory Sample Number: 99040061
Laboratory Reference #: KJC 10835

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

INT m.r.

Orange Coast Analytical, Inc.

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

Sample Description: Water, Travel Blank
Laboratory Sample Number: 99040061
Laboratory Reference #: KJC 10835

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	94
Toluene-d8	98
4-Bromofluorobenzene	97

INT m.n.

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/09-13/99
Reported: 04/14/99

Sample Description: Water, WCC10S-GW-1-80
Laboratory Sample Number: 99040058
Laboratory Reference #: KJC 10835

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.029
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.010
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.012

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

INT _m.n._

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, DACP1-GW-1-80
Laboratory Sample Number: 99040059
Laboratory Reference #: KJC 10835

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/09-13/99
Reported: 04/14/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.10
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	0.26
Chromium Total	6010	0.01	0.26
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	N.D.

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

INT _____

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/12/99
Reported: 04/14/99

Sample Description: Water, WCC10S-GW-1-80
Laboratory Sample Number: 99040058
Laboratory Reference #: KJC 10835

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
delta-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

INT _____

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/12/99
Reported: 04/14/99

Sample Description: Water, DACP1-GW-1-80
Laboratory Sample Number: 99040059
Laboratory Reference #: KJC 10835

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
delta-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

INT m.n.

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10835

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/13/99
Reported: 04/14/99

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/l***
99040058	WCC10S-GW-1-80	N.D.
99040059	DACP1-GW-1-80	N.D.

Detection Limit:	0.5

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

INT m.h.

Orange Coast Analytical, Inc.

Kennedy / Jenks Consultants
Attn: Mr. Rus Purcell
2151 Michelson Drive #100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10835

Sampled: 04/08/99
Received: 04/08/99
Analyzed: 04/13/99
Reported: 04/14/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS µg/l***
99040058	WCC10S-GW-1-80	98
99040059	DACP1-GW-1-80	7,600
Detection Limit:		50

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

INT M.A.

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 04/09/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10835

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	32	72	64	12
n-Nitroso-di-n-propylamine	0.0	50	48	45	96	90	6
1,2,4-Trichlorobenzene	0.0	50	38	36	76	72	5
Acenaphthene	0.0	50	43	42	86	84	2
Pyrene	0.0	50	44	42	88	84	5
Pentachlorophenol	0.0	100	83	81	83	81	2
4-Chloro-3-Methylphenol	0.0	100	78	76	78	76	3
2-Chlorophenol	0.0	100	74	72	74	72	3
Phenol	0.0	100	36	42	36	42	15

Definition of Terms :

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

INT_____

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 04/09/99
Laboratory Sample No : 99040261
Laboratory Reference No : KJC 10835

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

Definition of Terms :

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

INT_____

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Date of Analysis : 04/09-13/99
Laboratory Sample No : 99040058, OCA100
Laboratory Reference No : KJC 10835

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	1.00	0.92	0.85	92	85	8
Arsenic	0.00	1.00	1.05	1.04	105	104	1
Barium	0.029	0.100	0.135	0.137	106	108	1
Beryllium	0.00	0.100	0.111	0.112	111	112	1
Cadmium	0.00	0.100	0.109	0.110	109	110	1
Chromium (Total)	0.00	0.100	0.109	0.110	109	110	1
Chromium (VI)	0.00	0.500	0.50	0.50	100	100	0
Cobalt	0.00	0.100	0.104	0.105	104	105	1
Copper	0.000	0.100	0.113	0.114	113	114	1
Lead	0.00	1.00	1.00	0.98	100	98	2
Mercury	0.000	0.010	0.0094	0.0092	94	92	2
Molybdenum	0.00	1.00	1.06	1.04	106	104	2
Nickel	0.00	0.500	0.558	0.562	112	112	1
Selenium	0.00	1.00	1.04	1.01	104	101	3
Silver	0.00	0.500	0.466	0.482	93	96	3
Thallium	0.00	1.00	1.01	0.95	101	95	6
Vanadium	0.00	0.500	0.546	0.551	109	110	1
Zinc	0.01	0.100	0.118	0.120	106	108	2

Definition of Terms :

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

INT m.n.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8081)

Date of Analysis : 04/12/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10770

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.93	0.99	93	99	6

Definition of Terms :

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

INT M.M.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 04/16/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10835

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	5.0	4.3	4.2	86	84	2

Definition of Terms :

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

INT

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 04-13-99
Laboratory Sample No : 99040058
Laboratory Reference No : KJC 10835

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	98.0	250	320	320	89	89	0

Definition of Terms :

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

INT

Orange Coast Analytical, Inc.

KENNEDY/JENK' ONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

200 New Stine Rd., #116, Bakersfield, CA 93309
630 South 336th St., Federal Way, WA 98003
17310 Red Hill Ave., #220, Irvine, CA 92714
2181 East Bayshore Rd., #200, Palo Alto, CA 94303
5180 Neil Road, #300, Reno, NV 89
3336 Bradshaw Rd., #140, Sacramento, CA 95827
303 Second St., San Francisco, CA 94107
1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 4-8-99
Source of Samples Boeing C-6
Sampler Name Shane Scrimshire
Phone 805-855-9785
Project No. 994001.00

Report To Rus Purcell
Company Kennedy / Jenks
Address 2151 Michelson Dr #100
Irvine CA. 92612
Phone 949-261-1577

Lab Destination Orange Coast
Address
Phone
Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	SVOCs 8270	VOCs 8260	T-22 metals 6010	Pesticides 8080	8015 m diesel				Comment/Conditions (Container type, container number, etc.)
	WCC105-GW-1-80	4/8/99	1200	W	80'	—		2wk	X	X	X	X	X				
	~~WCC~~ DACP1-GW-1-80	↓	1318	↓	80'	—		↓	X	X	X	X	X				
	DACP1-GW-1-80-D	↓	1318	↓	80'	—		↓	X	X	X	X	X				
	Travel Blank	↓	—	↓	—	—		↓		X							

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	4/9/99	1510

SAMPLE RECEIVED BY:

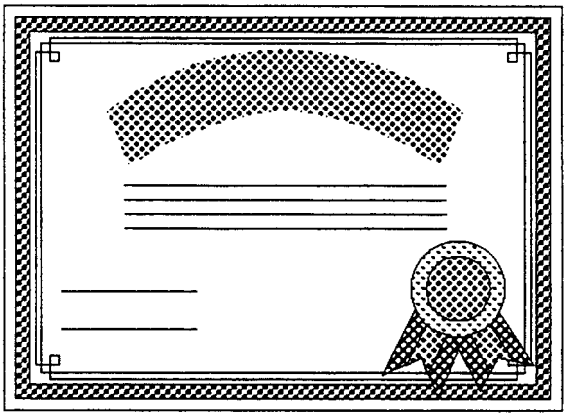
Print Name	Signature	Company	Date	Time
BADE NAVARRO	[signature]	OCA	4/9/99	15:40

\MISC\CUSTODY2.FRM

000065.06

BOE-C6-0045570

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: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Kennedy Jenks Consultants

Project No.: Boeing C-6

Project Name: 994001.00

Laboratory Reference: KJC 10779

Analytical Method: 8260, Metals, 8080 Pesticides, 8270, 8015m gas, 8015m diesel

Date Sampled: 03/05/99
Date Received: 03/06/99
Date Reported: 03/15/99

Sample Matrix: Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/l***
99030057	TMW1-GW-1-70	N.D.
99030058	TMW7-GW-1-70	N.D.
99030059	TMW8-GW-1-70	N.D.
99030060	TMW3-GW-1-70	N.D.
99030061	WCC3D-GW-1-80	N.D.
99030062	WCC3D-GW-1-80-D	N.D.

Detection Limit:	0.5

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/08-15/99
Reported: 03/15/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS µg/l***
99030057	TMW1-GW-1-70	140
99030058	TMW7-GW-1-70	1,500
99030059	TMW8-GW-1-70	1,900
99030060	TMW3-GW-1-70	3,200
99030061	WCC3D-GW-1-80	120
99030062	WCC3D-GW-1-80-D	120
Detection Limit:		50

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW1-GW-1-70
Laboratory Sample Number: 99030057
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	1.3	N.D.
Bromodichloromethane	75-27-4	1.3	N.D.
Bromoform	75-25-2	1.3	N.D.
Bromomethane	74-83-9	2.5	N.D.
Carbon Disulfide	75-15-0	1.3	N.D.
Carbon tetrachloride	56-23-5	1.3	N.D.
Chlorobenzene	108-90-7	1.3	N.D.
Chlorodibromomethane	124-48-1	1.3	N.D.
Chloroethane	75-00-3	1.3	N.D.
2-Chloroethyl vinyl ether	110-75-8	1.3	N.D.
Chloroform	67-66-3	1.3	4.7
Chloromethane	74-87-3	1.3	N.D.
1,1-Dichloroethane	75-34-3	1.3	N.D.
1,2-Dichloroethane	107-06-2	1.3	N.D.
1,1-Dichloroethene	75-35-4	1.3	330
Trans 1,2-Dichloroethene	156-60-5	1.3	N.D.
1,2-Dichloropropane	78-87-5	1.3	N.D.
cis-1,3-Dichloropropene	10061-01-5	1.3	N.D.
trans-1,3-Dichloropropene	10061-02-6	1.3	N.D.
Ethylbenzene	100-41-4	1.3	N.D.
Methylene chloride	75-09-2	6.3	N.D.
Styrene	100-42-5	1.3	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	1.3	N.D.
Tetrachloroethene	127-18-4	1.3	N.D.
Toluene	108-88-3	1.3	N.D.
1,1,1-Trichloroethane	71-55-6	1.3	1.3
1,1,2-Trichloroethane	79-00-5	1.3	N.D.
Trichloroethene	79-01-6	1.3	320
Trichlorofluoromethane	75-69-4	1.3	18
Vinyl acetate	108-05-4	2.5	N.D.
Vinyl chloride	75-01-4	1.3	N.D.
Total Xylenes	1330-20-7	2.5	N.D.
Dichlorodifluoromethane	75-71-8	1.3	N.D.
cis-1,2-Dichloroethene	156-59-2	1.3	N.D.
2,2-Dichloropropane	594-20-7	1.3	N.D.
Bromochloromethane	74-97-5	1.3	N.D.
1,1-Dichloropropene	563-58-6	1.3	N.D.
Dibromomethane	74-95-3	1.3	N.D.
1,2-Dibromoethane	106-93-4	1.3	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW1-GW-1-70
Laboratory Sample Number: 99030057
Laboratory Reference #: KJC 10779

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	1.3	N.D.
Isopropylbenzene	98-82-8	1.3	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	1.3	N.D.
1,2,3-Trichloropropane	96-18-4	1.3	N.D.
Bromobenzene	108-86-1	1.3	N.D.
n-Propylbenzene	103-65-1	1.3	N.D.
2-Chlorotoluene	95-49-8	1.3	N.D.
1,3,5-Trimethylbenzene	108-67-8	1.3	N.D.
4-Chlorotoluene	106-43-4	1.3	N.D.
tert-Butylbenzene	98-06-6	1.3	N.D.
1,2,4-Trimethylbenzene	95-63-6	1.3	N.D.
sec-Butylbenzene	135-98-8	1.3	N.D.
4-Isopropyltoluene	99-87-6	1.3	N.D.
1,3-Dichlorobenzene	541-73-1	1.3	N.D.
1,4-Dichlorobenzene	106-46-7	1.3	N.D.
n-Butylbenzene	104-51-8	1.3	N.D.
1,2-Dichlorobenzene	95-50-1	1.3	N.D.
1-2-Dibromo-3-CPA	96-12-8	1.3	N.D.
1,2,4-Trichlorobenzene	120-82-1	1.3	N.D.
Hexachlorobutadiene	87-68-3	1.3	N.D.
Naphthalene	91-20-3	1.3	N.D.
1,2,3-Trichlorobenzene	87-61-6	1.3	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	106
Toluene-d8	94
4-Bromofluorobenzene	89

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

Sample Description: Water, TMW7-GW-1-70
Laboratory Sample Number: 99030058
Laboratory Reference #: KJC 10779

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	12.5	16
Bromodichloromethane	75-27-4	12.5	N.D.
Bromoform	75-25-2	12.5	N.D.
Bromomethane	74-83-9	25.0	N.D.
Carbon Disulfide	75-15-0	12.5	N.D.
Carbon tetrachloride	56-23-5	12.5	N.D.
Chlorobenzene	108-90-7	12.5	N.D.
Chlorodibromomethane	124-48-1	12.5	N.D.
Chloroethane	75-00-3	12.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	12.5	N.D.
Chloroform	67-66-3	12.5	13
Chloromethane	74-87-3	12.5	N.D.
1,1-Dichloroethane	75-34-3	12.5	41
1,2-Dichloroethane	107-06-2	12.5	26
1,1-Dichloroethene	75-35-4	12.5	2,200
Trans 1,2-Dichloroethene	156-60-5	12.5	54
1,2-Dichloropropane	78-87-5	12.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	12.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	12.5	N.D.
Ethylbenzene	100-41-4	12.5	N.D.
Methylene chloride	75-09-2	62.5	N.D.
Styrene	100-42-5	12.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	12.5	N.D.
Tetrachloroethene	127-18-4	12.5	N.D.
Toluene	108-88-3	12.5	N.D.
1,1,1-Trichloroethane	71-55-6	12.5	N.D.
1,1,2-Trichloroethane	79-00-5	12.5	14
Trichloroethene	79-01-6	12.5	2,900
Trichlorofluoromethane	75-69-4	12.5	N.D.
Vinyl acetate	108-05-4	25.0	N.D.
Vinyl chloride	75-01-4	12.5	N.D.
Total Xylenes	1330-20-7	25.0	N.D.
Dichlorodifluoromethane	75-71-8	12.5	N.D.
cis-1,2-Dichloroethene	156-59-2	12.5	75
2,2-Dichloropropane	594-20-7	12.5	N.D.
Bromochloromethane	74-97-5	12.5	N.D.
1,1-Dichloropropene	563-58-6	12.5	N.D.
Dibromomethane	74-95-3	12.5	N.D.
1,2-Dibromoethane	106-93-4	12.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW7-GW-1-70
Laboratory Sample Number: 99030058
Laboratory Reference #: KJC 10779

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	12.5	N.D.
Isopropylbenzene	98-82-8	12.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	12.5	N.D.
1,2,3-Trichloropropane	96-18-4	12.5	N.D.
Bromobenzene	108-86-1	12.5	N.D.
n-Propylbenzene	103-65-1	12.5	N.D.
2-Chlorotoluene	95-49-8	12.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	12.5	N.D.
4-Chlorotoluene	106-43-4	12.5	N.D.
tert-Butylbenzene	98-06-6	12.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	12.5	N.D.
sec-Butylbenzene	135-98-8	12.5	N.D.
4-Isopropyltoluene	99-87-6	12.5	N.D.
1,3-Dichlorobenzene	541-73-1	12.5	N.D.
1,4-Dichlorobenzene	106-46-7	12.5	N.D.
n-Butylbenzene	104-51-8	12.5	N.D.
1,2-Dichlorobenzene	95-50-1	12.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	12.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	12.5	N.D.
Hexachlorobutadiene	87-68-3	12.5	N.D.
Naphthalene	91-20-3	12.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	12.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	103
Toluene-d8	96
4-Bromofluorobenzene	90

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

Sample Description: Water, TMW8-GW-1-70
Laboratory Sample Number: 99030059
Laboratory Reference #: KJC 10779

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	12.5	38
Bromodichloromethane	75-27-4	12.5	N.D.
Bromoform	75-25-2	12.5	N.D.
Bromomethane	74-83-9	25.0	N.D.
Carbon Disulfide	75-15-0	12.5	N.D.
Carbon tetrachloride	56-23-5	12.5	N.D.
Chlorobenzene	108-90-7	12.5	N.D.
Chlorodibromomethane	124-48-1	12.5	N.D.
Chloroethane	75-00-3	12.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	12.5	N.D.
Chloroform	67-66-3	12.5	21
Chloromethane	74-87-3	12.5	N.D.
1,1-Dichloroethane	75-34-3	12.5	52
1,2-Dichloroethane	107-06-2	12.5	24
1,1-Dichloroethene	75-35-4	12.5	3,800
Trans 1,2-Dichloroethene	156-60-5	12.5	71
1,2-Dichloropropane	78-87-5	12.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	12.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	12.5	N.D.
Ethylbenzene	100-41-4	12.5	N.D.
Methylene chloride	75-09-2	62.5	N.D.
Styrene	100-42-5	12.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	12.5	N.D.
Tetrachloroethene	127-18-4	12.5	N.D.
Toluene	108-88-3	12.5	N.D.
1,1,1-Trichloroethane	71-55-6	12.5	N.D.
1,1,2-Trichloroethane	79-00-5	12.5	18
Trichloroethene	79-01-6	12.5	3,900
Trichlorofluoromethane	75-69-4	12.5	N.D.
Vinyl acetate	108-05-4	25.0	N.D.
Vinyl chloride	75-01-4	12.5	N.D.
Total Xylenes	1330-20-7	25.0	N.D.
Dichlorodifluoromethane	75-71-8	12.5	N.D.
cis-1,2-Dichloroethene	156-59-2	12.5	93
2,2-Dichloropropane	594-20-7	12.5	N.D.
Bromochloromethane	74-97-5	12.5	N.D.
1,1-Dichloropropene	563-58-6	12.5	N.D.
Dibromomethane	74-95-3	12.5	N.D.
1,2-Dibromoethane	106-93-4	12.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW8-GW-1-70
Laboratory Sample Number: 99030059
Laboratory Reference #: KJC 10779

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	12.5	N.D.
Isopropylbenzene	98-82-8	12.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	12.5	N.D.
1,2,3-Trichloropropane	96-18-4	12.5	N.D.
Bromobenzene	108-86-1	12.5	N.D.
n-Propylbenzene	103-65-1	12.5	N.D.
2-Chlorotoluene	95-49-8	12.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	12.5	N.D.
4-Chlorotoluene	106-43-4	12.5	N.D.
tert-Butylbenzene	98-06-6	12.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	12.5	N.D.
sec-Butylbenzene	135-98-8	12.5	N.D.
4-Isopropyltoluene	99-87-6	12.5	N.D.
1,3-Dichlorobenzene	541-73-1	12.5	N.D.
1,4-Dichlorobenzene	106-46-7	12.5	N.D.
n-Butylbenzene	104-51-8	12.5	N.D.
1,2-Dichlorobenzene	95-50-1	12.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	12.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	12.5	N.D.
Hexachlorobutadiene	87-68-3	12.5	N.D.
Naphthalene	91-20-3	12.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	12.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	101
Toluene-d8	95
4-Bromofluorobenzene	90

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

Sample Description: Water, TMW3-GW-1-70
Laboratory Sample Number: 99030060
Laboratory Reference #: KJC 10779

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	50.0	N.D.
Bromodichloromethane	75-27-4	50.0	N.D.
Bromoform	75-25-2	50.0	N.D.
Bromomethane	74-83-9	100.0	N.D.
Carbon Disulfide	75-15-0	50.0	N.D.
Carbon tetrachloride	56-23-5	50.0	N.D.
Chlorobenzene	108-90-7	50.0	N.D.
Chlorodibromomethane	124-48-1	50.0	N.D.
Chloroethane	75-00-3	50.0	N.D.
2-Chloroethyl vinyl ether	110-75-8	50.0	N.D.
Chloroform	67-66-3	50.0	N.D.
Chloromethane	74-87-3	50.0	N.D.
1,1-Dichloroethane	75-34-3	50.0	N.D.
1,2-Dichloroethane	107-06-2	50.0	N.D.
1,1-Dichloroethene	75-35-4	50.0	210
Trans 1,2-Dichloroethene	156-60-5	50.0	N.D.
1,2-Dichloropropane	78-87-5	50.0	N.D.
cis-1,3-Dichloropropene	10061-01-5	50.0	N.D.
trans-1,3-Dichloropropene	10061-02-6	50.0	N.D.
Ethylbenzene	100-41-4	50.0	N.D.
Methylene chloride	75-09-2	250.0	N.D.
Styrene	100-42-5	50.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50.0	N.D.
Tetrachloroethene	127-18-4	50.0	N.D.
Toluene	108-88-3	50.0	N.D.
1,1,1-Trichloroethane	71-55-6	50.0	N.D.
1,1,2-Trichloroethane	79-00-5	50.0	N.D.
Trichloroethene	79-01-6	50.0	8,200
Trichlorofluoromethane	75-69-4	50.0	N.D.
Vinyl acetate	108-05-4	100.0	N.D.
Vinyl chloride	75-01-4	50.0	N.D.
Total Xylenes	1330-20-7	100.0	N.D.
Dichlorodifluoromethane	75-71-8	50.0	N.D.
cis-1,2-Dichloroethene	156-59-2	50.0	N.D.
2,2-Dichloropropane	594-20-7	50.0	N.D.
Bromochloromethane	74-97-5	50.0	N.D.
1,1-Dichloropropene	563-58-6	50.0	N.D.
Dibromomethane	74-95-3	50.0	N.D.
1,2-Dibromoethane	106-93-4	50.0	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW3-GW-1-70
Laboratory Sample Number: 99030060
Laboratory Reference #: KJC 10779

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	50.0	N.D.
Isopropylbenzene	98-82-8	50.0	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50.0	N.D.
1,2,3-Trichloropropane	96-18-4	50.0	N.D.
Bromobenzene	108-86-1	50.0	N.D.
n-Propylbenzene	103-65-1	50.0	N.D.
2-Chlorotoluene	95-49-8	50.0	N.D.
1,3,5-Trimethylbenzene	108-67-8	50.0	N.D.
4-Chlorotoluene	106-43-4	50.0	N.D.
tert-Butylbenzene	98-06-6	50.0	N.D.
1,2,4-Trimethylbenzene	95-63-6	50.0	N.D.
sec-Butylbenzene	135-98-8	50.0	N.D.
4-Isopropyltoluene	99-87-6	50.0	N.D.
1,3-Dichlorobenzene	541-73-1	50.0	N.D.
1,4-Dichlorobenzene	106-46-7	50.0	N.D.
n-Butylbenzene	104-51-8	50.0	N.D.
1,2-Dichlorobenzene	95-50-1	50.0	N.D.
1-2-Dibromo-3-CPA	96-12-8	50.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	50.0	N.D.
Hexachlorobutadiene	87-68-3	50.0	N.D.
Naphthalene	91-20-3	50.0	N.D.
1,2,3-Trichlorobenzene	87-61-6	50.0	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	105
Toluene-d8	95
4-Bromofluorobenzene	89

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC3D-GW-1-80
Laboratory Sample Number: 99030061
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	32
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	44
1,1,1-Trichloroethane	71-55-6	0.5	57
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	7.9
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	1.3
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC3D-GW-1-80
Laboratory Sample Number: 99030061
Laboratory Reference #: KJC 10779

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	109
Toluene-d8	95
4-Bromofluorobenzene	88

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

Sample Description: Water, WCC3D-GW-1-80-D
Laboratory Sample Number: 99030062
Laboratory Reference #: KJC 10779

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	28
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	37
1,1,1-Trichloroethane	71-55-6	0.5	49
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	7.7
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	1.4
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC3D-GW-1-80-D
Laboratory Sample Number: 99030062
Laboratory Reference #: KJC 10779

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	104
Toluene-d8	95
4-Bromofluorobenzene	90

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

Sample Description: Water, Trip Blank
Laboratory Sample Number: 99030063
Laboratory Reference #: KJC 10779

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, Trip Blank
Laboratory Sample Number: 99030063
Laboratory Reference #: KJC 10779

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	108
Toluene-d8	95
4-Bromofluorobenzene	89

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW1-GW-1-70
Laboratory Sample Number: 99030057
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW1-GW-1-70
Laboratory Sample Number: 99030057
Laboratory Reference #: KJC 10779

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

Sample Description: Water, TMW7-GW-1-70
Laboratory Sample Number: 99030058
Laboratory Reference #: KJC 10779

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW7-GW-1-70
Laboratory Sample Number: 99030058
Laboratory Reference #: KJC 10779

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

Sample Description: Water, TMW8-GW-1-70
Laboratory Sample Number: 99030059
Laboratory Reference #: KJC 10779

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW8-GW-1-70
Laboratory Sample Number: 99030059
Laboratory Reference #: KJC 10779

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

Sample Description: Water, TMW3-GW-1-70
Laboratory Sample Number: 99030060
Laboratory Reference #: KJC 10779

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW3-GW-1-70
Laboratory Sample Number: 99030060
Laboratory Reference #: KJC 10779

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

Sample Description: Water, WCC3D-GW-1-80
Laboratory Sample Number: 99030061
Laboratory Reference #: KJC 10779

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC3D-GW-1-80
Laboratory Sample Number: 99030061
Laboratory Reference #: KJC 10779

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC3D-GW-1-80-D
Laboratory Sample Number: 99030062
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, WCC3D-GW-1-80-D
Laboratory Sample Number: 99030062
Laboratory Reference #: KJC 10779

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW1-GW-1-70
Laboratory Sample Number: 99030057
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.27
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.027
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.022

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW7-GW-1-70
Laboratory Sample Number: 99030058
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.089
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.011
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.018

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW8-GW-1-70
Laboratory Sample Number: 99030059
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.091
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.050

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

Sample Description: Water, TMW3-GW-1-70
Laboratory Sample Number: 99030060
Laboratory Reference #: KJC 10779

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.094
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.023
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.033

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC3D-GW-1-80
Laboratory Sample Number: 99030061
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.091
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC3D-GW-1-80-D
Laboratory Sample Number: 99030062
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.092
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW1-GW-1-70
Laboratory Sample Number: 99030057
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

Sample Description: Water, TMW7-GW-1-70
Laboratory Sample Number: 99030058
Laboratory Reference #: KJC 10779

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW8-GW-1-70
Laboratory Sample Number: 99030059
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW3-GW-1-70
Laboratory Sample Number: 99030060
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC3D-GW-1-80
Laboratory Sample Number: 99030061
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC3D-GW-1-80-D
Laboratory Sample Number: 99030062
Laboratory Reference #: KJC 10779

Sampled: 03/05/99
Received: 03/06/99
Analyzed: 03/09/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/09/99
Laboratory Sample No :99030063
Laboratory Reference No : KJC 10779

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	19	100	95	5
1,1-Dichloroethene	0.0	20	20	19	100	95	5
Trichloroethene	0	20	20	18	100	90	11
Toluene	0.0	20	20	18	100	90	11
Chlorobenzene	0.0	20	21	19	105	95	10

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/11/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10779

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	40	40	80	80	0
n-Nitroso-di-n-propylamine	0.0	50	46	45	92	90	2
1,2,4-Trichlorobenzene	0.0	50	43	42	86	84	2
Acenaphthene	0.0	50	49	50	98	100	2
Pyrene	0.0	50	56	54	112	108	4
Pentachlorophenol	0.0	100	83	83	83	83	0
4-Chloro-3-Methylphenol	0.0	100	88	84	88	84	5
2-Chlorophenol	0.0	100	92	90	92	90	2
Phenol	0.0	100	43	45	43	45	5

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Date of Analysis : 03/08/99-03/10/99
Laboratory Sample No : 99030057, OCA100
Laboratory Reference No : KJC 10779

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	1.00	1.06	1.07	106	107	1
Arsenic	0.00	1.00	1.04	1.04	104	104	0
Barium	0.27	0.10	0.371	0.372	101	102	0
Beryllium	0.00	0.10	0.104	0.104	104	104	0
Cadmium	0.00	0.10	0.107	0.107	107	107	0
Chromium (Total)	0.027	0.10	0.133	0.133	106	106	0
Chromium (VI)	0.00	0.50	0.50	0.46	100	92	8
Cobalt	0.00	0.10	0.098	0.098	98	98	0
Copper	0.00	0.10	0.114	0.114	114	114	0
Lead	0.00	1.00	0.96	0.95	96	95	1
Mercury	0.000	0.010	0.0084	0.0091	84	91	8
Molybdenum	0.00	1.00	1.02	1.00	102	100	2
Nickel	0.00	0.50	0.52	0.52	104	104	0
Selenium	0.00	1.00	1.04	1.02	104	102	2
Silver	0.00	0.50	0.49	0.49	98	98	0
Thallium	0.00	1.00	0.96	0.93	96	93	3
Vanadium	0.00	0.50	0.53	0.53	106	106	0
Zinc	0.022	0.10	0.126	0.123	104	101	2

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 03/09/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10779

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.80	0.80	80	80	0

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 03/11/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10779

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.4	3.8	68	76	11

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 03/08/99
Laboratory Sample No : 99030036
Laboratory Reference No : KJC 10779

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	250	232	236	94	96	2

Definition of Terms :

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

Orange Coast Analytical, Inc.

KENNEDY/JENI ONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

- ☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
- ☐ 630 South 336th St., Federal Way, WA 98003
- ☐ 17310 Red Hill Ave., #220, Irvine, CA 92714
- ☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
- ☐ 5190 Neil Road, #300, Reno, NV 8.
- ☐ 3336 Bradshaw Rd., #140, Sacramento, CA 95827
- ☐ 303 Second St., San Francisco, CA 94107
- ☐ 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS: _____

Date 3-5-99 | Report To Rus Purcell

Source of Samples Boeing C-6 | Company Kennedy / Jenks

Sampler Name Shane Scrimshire | Address 2151 Michelson Dr. #100

Phone 949-261-1577 | Irvine CA. 92612

Project No. 994001.00 | Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address _____

Phone _____

Carrier/Way Bill No. _____

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: 8260 - VOCs	8270 - SVOCs	8015m - gas	8015m - diesel	6010 - T-22 metals	7196 - Chromium	7471 - Mercury	8080 - Pesticides	Comment/Conditions (Container type, container number, etc.)
	TMW1-GW-1-70	3/5/99	1105	W					X	X	X	X	X	X	X	X	
	TMW7-GW-1-70	"	1210	"					X	X	X	X	X	X	X	X	
	TMW8-GW-1-70	"	1345	"					X	X	X	X	X	X	X	X	
	TMW3-GW-1-70	"	1530	"					X	X	X	X	X	X	X	X	
	WCC3D-GW-1-80	"	2015	"					X	X	X	X	X	X	X	X	
	WCC3D-GW-1-80-D	"	2015	"					X	X	X	X	X	X	X	X	
	Trip Blank-4	"	—	"					X								

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/J	3/6/99	1430

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
MARK NOORANI	[signature]	OCA	3/6/99	14:40

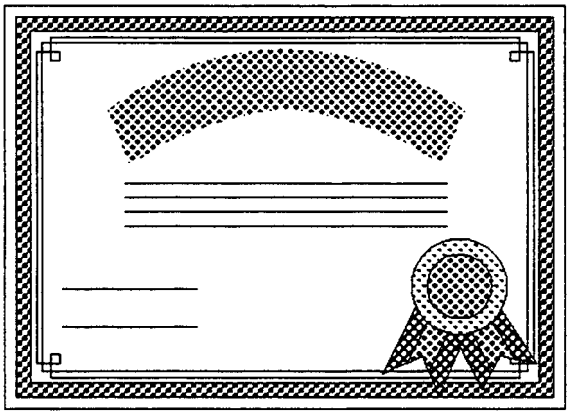
BOE-C6-0045619

\MISC\CUSTODY2.FRM

000065.06

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

RECEIVED
MAR 1 9 1999
IRVINE, CA



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: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Kennedy Jenks Consultants

Project No.: Boeing C-6

Project Name: 994001.00

Laboratory Reference: KJC 10780

Analytical Method: 8260, Metals, 8080 Pesticides, 8270, 8015m gas, 8015m diesel

Date Sampled: 03/06/99
Date Received: 03/06/99
Date Reported: 03/17/99

Sample Matrix: Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

EXTRACTABLE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	*CLIENT SAMPLE NUMBER*	*SAMPLE RESULTS mg/l*
99030064	WCC3S-GW-1-70	N.D.
99030065	WCC6S-GW-1-70	N.D.
99030066	TMW2-GW-1-70	N.D.
99030067	Rinsate Blank-1	N.D.
99030068	TMW16-GW-1-65	N.D.
99030069	Field Blank-1	N.D.

Detection Limit:	0.5

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water,

Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	*CLIENT SAMPLE NUMBER*	*SAMPLE RESULTS µg/l*
99030064	WCC3S-GW-1-70	60,000
99030065	WCC6S-GW-1-70	3,400
99030066	TMW2-GW-1-70	7,000
99030067	Rinsate Blank-1	N.D.
99030068	TMW16-GW-1-65	N.D.
99030069	Field Blank-1	N.D.

Detection Limit:	50

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

Sample Description: Water, WCC3S-GW-1-71
Laboratory Sample Number: 99030064
Laboratory Reference #: KJC 10780

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	250	N.D.
Bromodichloromethane	75-27-4	250	N.D.
Bromoform	75-25-2	250	N.D.
Bromomethane	74-83-9	500	N.D.
Carbon Disulfide	75-15-0	250	N.D.
Carbon tetrachloride	56-23-5	250	N.D.
Chlorobenzene	108-90-7	250	N.D.
Chlorodibromomethane	124-48-1	250	N.D.
Chloroethane	75-00-3	250	N.D.
2-Chloroethyl vinyl ether	110-75-8	250	N.D.
Chloroform	67-66-3	250	N.D.
Chloromethane	74-87-3	250	N.D.
1,1-Dichloroethane	75-34-3	250	500
1,2-Dichloroethane	107-06-2	250	N.D.
1,1-Dichloroethene	75-35-4	250	20,000
Trans 1,2-Dichloroethene	156-60-5	250	510
1,2-Dichloropropane	78-87-5	250	N.D.
cis-1,3-Dichloropropene	10061-01-5	250	N.D.
trans-1,3-Dichloropropene	10061-02-6	250	N.D.
Ethylbenzene	100-41-4	250	N.D.
Methylene chloride	75-09-2	1250	N.D.
Styrene	100-42-5	250	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	250	N.D.
Tetrachloroethene	127-18-4	250	N.D.
Toluene	108-88-3	250	42,000
1,1,1-Trichloroethane	71-55-6	250	1,900
1,1,2-Trichloroethane	79-00-5	250	N.D.
Trichloroethene	79-01-6	250	640
Trichlorofluoromethane	75-69-4	250	N.D.
Vinyl acetate	108-05-4	500	N.D.
Vinyl chloride	75-01-4	250	N.D.
Total Xylenes	1330-20-7	500	N.D.
Dichlorodifluoromethane	75-71-8	250	N.D.
cis-1,2-Dichloroethene	156-59-2	250	4,800
2,2-Dichloropropane	594-20-7	250	N.D.
Bromochloromethane	74-97-5	250	N.D.
1,1-Dichloropropene	563-58-6	250	N.D.
Dibromomethane	74-95-3	250	N.D.
1,2-Dibromoethane	106-93-4	250	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC3S-GW-1-71
Laboratory Sample Number: 99030064
Laboratory Reference #: KJC 10780

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	250	N.D.
Isopropylbenzene	98-82-8	250	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	250	N.D.
1,2,3-Trichloropropane	96-18-4	250	N.D.
Bromobenzene	108-86-1	250	N.D.
n-Propylbenzene	103-65-1	250	N.D.
2-Chlorotoluene	95-49-8	250	N.D.
1,3,5-Trimethylbenzene	108-67-8	250	N.D.
4-Chlorotoluene	106-43-4	250	N.D.
tert-Butylbenzene	98-06-6	250	N.D.
1,2,4-Trimethylbenzene	95-63-6	250	N.D.
sec-Butylbenzene	135-98-8	250	N.D.
4-Isopropyltoluene	99-87-6	250	N.D.
1,3-Dichlorobenzene	541-73-1	250	N.D.
1,4-Dichlorobenzene	106-46-7	250	N.D.
n-Butylbenzene	104-51-8	250	N.D.
1,2-Dichlorobenzene	95-50-1	250	N.D.
1-2-Dibromo-3-CPA	96-12-8	250	N.D.
1,2,4-Trichlorobenzene	120-82-1	250	N.D.
Hexachlorobutadiene	87-68-3	250	N.D.
Naphthalene	91-20-3	250	N.D.
1,2,3-Trichlorobenzene	87-61-6	250	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	109
Toluene-d8	94
4-Bromofluorobenzene	87

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

Sample Description: Water, WCC6S-GW-1-70
Laboratory Sample Number: 99030065
Laboratory Reference #: KJC 10780

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	50	51
Bromodichloromethane	75-27-4	50	N.D.
Bromoform	75-25-2	50	N.D.
Bromomethane	74-83-9	100	N.D.
Carbon Disulfide	75-15-0	50	N.D.
Carbon tetrachloride	56-23-5	50	N.D.
Chlorobenzene	108-90-7	50	N.D.
Chlorodibromomethane	124-48-1	50	N.D.
Chloroethane	75-00-3	50	N.D.
2-Chloroethyl vinyl ether	110-75-8	50	N.D.
Chloroform	67-66-3	50	N.D.
Chloromethane	74-87-3	50	N.D.
1,1-Dichloroethane	75-34-3	50	110
1,2-Dichloroethane	107-06-2	50	N.D.
1,1-Dichloroethene	75-35-4	50	9,500
Trans 1,2-Dichloroethene	156-60-5	50	140
1,2-Dichloropropane	78-87-5	50	N.D.
cis-1,3-Dichloropropene	10061-01-5	50	N.D.
trans-1,3-Dichloropropene	10061-02-6	50	N.D.
Ethylbenzene	100-41-4	50	N.D.
Methylene chloride	75-09-2	250	N.D.
Styrene	100-42-5	50	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	50	N.D.
Tetrachloroethene	127-18-4	50	N.D.
Toluene	108-88-3	50	760
1,1,1-Trichloroethane	71-55-6	50	300
1,1,2-Trichloroethane	79-00-5	50	N.D.
Trichloroethene	79-01-6	50	5,000
Trichlorofluoromethane	75-69-4	50	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	100	N.D.
Dichlorodifluoromethane	75-71-8	50	N.D.
cis-1,2-Dichloroethene	156-59-2	50	510
2,2-Dichloropropane	594-20-7	50	N.D.
Bromochloromethane	74-97-5	50	N.D.
1,1-Dichloropropene	563-58-6	50	N.D.
Dibromomethane	74-95-3	50	N.D.
1,2-Dibromoethane	106-93-4	50	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC6S-GW-1-70
Laboratory Sample Number: 99030065
Laboratory Reference #: KJC 10780

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

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

Surrogate Recoveries	%
Dibromofluoromethane	109
Toluene-d8	94
4-Bromofluorobenzene	88

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

Sample Description: Water, TMW2-GW-1-70
Laboratory Sample Number: 99030066
Laboratory Reference #: KJC 10780

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	125	N.D.
Bromodichloromethane	75-27-4	125	N.D.
Bromoform	75-25-2	125	N.D.
Bromomethane	74-83-9	250	N.D.
Carbon Disulfide	75-15-0	125	N.D.
Carbon tetrachloride	56-23-5	125	N.D.
Chlorobenzene	108-90-7	125	N.D.
Chlorodibromomethane	124-48-1	125	N.D.
Chloroethane	75-00-3	125	N.D.
2-Chloroethyl vinyl ether	110-75-8	125	N.D.
Chloroform	67-66-3	125	250
Chloromethane	74-87-3	125	N.D.
1,1-Dichloroethane	75-34-3	125	1,600
1,2-Dichloroethane	107-06-2	125	N.D.
1,1-Dichloroethene	75-35-4	125	39,000
Trans 1,2-Dichloroethene	156-60-5	125	600
1,2-Dichloropropane	78-87-5	125	N.D.
cis-1,3-Dichloropropene	10061-01-5	125	N.D.
trans-1,3-Dichloropropene	10061-02-6	125	N.D.
Ethylbenzene	100-41-4	125	N.D.
Methylene chloride	75-09-2	625	N.D.
Styrene	100-42-5	125	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	125	N.D.
Tetrachloroethene	127-18-4	125	N.D.
Toluene	108-88-3	125	N.D.
1,1,1-Trichloroethane	71-55-6	125	4,300
1,1,2-Trichloroethane	79-00-5	125	N.D.
Trichloroethene	79-01-6	125	36,000
Trichlorofluoromethane	75-69-4	125	N.D.
Vinyl acetate	108-05-4	250	N.D.
Vinyl chloride	75-01-4	125	N.D.
Total Xylenes	1330-20-7	250	N.D.
Dichlorodifluoromethane	75-71-8	125	N.D.
cis-1,2-Dichloroethene	156-59-2	125	660
2,2-Dichloropropane	594-20-7	125	N.D.
Bromochloromethane	74-97-5	125	N.D.
1,1-Dichloropropene	563-58-6	125	N.D.
Dibromomethane	74-95-3	125	N.D.
1,2-Dibromoethane	106-93-4	125	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW2-GW-1-70
Laboratory Sample Number: 99030066
Laboratory Reference #: KJC 10780

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	125	N.D.
Isopropylbenzene	98-82-8	125	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	125	N.D.
1,2,3-Trichloropropane	96-18-4	125	N.D.
Bromobenzene	108-86-1	125	N.D.
n-Propylbenzene	103-65-1	125	N.D.
2-Chlorotoluene	95-49-8	125	N.D.
1,3,5-Trimethylbenzene	108-67-8	125	N.D.
4-Chlorotoluene	106-43-4	125	N.D.
tert-Butylbenzene	98-06-6	125	N.D.
1,2,4-Trimethylbenzene	95-63-6	125	N.D.
sec-Butylbenzene	135-98-8	125	N.D.
4-Isopropyltoluene	99-87-6	125	N.D.
1,3-Dichlorobenzene	541-73-1	125	N.D.
1,4-Dichlorobenzene	106-46-7	125	N.D.
n-Butylbenzene	104-51-8	125	N.D.
1,2-Dichlorobenzene	95-50-1	125	N.D.
1-2-Dibromo-3-CPA	96-12-8	125	N.D.
1,2,4-Trichlorobenzene	120-82-1	125	N.D.
Hexachlorobutadiene	87-68-3	125	N.D.
Naphthalene	91-20-3	125	N.D.
1,2,3-Trichlorobenzene	87-61-6	125	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	110
Toluene-d8	95
4-Bromofluorobenzene	88

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

Sample Description: Water, Rinsate Blank-1
Laboratory Sample Number: 99030067
Laboratory Reference #: KJC 10780

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, Rinsate Blank-1
Laboratory Sample Number: 99030067
Laboratory Reference #: KJC 10780

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	113
Toluene-d8	94
4-Bromofluorobenzene	88

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW16-GW-1-65
Laboratory Sample Number: 99030068
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	N.D.
Bromoform	75-25-2	0.5	N.D.
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	N.D.
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	N.D.
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	2.1
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	4.5
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, TMW16-GW-1-65
Laboratory Sample Number: 99030068
Laboratory Reference #: KJC 10780

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	115
Toluene-d8	94
4-Bromofluorobenzene	88

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Field Blank-1
Laboratory Sample Number: 99030069
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Benzene	71-43-2	0.5	N.D.
Bromodichloromethane	75-27-4	0.5	22
Bromoform	75-25-2	0.5	2.2
Bromomethane	74-83-9	1.0	N.D.
Carbon Disulfide	75-15-0	0.5	N.D.
Carbon tetrachloride	56-23-5	0.5	N.D.
Chlorobenzene	108-90-7	0.5	N.D.
Chlorodibromomethane	124-48-1	0.5	15
Chloroethane	75-00-3	0.5	N.D.
2-Chloroethyl vinyl ether	110-75-8	0.5	N.D.
Chloroform	67-66-3	0.5	31
Chloromethane	74-87-3	0.5	N.D.
1,1-Dichloroethane	75-34-3	0.5	N.D.
1,2-Dichloroethane	107-06-2	0.5	N.D.
1,1-Dichloroethene	75-35-4	0.5	N.D.
Trans 1,2-Dichloroethene	156-60-5	0.5	N.D.
1,2-Dichloropropane	78-87-5	0.5	N.D.
cis-1,3-Dichloropropene	10061-01-5	0.5	N.D.
trans-1,3-Dichloropropene	10061-02-6	0.5	N.D.
Ethylbenzene	100-41-4	0.5	N.D.
Methylene chloride	75-09-2	2.5	N.D.
Styrene	100-42-5	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
Tetrachloroethene	127-18-4	0.5	N.D.
Toluene	108-88-3	0.5	N.D.
1,1,1-Trichloroethane	71-55-6	0.5	N.D.
1,1,2-Trichloroethane	79-00-5	0.5	N.D.
Trichloroethene	79-01-6	0.5	N.D.
Trichlorofluoromethane	75-69-4	0.5	N.D.
Vinyl acetate	108-05-4	1.0	N.D.
Vinyl chloride	75-01-4	0.5	N.D.
Total Xylenes	1330-20-7	1.0	N.D.
Dichlorodifluoromethane	75-71-8	0.5	N.D.
cis-1,2-Dichloroethene	156-59-2	0.5	N.D.
2,2-Dichloropropane	594-20-7	0.5	N.D.
Bromochloromethane	74-97-5	0.5	N.D.
1,1-Dichloropropene	563-58-6	0.5	N.D.
Dibromomethane	74-95-3	0.5	N.D.
1,2-Dibromoethane	106-93-4	0.5	N.D.

Orange Coast Analytical, Inc.

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

Sample Description: Water, Field Blank-1
Laboratory Sample Number: 99030069
Laboratory Reference #: KJC 10780

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
1,3-Dichloropropane	142-28-9	0.5	N.D.
Isopropylbenzene	98-82-8	0.5	N.D.
1,1,2,2-Tetrachloroethane	79-34-5	0.5	N.D.
1,2,3-Trichloropropane	96-18-4	0.5	N.D.
Bromobenzene	108-86-1	0.5	N.D.
n-Propylbenzene	103-65-1	0.5	N.D.
2-Chlorotoluene	95-49-8	0.5	N.D.
1,3,5-Trimethylbenzene	108-67-8	0.5	N.D.
4-Chlorotoluene	106-43-4	0.5	N.D.
tert-Butylbenzene	98-06-6	0.5	N.D.
1,2,4-Trimethylbenzene	95-63-6	0.5	N.D.
sec-Butylbenzene	135-98-8	0.5	N.D.
4-Isopropyltoluene	99-87-6	0.5	N.D.
1,3-Dichlorobenzene	541-73-1	0.5	N.D.
1,4-Dichlorobenzene	106-46-7	0.5	N.D.
n-Butylbenzene	104-51-8	0.5	N.D.
1,2-Dichlorobenzene	95-50-1	0.5	N.D.
1-2-Dibromo-3-CPA	96-12-8	0.5	N.D.
1,2,4-Trichlorobenzene	120-82-1	0.5	N.D.
Hexachlorobutadiene	87-68-3	0.5	N.D.
Naphthalene	91-20-3	0.5	N.D.
1,2,3-Trichlorobenzene	87-61-6	0.5	N.D.

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

Surrogate Recoveries	%
Dibromofluoromethane	114
Toluene-d8	94
4-Bromofluorobenzene	87

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

Sample Description: Water, WCC3S-GW-1-71
Laboratory Sample Number: 99030064
Laboratory Reference #: KJC 10780

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, WCC3S-GW-1-71
Laboratory Sample Number: 99030064
Laboratory Reference #: KJC 10780

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/l)*	*SAMPLE RESULTS (ug/l)*
2,4-Dinitrotoluene	121-14-2	5.0	N.D.
2,6-Dinitrotoluene	606-20-2	5.0	N.D.
Di-N-octyl phthalate	117-84-0	25	N.D.
Fluoranthene	206-44-0	5.0	N.D.
Fluorene	86-73-7	5.0	N.D.
Hexachlorobenzene	118-74-1	5.0	N.D.
Hexachlorobutadiene	87-68-3	5.0	N.D.
Hexachlorocyclopentadiene	77-47-4	5.0	N.D.
Hexachloroethane	67-72-1	5.0	N.D.
Indeno(1,2,3-cd)pyrene	193-39-5	25	N.D.
Isophorone	78-59-1	5.0	N.D.
2-Methylnaphthalene	91-57-6	5.0	N.D.
2-Methylphenol	95-48-7	5.0	12
4-Methylphenol	106-44-5	5.0	9.4
Naphthalene	91-20-3	5.0	N.D.
2-Nitroaniline	88-74-4	50	N.D.
3-Nitroaniline	99-09-2	50	N.D.
4-Nitroaniline	100-01-6	50	N.D.
Nitrobenzene	98-95-3	5.0	N.D.
2-Nitrophenol	88-75-5	5.0	N.D.
4-Nitrophenol	100-02-7	50	N.D.
N-Nitrosodiphenylamine	86-30-6	5.0	N.D.
N-Nitroso-di-N-propylamine	621-64-7	5.0	N.D.
N-Nitrosodimethylamine	62-75-9	5.0	N.D.
Pentachlorophenol	87-86-5	50	N.D.
Phenanthrene	85-01-8	5.0	N.D.
Phenol	108-95-2	5.0	7.9
Pyrene	129-00-0	5.0	N.D.
1,2,4-Trichlorobenzene	120-82-1	5.0	N.D.
2,4,5-Trichlorophenol	95-95-4	5.0	N.D.
2,4,6-Trichlorophenol	88-06-2	5.0	N.D.

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC6S-GW-1-70
Laboratory Sample Number: 99030065
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, WCC6S-GW-1-70
Laboratory Sample Number: 99030065
Laboratory Reference #: KJC 10780

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW2-GW-1-70
Laboratory Sample Number: 99030066
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

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

Sample Description: Water, TMW2-GW-1-70
Laboratory Sample Number: 99030066
Laboratory Reference #: KJC 10780

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Rinsate Blank-1
Laboratory Sample Number: 99030067
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, Rinsate Blank-1
Laboratory Sample Number: 99030067
Laboratory Reference #: KJC 10780

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW16-GW-1-65
Laboratory Sample Number: 99030068
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/l)***	***SAMPLE RESULTS (ug/l)***
Acenaphthene	83-32-9	5.0	N.D.
Acenaphthylene	208-96-8	5.0	N.D.
Aniline	62-53-3	5.0	N.D.
Anthracene	120-12-7	5.0	N.D.
Benzoic Acid	65-85-0	50	N.D.
Benzo (a) anthracene	56-55-3	5.0	N.D.
Benzo (b) fluoranthene	205-99-2	25	N.D.
Benzo (k) fluoranthene	207-08-9	25	N.D.
Benzo (g,h,i)perylene	191-24-2	25	N.D.
Benzo (a) pyrene	50-32-8	25	N.D.
Benzyl alcohol	100-51-6	50	N.D.
Bis(2-chloroethoxy)methane	111-91-1	5.0	N.D.
Bis(2-chloroethyl)ether	111-44-4	5.0	N.D.
Bis(2-chloroisopropyl)ether	39638-32-9	5.0	N.D.
Bis(2-ethylhexyl)phthalate	117-81-7	3.0	6.2
4-Bromophenyl phenyl ether	101-55-3	5.0	N.D.
Butyl benzyl phthalate	85-68-7	5.0	N.D.
4-Chloroaniline	106-47-8	5.0	N.D.
2-Chloronaphthalene	91-58-7	5.0	N.D.
4-Chloro-3-methylphenol	59-50-7	5.0	N.D.
2-Chlorophenol	95-57-8	5.0	N.D.
4-Chlorophenyl phenyl ehter	7005-72-3	5.0	N.D.
Chrysene	218-0109	5.0	N.D.
Dibenz(a,h)anthracene	53-70-3	25	N.D.
Dibenzofuran	132-64-9	5.0	N.D.
Di-N-butyl phthalate	84-74-2	5.0	N.D.
1,3-Dichlorobenzene	541-73-1	5.0	N.D.
1,4-Dichlorobenzene	106-46-7	5.0	N.D.
1,2-Dichlorobenzene	95-50-1	5.0	N.D.
3,3-Dichlorobenzidine	91-94-1	5.0	N.D.
2,4-Dichlorophenol	120-83-2	5.0	N.D.
Diethyl phthalate	84-66-2	5.0	N.D.
2,4-Dimethylphenol	105-67-9	5.0	N.D.
Dimethyl phthalate	131-11-3	5.0	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	50	N.D.
2,4-Dinitrophenol	51-28-5	50	N.D.

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

Sample Description: Water, TMW16-GW-1-65
Laboratory Sample Number: 99030068
Laboratory Reference #: KJC 10780

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Field Blank-1
Laboratory Sample Number: 99030069
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/11/99
Reported: 03/15/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

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

Orange Coast Analytical, Inc.

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

Sample Description: Water, Field Blank-1
Laboratory Sample Number: 99030069
Laboratory Reference #: KJC 10780

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

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC3S-GW-1-71
Laboratory Sample Number: 99030064
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.23
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.024

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC6S-GW-1-70
Laboratory Sample Number: 99030065
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	*EPA Method*	*Detection Limit mg/l*	*Analysis Result mg/l*
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.14
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.018

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW2-GW-1-70
Laboratory Sample Number: 99030066
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.28
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	0.22
Chromium Total	6010	0.01	0.26
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.018

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Rinsate Blank-1
Laboratory Sample Number: 99030067
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	N.D.
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, TMW16-GW-1-65
Laboratory Sample Number: 99030068
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.20
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	0.015
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	0.014
Zinc	6010	0.01	0.054

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Field Blank-1
Laboratory Sample Number: 99030069
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/08-10/99
Reported: 03/15/99

CCR - METALS

Analyte	***EPA Method***	***Detection Limit mg/l***	***Analysis Result mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.034
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Chromium Total	6010	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	0.019
Lead	6010	0.05	N.D.
Mercury	7471	0.001	N.D.
Molybdenum	6010	0.05	N.D.
Nickel	6010	0.01	N.D.
Selenium	6010	0.1	N.D.
Silver	6010	0.01	N.D.
Thallium	6010	0.1	N.D.
Vanadium	6010	0.01	N.D.
Zinc	6010	0.01	0.018

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC3S-GW-1-71
Laboratory Sample Number: 99030064
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, WCC6S-GW-1-70
Laboratory Sample Number: 99030065
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

Sample Description: Water, TMW2-GW-1-70
Laboratory Sample Number: 99030066
Laboratory Reference #: KJC 10780

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Rinsate Blank-1
Laboratory Sample Number: 99030067
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

Sample Description: Water, TMW16-GW-1-65
Laboratory Sample Number: 99030068
Laboratory Reference #: KJC 10780

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/l***	***SAMPLE RESULTS µg/l***
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

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

Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Water, Field Blank-1
Laboratory Sample Number: 99030069
Laboratory Reference #: KJC 10780

Sampled: 03/06/99
Received: 03/06/99
Analyzed: 03/10/99
Reported: 03/15/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/l
Aldrin	309-00-2	0.1	N.D.
alpha-BHC	319-84-6	0.2	N.D.
beta-BHC	319-85-7	0.2	N.D.
gamma-BHC	319-86-8	0.2	N.D.
gamma-BHC (Lindane)	58-89-9	0.2	N.D.
Chlordane	57-74-9	0.2	N.D.
4,4'-DDD	72-54-8	0.5	N.D.
4,4'-DDE	72-55-9	0.1	N.D.
4,4'-DDT	50-29-3	0.1	N.D.
Dieldrin	60-57-1	0.5	N.D.
Endosulfan I	959-98-8	0.5	N.D.
Endosulfan II	33212-65-9	0.5	N.D.
Endosulfan sulfate	1031-07-8	0.5	N.D.
Endrin	72-20-8	0.02	N.D.
Endrin aldehyde	7421-93-4	0.2	N.D.
Heptachlor	76-44-8	0.1	N.D.
Heptachlor epoxide	1024-57-3	0.2	N.D.
Methoxychlor	72-43-5	9.0	N.D.
Toxaphene	8001-35-2	0.5	N.D.

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/10/99
Laboratory Sample No :99030067
Laboratory Reference No : KJC 10780

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

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

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

Date of Analysis : 03/11/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10780

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	40	40	80	80	0
n-Nitroso-di-n-propylamine	0.0	50	46	45	92	90	2
1,2,4-Trichlorobenzene	0.0	50	43	42	86	84	2
Acenaphthene	0.0	50	49	50	98	100	2
Pyrene	0.0	50	56	54	112	108	4
Pentachlorophenol	0.0	100	83	83	83	83	0
4-Chloro-3-Methylphenol	0.0	100	88	84	88	84	5
2-Chlorophenol	0.0	100	92	90	92	90	2
Phenol	0.0	100	43	45	43	45	5

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 03/10/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10780

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.88	0.90	88	90	2

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Extractable Fuel Hydrocarbons (EPA 8015m)

Date of Analysis : 03/11/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10780

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	5.0	3.4	3.8	68	76	11

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 03/11/99
Laboratory Sample No : 99030067
Laboratory Reference No : KJC 10780

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	250	248	231	99	92	7

Definition of Terms :

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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Date of Analysis : 03/08-09/99
Laboratory Sample No : 99030057, OCA100
Laboratory Reference No : KJC 10780

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	1.00	1.06	1.07	106	107	1
Arsenic	0.00	1.00	1.04	1.04	104	104	0
Barium	0.27	0.10	0.371	0.372	101	102	0
Beryllium	0.00	0.10	0.104	0.104	104	104	0
Cadmium	0.00	0.10	0.107	0.107	107	107	0
Chromium (Total)	0.027	0.10	0.133	0.133	106	106	0
Chromium (VI)	0.00	0.50	0.50	0.46	100	92	8
Cobalt	0.00	0.10	0.098	0.098	98	98	0
Copper	0.00	0.10	0.114	0.114	114	114	0
Lead	0.00	1.00	0.96	0.95	96	95	1
Mercury	0.000	0.010	0.0084	0.0091	84	91	8
Molybdenum	0.00	1.00	1.02	1.00	102	100	2
Nickel	0.00	0.50	0.52	0.52	104	104	0
Selenium	0.00	1.00	1.04	1.02	104	102	2
Silver	0.00	0.50	0.49	0.49	98	98	0
Thallium	0.00	1.00	0.96	0.93	96	93	3
Vanadium	0.00	0.50	0.53	0.53	106	106	0
Zinc	0.022	0.10	0.126	0.123	104	101	2

Definition of Terms :

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

Orange Coast Analytical, Inc.

KENNEDY/JENKS CONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

[illegible]00 New Stine Rd., #116, Bakersfield, CA 93309
[illegible]30 South 336th St., Federal Way, WA 98003
[illegible] 17310 Red Hill Ave., #220, Irvine, CA 92714
[illegible] 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
[illegible] 5190 Neil Road, #300, Reno, NV 9950
[illegible] 3336 Bradshaw Rd., #140, Sacramento, [illegible]5827
[illegible] 303 Second St., San Francisco, CA 94107
[illegible] 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS:

Date 3-6-99

Source of Samples Boeing C-6

Sampler Name Shane Scrimshire

Phone 949-261-1577

Project No. 999001.00

Report To Rus Purcell

Company Kennedy/Jenks

Address 2151 Michelson Dr. #100
Irvine CA 92612

Phone 949-261-1577

Lab Destination Orange Coast Analytical

Address

Phone

Carrier/Way Bill No.

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn around	(5) ANALYSES REQUESTED: 8260 - VOCs	8270 - SVOCs	8015m - gas	8015m - diesel	6010 - T-22 metals	7196 - Chromium	7471 - Mercury	8080 - Pesticides	Comment/Conditions (Container type, container number, etc.)
	WCC35-GW-1-71	3/6/99	0745	W				Norm	X	X	X	X	X	X	X	X	
	WCC65-GW-1-70	"	0855	"					X	X	X	X	X	X	X	X	
	TMW2-GW-1-70	"	1020	"					X	X	X	X	X	X	X	X	
	Rinsate Blank-1	"	1115	"					X	X	X	X	X	X	X	X	
	TMW16-GW-1-66	"	1240	"					X	X	X	X	X	X	X	X	
	Field Blank-1	"	1430	"					X	X	X	X	X	X	X	X	

1) Write only one sample number in each space.
2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
4) Preservation of sample.
5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Shane Scrimshire	[signature]	K/S	3/6/99	1435

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
MARK NOORANI	Mark Noorani	OCA	3/6/99	14:45

BOE-C6-0045666

ISL\CUSTODY2.FRM

000065.08

ORANGE COAST ANALYTICAL, INC.
PHONE MESSAGE

Initials: MVC Date: 3-8-99

CLIENT: KJC CONTACT: Jay Knight

PROJECT: Boeing

Status: ✓ In Progress ___ Completed ___ Upcoming/Future

Date Received: 3-6-99

Samples: Action Item: Turnaround:

Sample TMW16-64-1-66
should read TMW16-64-1-65
desp. is correct on the bottels

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

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