# 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**

**Kennedy/Jenks Consultants**

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# 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 1.66 x 1.66'

WATER LEVEL MEASUREMENT METHOD: Electric sounder PURGE METHOD: ~~2"~~ 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 | 1215 | 1230 | 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 ~~81.71~~ | | 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. | 1560. | 1380. | 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' | 76' | 76' | 78' | | |
| DEPTH TO WATER DURING PURGE (FT) | 61.73 | 61.91 | 61.80 | 61.87 | 61.81 | | |
| NUMBER OF CASING VOLUMES REMOVED | | | | | | | |
| DEWATERED? | | | | | | | |

F-43.1 (5-89)

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

PROJECT NAME: Boeing C-6 WELL NUMBER: THW-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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Begin 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) | 5 gal. | 10 gal. | 14 gal. | | | | |
| PURGE RATE (GPM) | | | | | | | |
| TEMPERATURE (°C) | 65.2 | 68.4 | 66.5 | | | | |
| pH | 7.53 | 7.70 | 7.75 | | | | |
| SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected) | 1479. | 1578. | 1510. | | | | |
| DISSOLVED OXYGEN (mg/L) | | | | | | | |
| eH(MV)Pt-AgCl ref. | | | | | | | |
| TURBIDITY/COLOR | Red. 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)

**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.

1015 - Began surging after 10 gal. purged. 1030 - Bailed 10 gal. NO - Began pumping

| 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 85.84 / End 88.45 | | 72.89 | | 15.56 ~~12.99~~ ~~11.99~~ | | 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 | 7.36 | 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 turbid | 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-1

PROJECT NUMBER: PERSONNEL: Shane Sunshine

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 + Bail-Flow 2

TIME START PURGE: 1200 / 1255 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 75.45 | | 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) | 1,760. | 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? | | | | | | | |

F-431 (5-89)

**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: 10gal. water injected during construction, will remove 30gal. additional to req. 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) | 1gal. | 25gal. | 30gal. | 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. v/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)

**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): 65.98 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 fail

| 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 | | 65.98 | | 20.37 | | 0.16 | 0.64 | 1.44 | | 3.25 |

| TIME | 1620 | 1646 | 1720 | 1740 | 1805 | | |
|---|---|---|---|---|---|---|---|
| VOLUME PURGED (GAL) | 1 gal. | 10 | 14 | 30 | 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. | 1,850. | 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. - 15gal. 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? | | | | | | | |

F-43.1 (5-89)

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

Contractor —

Supt. on Job Shane Scrimshine

Weather Overcast, drizzly

Temperature 65 °F Max 64 °F Min

Work Hours 1150 to 1530 Memos Issued

Photos

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.

Sheet 1 of 1

Date 2-9-99

Project Boeing C-6

K/J/C Job No.

Sampling, Testing —

Visitors to Site —

Work Report (Work done, Personnel/Equipment working)

1150 Arrived 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 surgeing 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]

BOE-C6-0142339

**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-1-65 (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 # WCC-12S-GW-1-66.

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: 1450 - Measured wellhead 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 | 3350 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: Bail. - 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-12S

PROJECT NUMBER: 994001.00 PERSONNEL: Shane Scrimshire

SAMPLE DATA:

TIME SAMPLED: 1745 COMMENTS:

DEPTH SAMPLED (FT): 66'

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 |
|---|---|---|---|---|---|---|---|---|---|---|
| WCC12S-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 [redacted] 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 | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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(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] | Liane Newman | OCA | 3/3/99 | 10:30 |
| | | | | |

BOE-C6-0142345

\MISC\CUSTODY2.FRM

000065.06

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]

BOE-C6-0142346

**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 3-3-99 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-1-78.

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.

742 Began purgeing TMW-15.
-Note: Pump stopped several times during purge because of silt. Water did not full 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: 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| TMW10-GW-1-68 | 3 - VOAs<br>3 - liter Ambers<br>1 - Plastic | | HCL<br>None<br>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:

F-43.2 (5-89)

**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: Redi-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? | | | | | | | |

F-43.1 (5-89)

**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 | = | x 3 = 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 Sprinkle

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 | 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-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:

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-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: 1135

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:

**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 ~~7.11~~ | 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? | | | | | | | |

F-43.1 (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

SAMPLE DATA:

TIME SAMPLED: 1325 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| TMW13-GW-1-70 | 7 | VOAs, 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? | | | | | | | |

F-43.1 (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

SAMPLE DATA:

TIME SAMPLED: 1700 COMMENTS:

DEPTH SAMPLED (FT): 50'

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-1-50 | 7 | VOA's, liter Amber, Plastic | HCL + HNO3 | NO | 3,370 ml | 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:

F-43.2 (5-89)

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

PROJECT NAME: Boeing C-6 WELL NUMBER: THW-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) | 3gal. | 8gal. | 10gal. | 12gal. | 14gal. | | |
| 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? | | | | | | | |

F-43.1 (5-89)

**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: 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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/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
- ☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
- ☐ 5190 Neil Road, #300, Reno, NV 8
- ☐ 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 - Metals (Zn) | 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 4h |
| | | | | | | | | | |

BOE-C6-0142360

\MISC\CUSTODY2.FRM

000065.06

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

Contractor —

Supt. on Job Shane Scrimshire

Weather Partly cloudy

Temperature 65 °F Max 55 °F Min

Work Hours 0630 to 2000 Memos Issued

Photos —

Special Conditions, Delays, Changes —

Sheet 1 of 3

Date 3-4-99

Project Boeing C-6

K/J/C Job No. 994001.00

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 Isobutelyne | 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 purgeing 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 purgeing WCC-7S. - WCC-7S has been recompleted also.
1015 Collected sample # WCC7S-GW-1-70.
Dirt in WCC-7S from recompletion.

1055 Began purgeing WCC-4S. WCC-4S raised + recompleted.
1125 Collected sample # WCC4S-GW-1-70.
Dirt in well from re-completion.

1207 Began purgeing WCC-11S. This well was also been raised + recompleted.
1235 Collected sampled # WCC11S-GW-1-70.
Dirt in well from recompletion.

1330 ~~1300~~ 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 purgeing well TMW-9. Plugged pump controller into a nearby electrical outlet.
1418 Collected sample # TMW9-GW-1-70.

1520 Began purgeing 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 purging well TMW-5. (TMW-5S 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 purging 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? | | | | | | | |

F-43.1 (5-89)

**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

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 |
|---|---|---|---|---|---|---|---|---|---|---|
| WCC55-GW-1-70 | 7 | Not, 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: Intergrated 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:

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-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 | VOA's, liter 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-45

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: Redi-Flow 2

TIME START PURGE: 1056 PURGE DEPTH (FT) 70'

TIME END PURGE: 1117

TIME SAMPLED: 1125

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? | | | | | | | |

F-43.1 (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

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 | 3330 mL | 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? | | | | | | | |



F-43.1 (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

SAMPLE DATA:

TIME SAMPLED: 1235 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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: Redi-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? | | | | | | | |

F-43.1 (5-89)

**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: 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| TMW9-GW-1-70 | 7 | 1L Amber liter, Poetic | HCL HNO3 | NO | 3370ml | 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: 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-6S

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 - 1.5 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, Poly | 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: JMW-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? | | | | | | | |

F-43.1 (5-89)

**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: 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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): 8 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:

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-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: 1840 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-C6-0142379

KENNEDY/JENKS CONSULTANTS

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☐ 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

## SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

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 | 8260 - VOCs | 8015 m - GRO | 8015 m - 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 |
|---|---|---|---|---|
| Isaac Navarro | [signature] | DCA | 3/5/99 | 10:15 |
| | | | | |

BOE-C6-0142380

\MISC\CUSTODY2.FRM

000065.06

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

Contractor —

Supt. on Job Shane Scrimshire

Weather Partly Cloudy

Temperature 60 °F Max 50 °F Min

Work Hours 0700 to 3100 Memos Issued

Photos Several photos of TMW-3 wellhead.

Special Conditions, Delays, Changes —

Sheet 1 of 2

Date 3-5-99

Project Boeing C-6

K/J/C Job No. 994001.00

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 Rus arrival at site.
1420 Rus 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

**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 - 74 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. | 8gal. | 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 | Nat'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 bind. #1)

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)



BOE-C6-0142384

**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 - 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 = 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| TMW7-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): 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 | = | X 3 = 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? | | | | | | | |

F-43.1 (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

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 | 3,370mL | 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:

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-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 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. | U.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:

F-43.2 (5-89)

**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? | | | | | | | |

F-43.1 (5-89)

**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 liters, 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: Ross Purcell.
Job File:
Other:

F-43.2 (5-89)

KENNEDY/JEN CONSULTANTS

*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
- ☐ 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 |
| | | | | |

BOE-C6-0142393

\MISC\CUSTODY2.FRM

000065.06

Daily Inspection Report No. _____

**Kennedy/Jenks/Chilton**

Contractor —

Supt. on Job Shane Scrimshire

Weather Partly Cloudy

Temperature 60 °F Max 50 °F Min

Work Hours 0630 to 1300 Memos Issued

Photos —

Special Conditions, Delays, Changes —

Sheet 1 of 3

Date 3-6-99

Project Boeing C-6

K/J/C Job No. 994001.00

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. |

0755 Began purging 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 purging 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 # WC665-GW-1-70.
Detected a slight sour odor at end of purge.

0930 Loaded equipment into the electric cart.

0957 Began purging 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 disposable bailer.

1250 Unloaded all drums from trailer. All drums have been marked with a paint pen, 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 Boring 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 Noorang 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 Scrimshire

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. | 3120. | | | | |
| 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 | VOA's, 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:

F-43.2 (5-89)

KENNEDY/JENI 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
- ☐ 6190 Neil Road, #300, Reno, NV 8
- ☐ 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 | 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 | [signature] | OCA | 3/6/99 | 14:45 |
| | | | | |

BOE-C6-0142399

\MISC\CUSTODY2.FRM

000065.06

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

PROJECT NAME: Boeing C-6 WELL NUMBER: ~~SP~~ 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) | 68.5 | 71.4 | 71.5 | 71.1 | | | |
| pH | 6.53 | 6.56 | 6.70 | 6.70 | | | |
| SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected) | 3080. | 2980. | 2210. | 2,180. | | | |
| DISSOLVED OXYGEN (mg/L) | | | | | | | |
| eH(MV)Pt-AgCl ref. | | | | | | | |
| TURBIDITY/COLOR | Clear | Clear | Clear | Clear | | | |
| ODOR | v. strong V.OC 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, 1 liter Amber, Plastic | 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:

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: Recir. 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 | = | x3 = 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: 0555 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 1 liter Amber, Poly | 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:

F-43.2 (5-89)

**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 | v. 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: 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| TMW2-GW-1-70 | 7 | VOAs, liters, 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 —

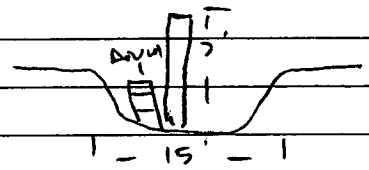
Sampling, Testing Purged + sampled wells WCC-10S + DAC-P1.

Visitors to Site —

Work Report (Work Done, Personnel/Equipment Working)

0905 Arrived at site. Checked in at Integrated trailer.
Note: Bailey 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 Isobutylene.

Distribution: Inspection File (orig)
Field File

By [signature]

F-3

**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 amber + 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 .ody/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:

F-43.2 (5-89)



BOE-C6-0142409

**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 | 2370 mL | — | clear | Yes | See COC | |
| DACP1-GW-1-80-D | 4 | liter Amber + VOA's | HCL | NO | 2,050 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., #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
- ☐ 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 805-855-9785

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 | (5) ANALYSES REQUESTED: SVOCs 8270 | VOCs 8260 | T-22 metals 6010 | Pesticides 8080 | 8015 m diesel | | | | Comment/Conditions (Container type, container number, etc.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WEC105-GW-1-80 | 4/8/99 | 1200 | W | 80' | — | | 2wk | X | X | X | X | X | | | | |
| | DACPI-GW-1-80 | ↓ | 1318 | ↓ | 80' | — | | ↓ | X | X | X | X | X | | | | |
| | DACPI-GW-1-80-D | ↓ | 1318 | ↓ | 80' | — | | ↓ | X | X | X | X | X | | | | |
| | Travel Blank | ↓ | — | ↓ | — | — | | ↓ | | X | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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(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 | 4/8/99 | 1910 | Isaac Navarro | [signature] | OCA | 4/9/99 | 15:40 |
| | | | | | | | | | |

BOE-C6-0142412

\MISC\CUSTODY2.FRM

000065.06

**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 Arrived 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) | 1872. | 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**
3565 Maple Street, Suite 226
Ventura, California 93003
805-658-0607
FAX 805-650-1522

Contractor —

Supt. on Job Shane Scrimshire

Weather Overcast, Breezy

Temperature 65 °F Max 60 °F Min

Work Hours 1300 to 1450 Memos Issued

Photos —

Sheet 1 of 1

Date 5-20-99

Project Boeing C-6

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 + TD. 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, VOAs, 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: Rus 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 | 4050 | 8015 Pest. | 8015 gas diesel | EGR Metals | | | REMARKS/PRECAUTIONS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| THW17-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-C6-0142418

KENNEDY/JENKS CONSULTANTS

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☐ 530 South 338th 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, Sacramento, CA 95827
☐ 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 | 8260 - VOCs | 8270 - SVOCs | 6010 - Metals (22 T-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 | | | | | | | |
| | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |

(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 Nakamal | [signature] | OCA | 3/4/99 | 10:30 |

PAGE 03

ORANGE COAST ANALYTI

03/04/1999 11:39 7148320067

BOE-C6-0142419

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\WSC\CUSTODY2.FRM

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
☐ 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.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WCC9S-GW-1-65 | 3/2/99 | 1550 | GW | 65' | — | HCL | normal | X | X | X | X | X | X | X | | |
| | WCC12S-GW-1-66 | " | 1745 | " | 66' | — | " | " | X | X | X | X | X | X | X | | |
| | Trip Blank - 1 | " | — | T.P. | | | | | X | | | | | | | | |
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(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 |

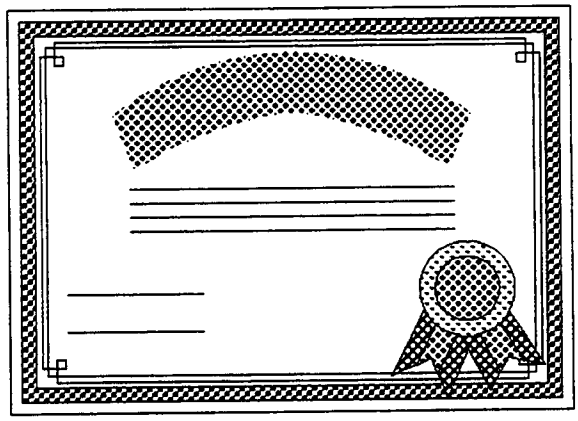
SAMPLE RECEIVED BY:

| Print Name | Signature | Company | Date | Time |
|---|---|---|---|---|
| [signature] | Isaac Nazarian | OCA | 3/3/99 | 10:39 |

# 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

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

***Sample Description:*** Water,

***Laboratory Reference #:*** KJC 10770

***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

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

***Sample Description:*** Water,

***Laboratory Reference #:*** KJC 10770

***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

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

***Sample Description:*** Water, WCC12S-GW-1-66
***Laboratory Sample Number:*** 99030008
***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 | 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. |

Orange Coast Analytical, Inc.

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

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

***Sampled:*** 03/02/99
***Received:*** 03/03/99
***Analyzed:*** 03/03/99-03/05/99
***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 | 0.20 |
| 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

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

***Sample Description:*** Water, WCC12S-GW-1-66
***Laboratory Sample Number:*** 99030008
***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 | 0.11 |
| 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

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

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

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

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

***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.

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, #380, 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 Boring 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.

(5) ANALYSES REQUESTED

| (1) Lab ID No. | (1) Client ID No. | COLLECTION Date | Time | (2) Type | Depth | (3) Comp. | (4) Pres. | Turn Around | 8260 VOCs | 8270 SVOCs | T-22 metals/Lead | Chromium/Nickel | 7471 Mercury | 8080 Pesticides | 8015 gas + diesel | | Comment/Condition (Container type, container number, etc.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WCC9S-GW-1-65 | 3/1/99 | 1550 | GW | 65' | — | HCL | normal | X | X | X | X | X | X | X | | |
| | WCC12S-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] | Isane Nakano | OCA | 3/3/99 | 10:39 |

PAGE 02

ORANGE COAST ANALYTI

BOE-C6-0142446

**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

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

***Sample Description:*** Water,

***Laboratory Reference #:*** KJC 10774

***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

**Sampled:** 03/03/99
**Received:** 03/04/99
**Analyzed:** 03/05/99
**Reported:** 03/08/99

**Sample Description:** Water, TMW10-GW-1-68
**Laboratory Sample Number:** 99030028
**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 | 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

***Sampled:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/05/99
***Reported:*** 03/08/99

***Sample Description:*** Water, TMW12-GW-1-70
***Laboratory Sample Number:*** 99030030
***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 | 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

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

***Sample Description:*** Water, TMW13-GW-1-70
***Laboratory Sample Number:*** 99030031
***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, 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

***Sampled:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/04/99-03/05/99
***Reported:*** 03/08/99

***Sample Description:*** Water, TMW10-GW-1-68
***Laboratory Sample Number:*** 99030028
***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 | 0.018 |
| 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

***Sampled:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/04/99-03/05/99
***Reported:*** 03/08/99

***Sample Description:*** Water, TMW11-GW-1-68
***Laboratory Sample Number:*** 99030029
***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 | 0.40 |
| 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

***Sampled:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/04/99-03/05/99
***Reported:*** 03/08/99

***Sample Description:*** Water, TMW12-GW-1-70
***Laboratory Sample Number:*** 99030030
***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 | 0.32 |
| 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

***Sampled:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/04/99-03/05/99
***Reported:*** 03/08/99

***Sample Description:*** Water, TMW13-GW-1-70
***Laboratory Sample Number:*** 99030031
***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 | 0.14 |
| 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

***Sample Description:*** Water, TMW15-GW-1-79
***Laboratory Sample Number:*** 99030033
***Laboratory Reference #:*** KJC 10774

***Sampled:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/04/99-03/05/99
***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 | 0.019 |
| 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

***Sampled:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/05/99
***Reported:*** 03/08/99

***Sample Description:*** Water, TMW10-GW-1-68
***Laboratory Sample Number:*** 99030028
***Laboratory Reference #:*** KJC 10774

***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

***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

***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:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/05/99
***Reported:*** 03/08/99

***Sample Description:*** Water, TMW14-GW-1-80
***Laboratory Sample Number:*** 99030032
***Laboratory Reference #:*** KJC 10774

***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:*** 03/03/99
***Received:*** 03/04/99
***Analyzed:*** 03/05/99
***Reported:*** 03/08/99

***Sample Description:*** Water, TMW15-GW-1-79
***Laboratory Sample Number:*** 99030033
***Laboratory Reference #:*** KJC 10774

***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 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 89502
☐ 3336 Bradshaw Rd., #149, Sacramento, CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1080 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 | Time | (2) Type | Depth | (3) Comp. | (4) Pres. | Turn around | 8260 - VOCs | 8270 - SVOCs | 6010 - 22 T-SS Metals | 7196 - Chromium | 7471 - Mercury | 8080 - Pesticides | 8015 - Gas + Diesel | Comment/Conditions (Container type, container number, etc.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TMW10-GW-1-68 | 3/4/99 | 0915 | W | | | HCl | Normal | 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 |
| | | | | |

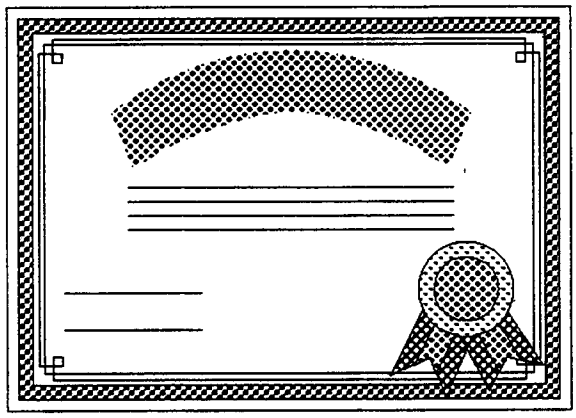
PAGE 03

ORANGE COAST ANALYTI

BOE-C6-0142494

\\WBC\CUSTODY2.FM

**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

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/08/99
***Reported:*** 03/11/99

***Sample Description:*** Water,

***Laboratory Reference #:*** KJC 10776

***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

***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

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

**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

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

**Sampled:** 03/04/99
**Received:** 03/05/99
**Analyzed:** 03/08/99
**Reported:** 03/11/99

**Sample Description:** Water, TMW9-GW-1-70
**Laboratory Sample Number:** 99030040
**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 | 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

***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

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

***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

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

***Sample Description:*** Water, WCC11S-GW-1-70
***Laboratory Sample Number:*** 99030039
***Laboratory Reference #:*** KJC 10776

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/08/99
***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, 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

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/08/99
***Reported:*** 03/11/99

***Sample Description:*** Water, TMW9-GW-1-70
***Laboratory Sample Number:*** 99030040
***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, 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

***Sample Description:*** Water, TMW6-GW-1-70
***Laboratory Sample Number:*** 99030041
***Laboratory Reference #:*** KJC 10776

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/08/99
***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, 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. |

Orange Coast Analytical, Inc.

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. |

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.

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:*** 03/05/99
***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

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/09/99
***Reported:*** 03/11/99

***Sample Description:*** Water, WCC7S-GW-1-70
***Laboratory Sample Number:*** 99030037
***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

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/09/99
***Reported:*** 03/11/99

***Sample Description:*** Water, WCC4S-GW-1-70
***Laboratory Sample Number:*** 99030038
***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

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/09/99
***Reported:*** 03/11/99

***Sample Description:*** Water, WCC11S-GW-1-70
***Laboratory Sample Number:*** 99030039
***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

***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

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/09/99
***Reported:*** 03/11/99

***Sample Description:*** Water, TMW6-GW-1-70
***Laboratory Sample Number:*** 99030041
***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

***Sampled:*** 03/04/99
***Received:*** 03/05/99
***Analyzed:*** 03/09/99
***Reported:*** 03/11/99

***Sample Description:*** Water, TMW5-GW-1-70
***Laboratory Sample Number:*** 99030042
***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, 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
2101 East Bayshore Rd., #200, Palo Alto, CA 94303
6190 Neil Road, #300, Reno, NV 89511
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 | 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 | Irvin CA. 92612

Project No. 994001.00 | 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 | 8260 - VOCs | 8015 m - gas | 8015 m - diesel | 6010 - T-22 metals | 7196 - Chromium | 7471 - Mercury | 8080 - Pesticides | 8270 - SVOCs | Comment/Conditions (Container type, container number, etc.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ~~SB~~ IMW WCC55-GW-1-70 | 3/4/99 | 0115 | 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:

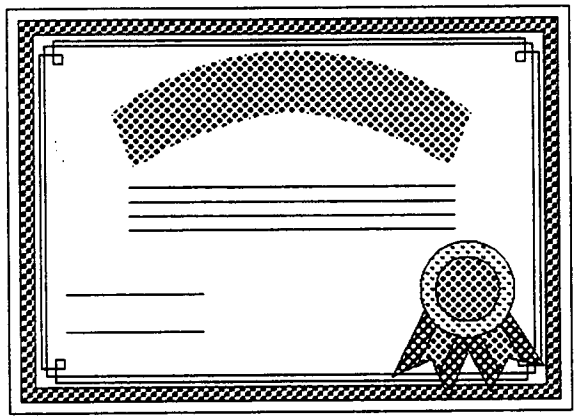
| Print Name | Signature | Company | Date | Time |
|---|---|---|---|---|
| Isabel Navarro | [signature] | DA | 3/5/99 | 10:15 AM |

BOE-C6-0142555

MISC.CUSTODY.FRM

000055 08

**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 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

**Sample Description:** Water, WCC10S-GW-1-80
**Laboratory Sample Number:** 99040058
**Laboratory Reference #:** KJC 10835

**Sampled:** 04/08/99
**Received:** 04/08/99
**Analyzed:** 04/09/99
**Reported:** 04/14/99

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. |

INT M.N.

Orange Coast Analytical, Inc.

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270) (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)* |
|---|---|---|---|
| 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 M.A.

Orange Coast Analytical, Inc.

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

**Sampled:** 04/08/99
**Received:** 04/08/99
**Analyzed:** 04/09/99
**Reported:** 04/09/99

**Sample Description:** Water, DACP1-GW-1-80
**Laboratory Sample Number:** 99040059
**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 | 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.b.

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 _____

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 m.m.

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, WCC10S-GW-1-80
***Laboratory Sample Number:*** 99040058
***Laboratory Reference #:*** KJC 10835

***Sampled:*** 04/08/99
***Received:*** 04/08/99
***Analyzed:*** 04/12/99
***Reported:*** 04/14/99

***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. |
| 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, DACP1-GW-1-80
***Laboratory Sample Number:*** 99040059
***Laboratory Reference #:*** KJC 10835

***Sampled:*** 04/08/99
***Received:*** 04/08/99
***Analyzed:*** 04/12/99
***Reported:*** 04/14/99

***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. |
| 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

***Sampled:*** 04/08/99
***Received:*** 04/08/99
***Analyzed:*** 04/13/99
***Reported:*** 04/14/99

***Sample Description:*** Water,

***Laboratory Reference #:*** KJC 10835

***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.M.

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 m.n.

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_____

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.N.

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/JENKS CONSULTANTS

*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
2181 East Bayshore Rd., #200, Palo Alto, CA 94303
6190 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 | (5) ANALYSES REQUESTED: SVOCs 8270 | VOCs 8260 | T-22 metals 6010 | Pesticides 8080 | EDTS in diesel | | | | Comment/Conditions (Container type, container number, etc.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WCC105-GW-1-80 | 4/6/99 | 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 | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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(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 | 4/6/99 | 1510 |
| | | | | |

SAMPLE RECEIVED BY:

| Print Name | Signature | Company | Date | Time |
|---|---|---|---|---|
| Isaac Navarro | [signature] | OCA | 4/6/99 | 15:40 |
| | | | | |

BOE-C6-0142580

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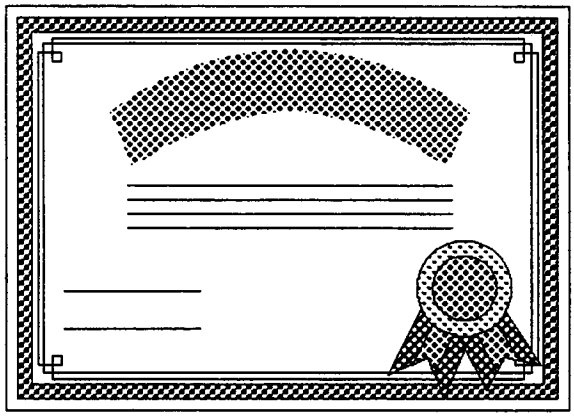
**ORANGE COAST ANALYTICAL, INC.**
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970



*ORANGE COAST ANALYTICAL THANKS YOU FOR YOUR BUSINESS*

*THE FOLLOWING PAGES ARE THE ANALYSIS REPORT*

*ON THE SAMPLES YOU REQUESTED.*

*IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT*

*PLEASE FEEL FREE TO CONTACT US.*

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

# LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

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

***Sample Description:*** Water, TMW7-GW-1-70
***Laboratory Sample Number:*** 99030058
***Laboratory Reference #:*** KJC 10779

***Sampled:*** 03/05/99
***Received:*** 03/06/99
***Analyzed:*** 03/09/99
***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 | 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

***Sampled:*** 03/05/99
***Received:*** 03/06/99
***Analyzed:*** 03/09/99
***Reported:*** 03/15/99

***Sample Description:*** Water, WCC3D-GW-1-80
***Laboratory Sample Number:*** 99030061
***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 | 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

***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

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

***Sampled:*** 03/05/99
***Received:*** 03/06/99
***Analyzed:*** 03/11/99
***Reported:*** 03/15/99

***Sample Description:*** Water, TMW1-GW-1-70
***Laboratory Sample Number:*** 99030057
***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, 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. |

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. |

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. |

Orange Coast Analytical, Inc.

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

***Sampled:*** 03/05/99
***Received:*** 03/06/99
***Analyzed:*** 03/08-10/99
***Reported:*** 03/15/99

***Sample Description:*** Water, TMW1-GW-1-70
***Laboratory Sample Number:*** 99030057
***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 | 0.27 |
| 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

***Sampled:*** 03/05/99
***Received:*** 03/06/99
***Analyzed:*** 03/08-10/99
***Reported:*** 03/15/99

***Sample Description:*** Water, TMW7-GW-1-70
***Laboratory Sample Number:*** 99030058
***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 | 0.089 |
| 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

***Sample Description:*** Water, TMW3-GW-1-70
***Laboratory Sample Number:*** 99030060
***Laboratory Reference #:*** KJC 10779

***Sampled:*** 03/05/99
***Received:*** 03/06/99
***Analyzed:*** 03/08-10/99
***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 | 0.094 |
| 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

***Sampled:*** 03/05/99
***Received:*** 03/06/99
***Analyzed:*** 03/08-10/99
***Reported:*** 03/15/99

***Sample Description:*** Water, WCC3D-GW-1-80-D
***Laboratory Sample Number:*** 99030062
***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 | 0.092 |
| 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
☐ 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 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 | Lab Destination Orange Coast Analytical

Source of Samples Boeing C-6 | Company Kennedy / Jenks | Address _____

Sampler Name Shane Scrimshire | Address 2151 Michelson Dr. #100 | _____

Phone 949-261-1577 | Irvine CA. 92612 | Phone _____

Project No. 994001.00 | Phone 949-261-1577 | 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-C6-0142629

**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

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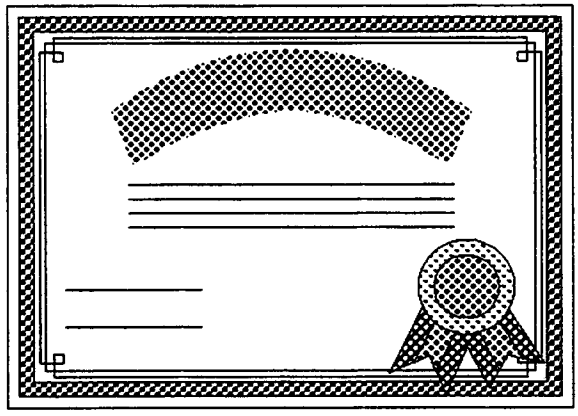

*ORANGE COAST ANALYTICAL THANKS YOU FOR YOUR BUSINESS*

*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

***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

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

***Sample Description:*** Water, TMW2-GW-1-70
***Laboratory Sample Number:*** 99030066
***Laboratory Reference #:*** KJC 10780

***Sampled:*** 03/06/99
***Received:*** 03/06/99
***Analyzed:*** 03/10/99
***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 | 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

**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

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

***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

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

***Sampled:*** 03/06/99
***Received:*** 03/06/99
***Analyzed:*** 03/10/99
***Reported:*** 03/15/99

***Sample Description:*** Water, Field Blank-1
***Laboratory Sample Number:*** 99030069
***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 | 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. |

Orange Coast Analytical, Inc.

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

***Sampled:*** 03/06/99
***Received:*** 03/06/99
***Analyzed:*** 03/11/99
***Reported:*** 03/15/99

***Sample Description:*** Water, TMW2-GW-1-70
***Laboratory Sample Number:*** 99030066
***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, 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

***Sampled:*** 03/06/99
***Received:*** 03/06/99
***Analyzed:*** 03/11/99
***Reported:*** 03/15/99

***Sample Description:*** Water, Rinsate Blank-1
***Laboratory Sample Number:*** 99030067
***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, 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. |

Orange Coast Analytical, Inc.

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

***Sampled:*** 03/06/99
***Received:*** 03/06/99
***Analyzed:*** 03/11/99
***Reported:*** 03/15/99

***Sample Description:*** Water, Field Blank-1
***Laboratory Sample Number:*** 99030069
***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, 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.

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

***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, TMW2-GW-1-70
***Laboratory Sample Number:*** 99030066
***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

***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

***Sampled:*** 03/06/99
***Received:*** 03/06/99
***Analyzed:*** 03/10/99
***Reported:*** 03/15/99

***Sample Description:*** Water, Field Blank-1
***Laboratory Sample Number:*** 99030069
***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.

## 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.

:ENNEDY/JENKS ^^NSULTANTS

*:AMPLE CHAIN-Or-CUSTODY ANALYSIS REQUEST*


'00 New Stine Rd., #116, Bakersfield, CA 93309
30 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 8950
[.] 3336 Bradshaw Rd., #140, Sacramento, .6827
[.] 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 | 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.

AMPLE RELINQUISHED BY:

| Print Name | Signature | Company | Date | Time |
|---|---|---|---|---|
| Shane Scrimshire | Shane Scrimshire | K/J | 3/6/99 | 1435 |
| | | | | |

SAMPLE RECEIVED BY:

| Print Name | Signature | Company | Date | Time |
|---|---|---|---|---|
| MARK NOORANI | Mark Noorani | OCA | 3/6/99 | 14:45 |
| | | | | |

BOE-C6-0142676

ISCCUSTODY2.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