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 I

APRIL 2000

Prepared for:

BOEING REALTY CORPORATION
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K/J 994001.00

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2 FIELD METHODS

This section of the report describes the methods and procedures used in the drilling of the temporary groundwater monitoring wells, soil sampling conducted during the drilling process, well construction, well development, groundwater sampling, and analyses. The work was in accordance with the June 1, 1999 "Revision 2 to Technical Work Plan" (Appendix A).

2.1 Drilling and Soil Sampling

Temporary groundwater monitoring wells were drilled at seven locations, designated TMW-10 through TMW-16 on Figure 2. All locations were selected in the field by a Kennedy/Jenks geologist and were checked for possible underground utilities by: 1) a records review, 2) Underground Service Alert (USA) clearance, and 3) geophysical screening. The wells were drilled from January 27 through February 4, 1999.

The drilling of each well was directed in the field by a Kennedy/Jenks geologist; either a California-registered geologist or an experienced geologist working under direction of a California-registered geologist. The geologists prepared boring logs in the field, based on observation of the drilling operation and examination of the soils in the recovered samples and in the auger cuttings. Soils were classified in the field according to the Unified Soil Classification System (USCS) and were recorded on Kennedy/Jenks' standard soil boring logs. Where soil descriptions changed between samples, the contact plotted on the finished logs is placed at the top of the lower sample unless the change was noted during drilling. The finished boring logs are attached in Appendix B.

The drilling contractor was West HazMat Drilling Corporation of Anaheim (License C57-554979). A truck-mounted CME-75 rig was used in this work. All the wells were drilled using 8-inch (nominal O.D.) hollow-stem augers. The CME dry core system was used in TMW-10, -12, -14, and –16 to obtain continuous soil samples from five feet to total depth of the boring.

Total depth of each boring was determined in the field based on the depth of water estimated by the field geologist from examination of the soil samples. Borings were continued to about 20 feet below the estimated water table.

Drive samples were collected during the drilling using a 2-inch I.D. "modified California" split-barrel sampler containing three 6-inch-long stainless steel insert tubes. The sampler was driven by a 140-pound down-hole slide hammer.

Drive samples were taken at nominal depths of 1, 5, 10, 20, 30, 40, and 50 feet below ground surface (bgs). To obtain a soil sample at the capillary fringe, closely-spaced drive samples were taken from several feet above the expected water table until wet soils were encountered. The 6-inch tube best indicating conditions at the capillary fringe was selected for laboratory analysis by the geologist from field examination of these samples. Sample depths, blow counts, and sample recovery are recorded on the boring logs in Appendix B.

The recovered soil samples were divided into three parts. Two parts of each sample were processed for laboratory analyses and field testing, and the remainder was used by the geologist for soil classification.

One 6-inch stainless steel tube was covered with Teflon™ liners and sealed with tight-fitting plastic, end caps and silicone tape, and was stored in an iced cooler for transfer to the analytical laboratory. This typically was the bottom tube, but others were used where needed to provide an intact, undisturbed sample for testing. The intervals tested are indicated on the boring logs in Appendix B. The samples were transferred under chain-of-custody to Orange Coast Analytical, Inc. of Tustin, California (a state-certified laboratory) at the end of each day. These soil samples were analyzed by the following methods, as specified in the work plan:

- Volatile organic compounds (VOCs) by EPA Method 8260
- TPH by EPA Method 8015 for gasoline and diesel
- Semivolatile organic compounds (SVOCs) by EPA Method 8270
- Pesticides by EPA Method 8080
- Title 22 metals by EPA Methods 6010, 7196, and 7471

Laboratory reports from the soil analyses are presented in Appendix C.

A part of each sample was used for field headspace testing. This soil was placed in a ziplock-type polyethylene bag, sealed, and left for several minutes to allow possible organic vapors to be released from the soil and contained in the bag. The headspace in the bag then was tested with a photo-ionization detector (PID) to provide a qualitative measure of the organic vapors in the soil sample. Headspace readings are recorded on the boring logs. The PID also was used to check the drill cuttings and air in the workers' breathing space during drilling for organic vapors.

Soil cuttings were stockpiled at a designated location on the "Facility." The soil stockpiles were placed on a layer of plastic sheeting and covered with plastic sheeting. Soil from each boring was stockpiled separately. Following receipt of laboratory results, clean soil stockpiles were used for backfill onsite and hazardous soils were manifested by BRC and disposed of at an appropriate offsite facility.

Augers, samplers, and other equipment contacting the in-place soils were decontaminated before each use. The augers were decontaminated by steam cleaning. Samplers were decontaminated by washing in a solution of Alconox (or an equivalent) in clean water, and then rinsing with 1) clean water and 2) distilled water. The water from decontamination was contained in Department of Transportation (DOT) 17H/17E drums that were marked accordingly and stored at a designated location on the "Facility".

Well Installation

A temporary groundwater monitoring well was constructed in each borehole promptly after drilling was completed. The wells were constructed of 2-inch Schedule 40 PVC casing and screen; typical construction is shown in Figure 3 and well construction details are summarized in Table 1.

The slot size and sand pack used for well construction were selected to be compatible with the soils in the well completion interval. The continuous dry core samples from TMW-10, -12, -14, and –16 showed that soils in the well completion intervals were predominantly fine silty sand and fine sandy silt. Due to the high percentage of fines in these soils, it was

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necessary to use the well screen with the smallest slots available (0.010-inch) and the compatible sand pack (Lone Star #2/12).

Wells were installed through the hollow stem augers. Each well was constructed with 20 feet of 0.010-slot screen. The screen and casing were suspended in the borehole so that 15 feet of screen was below the estimated water table. A sand pack of Lone Star No. 2/12 sand was placed around the screen as the augers were retracted. Sand was placed to about two feet above top of the screen. During surging, sand was added as needed to keep the top of the filter pack about two feet above the screen. The well was then surged until the sand pack showed no further settlement.

A minimum two-foot layer of medium bentonite chips was placed as a sanitary seal above the sand pack. The bentonite was hydrated in place with clean water. The volumes of water used to hydrate the bentonite seal were recorded on the field logs.

The annulus of each well was filled with neat cement grout from top of the bentonite seal to just below ground surface. This grout was prepared with Type 1 – II Portland cement that was mixed at the surface using clean water from the on-site water service.

Five of the wells (TMW-10 through TMW-13 and TMW-16) are in paved areas and were completed at the surface with flush-mounted well covers (Figure 3). These covers were set in concrete so as to be slightly higher than the surrounding pavement, and thereby to prevent water from ponding above the well. These wells were locked with Morrison compression well plugs and matching padlocks. The two wells in unpaved areas (TMW-14 and TMW-15) were completed at the surface with aboveground locking steel casings, set on concrete pads.

2.2 Well Development

The temporary groundwater monitoring wells were developed no sooner than 48 hours after installation. Wells TMW-10 through 16 were developed on February 5 through 9, 1999. The well development records are attached in Appendix D.

Water levels and total well depths were sounded before beginning development. The wells were then surged and bailed using a cable winch system mounted on a sampling van. Surging was completed using a rubber disk mounted on the end of a steel rod. Bailing was performed using a 10-foot long stainless steel bailer.

The bailer and the part of the hoist cable that could contact the well water were decontaminated by steam cleaning before use in each well. The water from decontamination and the water bailed from the wells was contained in DOT 17H/17E drums that were marked accordingly, stored at a designated location on the "Facility," and appropriately manifested by BRC and disposed offsite based on laboratory results.

As specified in the work plan, the volume of water removed from the wells during development was at least the sum of: 1) three wetted casing volumes, and 2) three times the volume of water added during drilling and well construction. The total purge volumes ranged from 38 to 55 gallons and averaged 45 gallons. Well development was continued until consecutive measurements of the field parameters temperature, specific conductance, and pH had stabilized to within 10% of previous readings.

2.3 Groundwater Sampling and Analysis

Groundwater samples were collected from the temporary monitoring wells no sooner than seven days after well development. Wells TMW-10 through TMW-16 were sampled on March 3 - 6, 1999. Field data were recorded on the standard groundwater monitoring forms (Appendix E).

Before purging and sampling each well, depths to water were measured to within 0.01 foot using an electronic water level meter. A complete round of groundwater level measurements was made on April 8, 1999 and included all TMW wells, accessible WCC wells and DAC-P1. The April 8, 1999 water levels are summarized in Table 2 and were used to prepare the groundwater elevation contour map in Figure 4.

The wells were purged and sampled using a Grundfos RediFlo2 pump and single-use polyethylene tubing. The pump, motor lead, safety cable, and tubing were decontaminated before use in each well. The exterior of the pump and the other equipment contacting the well water were washed with a solution of Liquinox in clean water, rinsed with clean water, and then rinsed with distilled water. The pump, with tubing attached, then was placed in a solution of Liquinox in clean water and was run for several minutes to clean the interior of the pump and tubing. The pump then was rinsed by circulating clean water for several minutes. For a second rinse, at least 2.5 gallons of distilled water were pumped through the pump and tubing.

The pump was set at a nominal depth of 75 feet for purging and sampling in each well. The wells were purged of at least three wetted casing volumes by pumping at a slow rate, typically not exceeding 0.5 gallons per minute. Samples of the purged water were tested periodically for the field parameters of temperature, specific conductance, pH, and turbidity. Purging was continued until at least two consecutive measurements of the field parameters, temperature, specific conductance, and pH had stabilized to with 10% of previous readings.

After the purging was completed, the pumping rate was slowed to a rate suitable for filling sample containers, and samples were collected for the parameters specified in the work plan:

- VOCs by EPA Method 8260
- TPH by EPA Method 8015 for gasoline and diesel
- SVOCs by EPA Method 8270
- Pesticides by EPA Method 8080
- Title 22 metals by EPA Methods 6010 and 7471
- Hexavalent chromium (if total chromium exceeded 0.1 mg/l) by EPA Method 7196.

The samples were collected in order of decreasing volatility, per the EPA Technical Enforcement Guidance Document (EPA, 1986) and as listed above. The samples for metals analyses were filtered in the field using Gelman 0.45 µm in-line filter capsules.

One additional measurement of field parameters was made after the samples were collected. After all sampling and field measurements were completed, the pump was removed from the well and the polyethylene tubing and filter capsules were discarded. Water from the decontamination and well purging was contained in DOT 17H/17E drums

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that were marked accordingly, stored at a designated location at the "Facility," and appropriately manifested by BRC and disposed offsite based on laboratory results.

The groundwater samples were placed promptly in an iced cooler. The samples were transferred under chain-of-custody to Orange Coast Analytical, a state-certified laboratory, at the end of each day. Laboratory reports from the groundwater analyses are in Appendix F.

2.4 Quality Assurance

Blank and duplicate samples were used for field quality assurance. One travel blank was used with each set of samples. The travel blank is a vial of contaminant-free water that was prepared by the laboratory and transported with the samples. The travel blank was analyzed by EPA Method 8260 as a check on possible contamination of the samples by contact with volatile organic compounds during transport, storage, or handling. No compounds were detected in these samples.

Equipment rinsate blanks were used as a check on decontamination of the sampling equipment. During the drilling and soil sampling, rinsate blanks were prepared by pouring distilled water over and through a sample barrel, with insert tubes, after it had been decontaminated for use. The water was collected directly in a 40-ml VOA vial and tested for VOCs by EPA Method 8260. The rinsate blank was collected on March 6, 1999 after sampling TMW-2 and decontamination.

One duplicate groundwater sample was collected during the sampling of WCC-3D on March 5, 1999. The duplicate sample was analyzed for all the specified groundwater parameters as a check on sampling and analytical precision. This additional set of sample bottles was filled along with the primary sample, following the same procedures and order. Results from the duplicate samples were in close agreement with the corresponding groundwater sample.

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3 HYDROGEOLOGIC SETTING

This section provides a brief summary of regional and local geology and hydrogeology.

3.1 Regional Hydrogeology

The geology and hydrogeology of the region surrounding the "Facility" were determined mainly from reference to reports published by the U.S. Geological Survey (USGS) (Poland and others, 1959) and the California Department of Water Resources (DWR), (1961). Reference also was made to previous reports prepared by Kennedy/Jenks for the "Facility."

The "Facility" is located on a broad plain at an elevation of approximately 50 feet MSL. The DWR and USGS define this area as the Torrance Plain, a Pleistocene-age marine surface and a subdivision of the Coastal Plain of Los Angeles and Orange Counties. The ground surface in this area is generally flat with an eastward gradient of about 20 feet per mile (less than one-half percent). Surface drainage is generally toward the Dominguez Channel, about a mile to the east. The Dominguez Channel, in turn, flows southeastward toward the Los Angeles and Long Beach Harbors in San Pedro Bay.

The surface sediments in this area are assigned to the Lakewood Formation (DWR, 1961), a unit defined to include essentially all of the upper Pleistocene sediments in the Los Angeles Coastal Plain area. The Lakewood Formation includes deposits of both marine and continental origin, representing stream transport and sedimentation along the Pleistocene marine plain. In the "Facility" area, the Lakewood Formation may include the Semiperched Aquifer, the Bellflower Aquiclude, and the Gage Aquifer. The Semiperched Aquifer includes deposits described as Terrace Cover (Poland et. al., 1959). Extent and thickness of this unit is not rigorously defined, but appears to include the near-surface water-bearing units in the area of the "Facility." The Bellflower Aquiclude is described as a heterogeneous mixture of continental, marine, and wind-blown sediments, mainly consisting of clays with sandy and gravely lenses (DWR, 1961). The base of the Bellflower Aquiclude is about 100 feet below sea level (about 150 feet bgs) in the "Facility" area. The Gage Aquifer is a water-bearing zone of fine to medium sand and gravel confined by the Bellflower Aquiclude. It is reported to be about 40 feet thick in the "Facility" area and is described as being of secondary importance as a water source (DWR, 1961).

The Lakewood Formation is underlain by the Lower Pleistocene San Pedro Formation, which continues to about 1,000 feet in depth in the "Facility" area. Major water-bearing zones within the San Pedro Formation are the Lynwood Aquifer and the Silverado Aquifer. These are reported to be at depths of about 300 and 500 feet, respectively, in the "Facility" area (DWR, 1961). The Silverado is an important groundwater source in the Coastal Plain and is considered a source of drinking water (DWR, 1961).

3.2 Groundwater at the "Facility"

The uppermost groundwater at the "Facility" appears to be under water-table conditions at depths of 60 to 70 feet. Regionally, this uppermost groundwater is probably considered part of the Semiperched Aquifer discussed previously and is separated from the deeper zones by the Bellflower Aquiclude (Kennedy/Jenks, 1997b).

Monitoring wells at the "Facility" are completed in two zones. Most of the wells are completed at or near the semi-perched aquifer, with screened intervals ranging from 60 to

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90 feet bgs. Two deeper wells, WCC-1D and WCC-3D, were completed in a deeper zone with screened intervals from 120 to 140 feet bgs (Woodward-Clyde Consultants, 1990). One well, WCC-1D, has been abandoned.

Records of water-level measurements are included in the quarterly Groundwater Monitoring Summary Reports (Kennedy/Jenks, January 1997b). The hydraulic gradient in the uppermost groundwater is generally toward the south-southeast, toward a local low in the area of wells WCC-7S and WCC-12S.

Groundwater conditions at the "Facility" are known from previous investigations and from the quarterly groundwater monitoring program (Kennedy/Jenks, 1997b). Groundwater samples from monitoring wells at the "Facility" have been sampled and analyzed on a quarterly basis since 1992.

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4 RESULTS

This section summarizes information obtained from drilling and sampling the temporary monitoring wells. Results of this program are discussed in four categories: 1) subsurface geology, 2) groundwater, 3) chemical constituents in soil, and 4) chemical constituents in groundwater.

4.1 Subsurface Geology

The drilling program for the seven temporary groundwater monitoring wells provided soils data on roughly 10-foot intervals to the water surface (around 64 to 66 feet bgs) and general descriptions to total depth of around 86 feet. In general, the new soils data was correlative with the previous soils data and the soils units Q1 through Q5.

- **Unit Q1**: Unit Q1 is a layer of silty clay and sandy clay encountered at the surface or just below the pavement or engineered fill soils over the entire "Facility." This clay is typically dark brown to dark reddish brown in color and medium stiff to hard. It has moderate to high plasticity and is classified as CL or CH under the Unified Soil Classification System (USCS). Unit Q1 has a uniform thickness of about 5 feet along the west side of the "Facility." It thickens to about 22 feet on the northeast corner of the "Facility," but only to about 10 feet in the east-central portion of the "Facility."

- **Unit Q2**: Unit Q2 comprises a sequence of interbedded clayey silt, fine sandy silt, and fine silty sand with minor lenses of silty clay. The predominant USCS classifications are ML, SM and SC and combinations of the three classifications. The Unit Q2 soils are brown and olive brown in color and are generally medium dense. Unit Q2 is about 17 to 20 feet thick and the base is about 22 to 25 feet bgs along the west side of the "Facility." The unit thickens to about 30 to 40 feet at the east side of the "Facility." The base of Unit Q2 also slopes eastward, and occurs at depths of 45 to 50 feet along the northeast side of the "Facility" and greater than 50 feet at the east-central portion of the "Facility."

- **Unit Q3**: Unit Q3 is an interval of fine and very fine sand with only minor silt. Soils in this interval generally are classified as SP and SP-SM under the USCS. This soil unit includes distinctive beds containing abundant shell fragments on the southwest. The sand is mainly light yellowish brown to light yellowish gray in color. It has generally massive structure, and commonly is described as being similar to beach sand. The sand is generally dense, but has essentially no cohesion. Unit Q3 is more than 25 feet thick on the west side of the "Facility," extending from about 20 feet bgs to below the 50-foot depth drilled at the northwest corner of the "Facility." However, in the southern part of the "Facility," Unit Q3 is interlayered with Unit Q4, a wedge of fine silty sand and fine sandy silt.

- **Unit Q4**: Unit Q4 was observed in borings in the southwestern and south-central part of the "Facility." It pinches out in the north-central part of the area and is likely below the depth drilled on the east. Maximum thickness of this soil unit is about 17 feet, on the southwest. Unit Q4 mainly contains fine silty sand (SM) and clayey silt (ML) with thin interbeds of silty clay and fine sand. These soils are generally yellowish brown in color and are medium dense to dense.

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- **Unit Q5:** Unit Q5 is a layer of predominantly silty sand and sandy silt encountered below about 65 feet bgs. The predominant USCS classification if SM. Unit Q5 soils are typically olive brown in color and generally dense. The unit extends to the base of the drilled interval; therefore, no thickness measurements are possible. The top of Unit Q5 appears fairly consistent in a north-south direction, but tends to get deeper going from west to east.

4.2 Groundwater

Groundwater was encountered under water-table conditions at depths of 61 to 73 feet bgs in the TMW wells, the accessible WCC wells, and DAC-P1. The water levels are listed in Table 2. Figure 4 is a water-level contour map based on the complete round of water level measurements taken on April 8, 1999. The contours in Figure 4 indicate a quite flat hydraulic gradient toward the southeast at 0.001 ft/ft (5 feet per mile). This gradient is similar to that determined from previous water-level measurements at the "Facility" (e.g., Kennedy/Jenks, 1997b and 1999).

4.3 Chemical Constituents in Soil

The soil samples were analyzed for the following parameters:

- VOCs by EPA Method 8260
- TPH by EPA Method 8015 for gasoline and diesel
- SVOCs by EPA Method 8270
- Pesticides by EPA Method 8080
- Title 22 metals by EPA Methods 6010 and 7471
- Hexavalent chromium (if total chromium exceeded 0.1 mg/kg) by EPA Method 7196.

The laboratory reports for soils analyses are included in Appendix C. A summary of analytical detections is presented on Table 3. Extractable (TPHd) and volatile (TPHg) petroleum hydrocarbons were not detected in any of the 52 soil samples. One semi-volatile organic compound was detected in only one soil sample; diethylphthalate in TMW-12 at 40 feet bgs.

Two locations, TMW-11 and TMW-15, had detections of pesticides in the samples from one-foot bgs. 4,4-DDD, 4,4-DDE and 4,4-DDT were detected at TMW-11 at 90, 130, and 65 µg/kg, respectively, and at TMW-15 at 2.2, 6.2, and 4.7 µg/kg, respectively.

VOCs were detected in 10 of the 52 soil samples. VOCs were not detected in TMW-10 and TMW-14. TMW-11 had one detection, 20 µg/kg of chloroform, in the capillary fringe sample taken at 63 feet bgs. TMW-13 also had one detection of chloroform, but not in the capillary sample. Chloroform was detected in TMW-13 at 3.0 µg/kg at 50 feet bgs. TMW-15 had one detection of VOCs, 3.0 µg/kg of TCE, at 55 feet bgs. TMW-16 had two detections of naphthalene, 3.1 µg/kg and 3.7 µg/kg, at 25 and 30 feet bgs, respectively. These data suggest there are no local sources of VOCs in the vicinities of TMW-10 through TMW-16.

Metals detected in the soil samples are summarized in Table 4. Metals detected in these soil samples were generally similar to those detected during previous monitoring events. Barium, chromium (total), cobalt, copper, nickel, vanadium, and zinc were detected in nearly

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all the samples from the temporary monitoring wells, and were detected in all the samples from the previous exploration (Kennedy/Jenks, 1999).

Arsenic, beryllium, lead, and molybdenum were detected in most of the soil samples from temporary monitoring wells TMW-10 through TMW-16. This group of metals is similar to those detected in TMW-1 through TMW-9 soils, but the molybdenum is not. Arsenic was reported at generally low levels, mainly less than 9 mg/kg. These concentrations are within the typical natural range for soils (Table 5) and are substantially below the TTLC of 500 mg/kg. The arsenic concentrations also were generally uniform laterally and vertically in this area, indicating that the arsenic is most likely a natural constituent in these soils.

Beryllium was reported at very low concentrations, up to a maximum of 0.89 mg/kg. These concentrations are at the low end of the common range in soils (Table 5) and a small fraction of the TTLC. The beryllium concentrations also were generally uniform vertically and laterally, and appear to be a natural occurrence.

Lead was detected in all the soil samples at low concentrations, less than 8.6 mg/kg. These lead concentrations are at the low end of the common range in soils (Table 5) and do not approach the TTLC. The generally uniform concentrations of lead in these samples indicate that it is most likely a natural constituent in the soil.

Mercury was detected in soils from TMW-10 from 1 foot to 50 feet bgs at concentrations ranging from 0.14 µg/kg at 1-foot bgs to 0.45 µg/kg at 5 feet bgs. There was one detection of cadmium of 0.82 µg/kg in TMW-10 at 30 feet bgs. Molybdenum was detected once in TMW-10 at 10 feet bgs (1.2 µg/kg), once in TMW-11 at 40 feet bgs (1.1 µg/kg), once in TMW-13 at 20 feet bgs (1.0 µg/kg), and twice in TMW-15 at 25 feet bgs (1.1 µg/kg) and 71 feet bgs (1.5 µg/kg). Molybdenum was detected throughout the soil column in TMW-14 and TMW-16 with concentrations ranging from non-detect to 1.7 µg/kg. All of these metals were reported at levels much lower than the TTLC or 10 times the STLC.

4.4 Chemical Constituents in Groundwater

Groundwater samples from the temporary monitoring wells were analyzed for the parameters that were specified in the work plan:

- VOCs by EPA Method 8260
- TPH by EPA Method 8015 for gasoline and diesel
- SVOCs by EPA Method 8270
- Pesticides by EPA Method 8080
- Title 22 metals by EPA Methods 6010 and 7471
- Hexavalent chromium (if total chromium exceeded 0.1 mg/l) by EPA Method 7196

The groundwater laboratory reports are attached in Appendix F and the compounds detected are summarized in Table 6. Pesticides and extractable fuel hydrocarbons (TPH diesel) were not detected in any of the samples. SVOCs generally were not detected; only bis (2ethylhexyl) phthalate (a common plasticizer found in laboratory equipment) was reported in the samples from TMW-15 and TMW-16 at 5.5 and 6.2 µg/l, respectively. 2-Methylphenol, 4-methylphenol, and phenol were detected in WCC-3S at 12, 9.4, and 7.9 µg/l, respectively. Volatile fuel hydrocarbons (TPH gasoline) were reported in a majority of

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the wells, ranging from 0.053 mg/l in WCC-11S to 60 mg/l in WCC-3S, and generally were higher in the samples having higher levels of VOCs. Results of the VOC and metals analyses for groundwater are discussed in the following subsections.

4.4.1 Volatile Organic Compounds in Groundwater

VOCs were detected in groundwater from all 16 TMW wells and the eight WCC wells sampled in March 1999, and in wells WCC-10S and DAC-P1 sampled in April 1999 (Table 5 and Figure 5). TCE and 1,1-DCE occurred at the highest concentrations. TCE was detected in all wells sampled. 1,1-DCE was detected in TMW-1 through 9, TMW-15, and all WCC wells.

The TCE and 1,1-DCE were also accompanied by the same related compounds, including cis-1,2-DCE, Trans-1,2-DCE, 1,2-DCA, and 1,1,1-TCA. These compounds were detected in differing combinations and proportions, indicating the possibility of originating from more than one source as suggested in the previous groundwater monitoring report for wells TMW-1 through 9 (Kennedy/Jenks, 1999).

The highest VOC concentrations were detected in groundwater from TMW-2 (Table 5 and Figure 5). As noted previously, this well is in an area where high levels of VOCs were reported in previous investigations. Groundwater from TMW-2 contained TCE and 1,1-DCE at 37,000 µg/l and 39,000 µg/l, respectively. The TWW-2 groundwater also contained chloroform (250 µg/l), 1,1-DCE (1,600), trans-1,2-DCE (600 µg/l), cis-1,2-DCE (660 µg/l), and 1,1,1-TCA (4,300 µg/l).

Analyses of groundwater from the TMW wells and WCC wells located southeast and east of TMW-2 detected the same group of compounds, although at lower concentrations. The samples from TMW-1, 4, 7, 8, and WCC-3S, 4S, 7S, 9S, 11S, and 12S all contained TCE and 1,1-DCE along with some or all of the following: trans-1,2-DCE, cis-1,2-DCE, 1,1,1-TCA, 1,1-DCA, and chloroform. Groundwater from these wells suggests a possible similarity in source.

VOC concentrations in nearby wells TMW-1 and TMW-9 were markedly lower than in TMW-2. TCE and 1,1-DCE in water from TMW-1 were only 320 and 330 µg/l, respectively. However, the water seems similar in character to that from TMW-2.

The samples from wells TMW-3, TMW-5, and TMW-6, in the west and south parts of Building 2, contained VOCs in different combinations than seen at well TMW-2. Water from TMW-3 and TMW-5 contained elevated TCE (8,200 and 4,500 µg/l) with much lower levels of 1,1-DCE (210 and 500 µg/l). The suite of additional VOCs associated with wells around TMW-2 was not present in wells in this area.

Chloroform was detected in many of the wells but seems concentrated along the south side of Building 2 with the highest concentration, 3,100 µg/l at TMW-12.

4.4.2 Metals in Groundwater

Barium, chromium (total), and zinc were detected in the majority of groundwater samples from the TMW wells, the accessible WCC wells, and DAC-P1 (Table 5). Copper, nickel, and vanadium were detected in TMW-15; vanadium was also detected in TMW-16; and

chromium (VI) was detected in TMW-2 and DAC-P1. The remaining Title 22 metals were not detected.

Barium was reported at 0.049 (TMW-5) to 0.40 (TMW-11) mg/l. These values are well below the drinking water standard of 1 mg/l. It is notable that barium concentrations were not unusually high in the capillary-fringe soil samples from these locations.

Chromium (total) was reported in 19 of the 27 groundwater samples at concentrations ranging from 0.010 (TMW-14) to 0.260 (TMW-2) mg/l. These values are all below the drinking water standard of 0.05 mg/l except at TMW-2. The groundwater from TMW-2 also contained hexavalent chromium at 0.22 mg/l. Hexavalent chromium was not detected in the soil sample from the capillary fringe in TMW-2, and total chromium concentrations were not unusually high.

Zinc was detected in the majority of groundwater samples ranging from 0.013 mg/l at WCC-7S to 0.058 mg/l at TMW-15. These values are a small fraction of the 5-mg/l drinking water standard.

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5 SUMMARY

Seven new temporary groundwater monitoring wells were installed, developed and sampled in the area around the outside of building 1 on the "Facility." Soil samples were collected at intervals from one foot below the base of the surface covering to the capillary fringe at around 65 feet bgs during well installation. One round of groundwater samples was collected and analyzed during this investigation, and included all 16 TMW wells, 10 WCC wells and DAC-P1.

Overall, the soils and groundwater data are in good agreement with chemicals of concern and their distribution in the subsurface identified in previous characterization studies performed on the "Facility." The south-southeast groundwater flow direction and low gradient are also consistent with the results of previous investigations.

- TPH-gasoline and diesel were not detected in any of the 52 soil samples.
- One SVOC, diethylphthalate, was detected at 180 µg/kg in one soil sample from TMW-12 at 40 feet bgs.
- The pesticides 4,4-DDD, 4,4-DDE, and 4,4-DDT were detected in the one-foot bgs sample at TMW-11 at 90, 130, and 65 µg/kg and TMW-15 at 2.2, 6.2, and 4.7 µg/kg, respectively.
- TCE was only detected in one soil sample from TMW-15 in the 55-feet bgs sample at a concentration of 3.0 µg/kg.
- Chloroform was detected in one sample from TMW-11 and one sample from TMW-13. The highest concentration was 20 µg/kg.
- Metals detected in the soils were generally similar to the metals detected from previous extensive site investigations. Barium, chromium (total), cobalt, copper, nickel, vanadium, and zinc were detected in nearly all the soil samples, and at concentrations in about the same range as previously reported.
- In addition, arsenic, beryllium, and lead were detected in most of the soil samples from temporary monitoring wells TMW-10 through TMW-16 at concentrations, similar to those detected in TMW-1 through TMW-9. All were detected at low concentrations within the natural range for soils and are well below the appropriate TTLC levels, and are generally uniform vertically and laterally, suggesting a natural occurrence.
- Cadmium, mercury, and molybdenum were reported at low levels in a few soil samples. Mercury was detected throughout the soil column at TMW-10. There was one detection of cadmium in TMW-10 at 30 feet bgs. Molybdenum was detected once each in TMW-10, 11, and 13; twice in TMW-15; and throughout the soil column at TMW-14 and 16. All detections are slightly above the common range in soils but are at concentrations much lower than the TTLC or 10 times the STLC.
- The depth to first groundwater, the groundwater flow direction and the groundwater gradient are in accord with the previously determined direction and gradient from the existing onsite monitoring well network. Groundwater is first encountered between 61

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and 73 feet bgs. The flow direction is approximately south-southeast with a relatively flat gradient of about 0.001 ft/ft (about 5 feet per mile).

- TPH-diesel and pesticides were not detected in any groundwater samples.
- TPH-gasoline was detected in a majority of the groundwater samples ranging from 0.053 mg/l at WCC-11S to 60 mg/l at WCC-3S.
- VOCs were detected in all groundwater samples. TCE and 1,1-DCE had the highest concentrations detected at TMW-2 at 39,000, and 36,000 µg/l, respectively. Detections of 1,1,1-TCA, cis-1,2-DCE, and trans-1,2-DCE were also associated with the TCE and 1,1-DCE. Many of the wells located south to east of TMW-2, including TMW-1, 4, 7, and 8, and WCC-3S, 4S, 7S, 9S, 11S, and 12S had similar distributions of related chemicals suggesting a single source area.
- Wells TMW-3, TMW-5, and TMW-6 and others along the west side of Building 2 contained VOCs, too, but in different combinations than at TMW-2. The concentrations of TCE was much higher than 1,1-DCE in these wells. The suite of additional VOCs associated with wells around TMW-2 was not present in the wells in this area.
- Chloroform was detected in many of the wells but seems concentrated along the south side of Building 2 with the highest concentration, 3,100 µg/l, at TMW-12.

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6 REFERENCES

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TABLES

TABLE 1
MONITORING WELL CONSTRUCTION DETAILS

BOEING REALTY COMPANY, C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 994001.00

Well	Date Constructed	Well Diameter (inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)		Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
				Top	Bottom			
WCC-3S[1]	10/26/1987	4	92	69	89	64	Schedule 40 PVC, 0.010-Inch Slots	Shallow
WCC-4S[1]	10/27/1987	4	91.5	70.5	90.5	65	Schedule 40 PVC, 0.010-Inch Slots	Shallow
WCC-5S[1]	11/24/1987	4	91	60.5	91	58.5	Schedule 40 PVC, 0.010-Inch Slots	Shallow
WCC-6S[2]	09/22/1989	4	91	60	90	N/A[3]	Schedule 40 PVC, 0.010-Inch Slots	Shallow
WCC-7S[2]	06/08/1989	4	90.5	60	90	54	Schedule 40 PVC, 0.010-Inch Slots	Shallow
WCC-9S[2]	09/21/1989	4	91.5	60	90	55	Schedule 40 PVC, 0.010-Inch Slots	Shallow
WCC-10S[2]	06/07/1989	4	90.8	60	90	54	Schedule 40 PVC0.010-Inch Slots	Shallow
WCC-11S[2]	N/A	4	N/A	60	90	N/A	Schedule 40 PVC, 0.010-Inch Slots	Shallow
WCC-12S[2]	N/A	4	N/A	60	90	N/A	Schedule 40 PVC, 0.010-Inch Slots	Shallow
WCC-3D[2]	06/27/1989	4	140	120	140	114	Schedule 40 PVC, 0.010-Inch Slots	Deeper
DAC-P1[1]	09/25/1989	4	N/A	60	90	N/A	Schedule 40 PVC0.010-Inch Slots	Shallow
TMW-1	06/28/1998	2	86	61	81	59	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-2	06/28/1998	2	87	62	82	57	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-3	07/21/1998	2	87	62.5	82.5	60	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-4	06/30/1998	2	86	60	80	58	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-5	07/02/1998	2	86	61.3	81.3	58.9	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-6	07/01/1998	2	86	61.2	81.2	59.1	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-7	06/29/1998	2	89.5	64	84	62	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-8	06/29/1998	2	89.5	61	81	59	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-9	06/30/1998	2	86	61	81	59	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-10	01/28/1999	2	85	60.5	80.5	57.6	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-11	02/01/1999	2	83	58	78	54.5	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-12	01/27/1999	2	88	62	82	59.3	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-13	02/02/1999	2	85	60	80	58	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-14	02/03/1999	2	90	65	85	63	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-15	02/04/1999	2	92	62	87	60	Schedule 40 PVC, 0.010-Inch Slots	Shallow
TMW-16	01/29/1999	2	82.5	56.5	76.5	54.5	Schedule 40 PVC, 0.010-Inch Slots	Shallow

NOTES:
1. Data from Woodward-Clyde Consultants Phase II Report, May 1988
2. Data from Woodward-Clyde Consultants Phase III Report, March 1990
3. N/A = Not Available

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION DATA

BOEING REALTY COMPANY, C-6 FACILITY
LOS ANGELES, CALIFORNIA
K/J 994001.00

Well	Reference Point Elevation (Feet Above MSL)	8 April, 1999	
		Depth[3]	Elevation
WCC-3S	51.16	64.61	-13.45
WCC-4S	49.65	63.08	-13.43
WCC-5S	48.84	62.23	-13.39
WCC-6S	51.32	65.03	-13.71
WCC-7S	50.23	63.81	-13.58
WCC-9S	46.93	60.78	-13.85
WCC-10S	58.17	70.84	-12.67
WCC-11S	51.37	64.01	-12.64
WCC-12S	46.93	60.82	-13.89
WCC-3D	51.16	64.76	-13.60
DAC-P1	58.85	71.72	-12.87
BL-1	58.34	70.84	-12.50
BL-2	58.15	71.48	-13.33
BL-3	59.33	73.31	-13.98
BL-4	55.04	69.61	-14.57
BL-5	55.18	67.86	-12.68
BL-6	54.7	67.70	-13.00
BL-7	55.19	68.81	-13.62
BL-8	57.13	71.61	-14.48
TMW-1	51.24	64.76	-13.52
TMW-2	51.18	64.59	-13.41
TMW-3	51.07	65.21	-14.14
TMW-4	50.35	64.63	-14.28
TMW-5	50.12	64.71	-14.59
TMW-6	50.13	64.68	-14.55
TMW-7	51.12	65.06	-13.94
TMW-8	51.06	64.90	-13.84
TMW-9	51.21	65.08	-13.87
TMW-10	47.52	61.77	-14.25
TMW-11	47.47	62.28	-14.81
TMW-12	50.85	65.73	-14.88
TMW-13	50.91	65.68	-14.77
TMW-14	58.21	72.91	-14.70
TMW-15	55.26	69.30	-14.04
TMW-16	50.91	63.80	-12.89

Notes:

Reference point is north side, top of well casing

Depth in feet below reference point.

TABLE 3
SUMMARY OF DETECTIONS OF TOTAL PETROLEUM HYDROCARBONS VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS, AND PESTICIDES IN SOILS

Boeing Realty Company, C-6 Facility
Los Angeles, California
K/J 994001.00

			TPH EPA 8015M (mg/kg)		VOCs EPA 8260 (µg/kg)			SVOCs EPA 8270 (µg/kg)	Pesticides EPA 8080 (µg/kg)		
Area	Well	Depth (ft bgs)	TPH-Gasoline	TPH- Diesel	Chloroform	Trichloroethene	Naphthalene	Diethyl phthalate	4,4'-DDD	4,4'-DDE	4,4''-DDT
		Detection Limit	5.0	8.0	2.5	2.5	2.5	100	2.0	5.0	1.0
Outside Bldg. 66	TMW-10	1									
	TMW-10	5									
	TMW-10	10									
	TMW-10	20									
	TMW-10	30									
	TMW-10	50									
	TMW-10	65									
Outside Bldg. 66	TMW-11	1							90	130	65
	TMW-11	5									
	TMW-11	10									
	TMW-11	20									
	TMW-11	30									
	TMW-11	40									
	TMW-11	50									
	TMW-11	63			20						
Outside Bldg. 2	TMW-12	2									
	TMW-12	5									
	TMW-12	20			6.2						
	TMW-12	30			17						
	TMW-12	40			15			180			
	TMW-12	50			25						
	TMW-12	67			400	<50	<50				
Outside Bldg. 2	TMW-13	1									
	TMW-13	5									
	TMW-13	10									
	TMW-13	20									
	TMW-13	30									
	TMW-13	40									
	TMW-13	50			3.0						
	TMW-13	65									

TABLE 3
SUMMARY OF DETECTIONS OF TOTAL PETROLEUM HYDROCARBONS VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS, AND PESTICIDES IN SOILS

Boeing Realty Company, C-6 Facility
Los Angeles, California
K/J 994001.00

			TPH EPA 8015M (mg/kg)		VOCs EPA 8260 (µg/kg)			SVOCs EPA 8270 (µg/kg)	Pesticides EPA 8080 (µg/kg)		
Area	Well	Depth (ft bgs)	TPH-Gasoline	TPH- Diesel	Chloroform	Trichloroethene	Naphthalene	Diethyl phthalate	4,4'-DDD	4,4'-DDE	4,4''-DDT
		Detection Limit	5.0	8.0	2.5	2.5	2.5	100	2.0	5.0	1.0
Outside Bldg. 3	TMW-14	11									
	TMW-14	16									
	TMW-14	21									
	TMW-14	31									
	TMW-14	41									
	TMW-14	51									
	TMW-14	61									
	TMW-14	71									
Outside Bldg. 3	TMW-15	5							2.2	6.2	4.7
	TMW-15	10									
	TMW-15	20									
	TMW-15	25									
	TMW-15	35									
	TMW-15	45									
	TMW-15	55				3.0					
	TMW-15	71									
Outside Bldg. 20	TMW-16	10									
	TMW-16	25					3.1				
	TMW-16	30					3.7				
	TMW-16	40									
	TMW-16	50									
	TMW-16	60									

Table Notes:

Blank cell indicates constituent result was below the detection limit.

<50 Detection limit is specified if different than the general limit.

For VOCs, SVOCs, and Pesticides, table shows only analytes that were detected in at least one soil sample.

Table Key:

µg/kg micrograms per kilogram
TPH Total Petroleum Hydrocarbons
VOC Volatile Organic Compounds
SVOC Semivolatile Organic Compounds
DDD Dichlorodiphenyldichloroethane
DDE Dichlorodiphenylchloroethane
DDT Dichlorodiphenyltrichloroethane

TABLE 4
CHEMICAL ANALYTICAL RESULTS: TITLE 22 METALS IN SOILS

Boeing Realty Company, C-6 Facility
Los Angeles, California
K/J 994001.00

Area	Well	Sample Depth (ft. bgs)	Antimony EPA 6010 (mg/kg)	Arsenic EPA 6010 (mg/kg)	Barium EPA 6010 (mg/kg)	Beryllium EPA 6010 (mg/kg)-	Cadmium EPA 6010 (mg/kg)	Chromium Tot. EPA 6010 (mg/kg)	Chromium (VI)[1] EPA 7196 (mg/kg)	Cobalt EPA 6010 (mg/kg)	Copper EPA 6010 (mg/kg)	Lead EPA 6010 (mg/kg)	Mercury EPA 7471 (mg/kg)	Molybdenum EPA 6010 (mg/kg)	Nickel EPA 6010 (mg/kg)	Selenium EPA 6010 (mg/kg)	Silver EPA 6010 (mg/kg)	Thallium EPA 6010 (mg/kg)	Vanadium EPA 6010 (mg/kg)	Zinc EPA 6010 (mg/kg)
	STLC (mg/L)		15	5.0	100	0.75	1.0	560	5.0	80	25	5.0	0.2	350	20	1.0	5.0	7.0	24	250
	TTLC (mg/kg)		500	500	10000	75	100	2500	500	8000	2500	1000	20	3500	2000	100	500	700	2400	5000
	Detection Limit (mg/kg)		5.0	1.0	0.1	0.1	0.1	0.05	0.5	0.5	0.1	1.0	0.01	0.5	0.5	1.0	0.1	5.0	0.5	0.1
Outside Bldg. 66	TMW-10	1		3.6	63			23		5.6	11	3.7	0.14		13				32	44
	TMW-10	5		1.9	93			17		8.9	14	4.4	0.45		12				40	43
	TMW-10	10		5.2	120	0.82		30		10	34	7.4	0.17	1.2	26				60	88
	TMW-10	20		3.9	160			23		10	29	5.9	0.24		20				51	67
	TMW-10	30		6.2	170	0.58	0.82	25		9.0	28	5.3			21				59	60
	TMW-10	50		28	66	0.56		23		7.8	29	5.3	0.18		15				63	46
	TMW-10	65			35			11		5.6	9.0	2.1			17				17	28
Outside Bldg. 66	TMW-11	1		6.9	160	0.57		22		9	26	14			18				46	100
	TMW-11	5		2.9	150	0.62		22		9.3	21	5.9			18				48	57
	TMW-11	10		3.7	110	0.52		21		8.8	26	5.4			19				46	53
	TMW-11	20		4.1	140	0.55		23		9.3	30	6.3			18				51	60
	TMW-11	30		3.6	140			18		8.1	21	4.8			15				42	53
	TMW-11	40		8.2	53			10		3.5	6.9	2.0		1.1	7.9				24	27
	TMW-11	50		7	29			11		3	4.9	3.3			5.8				20	15
	TMW-11	63			59			17		6.9	16	3.7			13				28	39
Outside Bldg. 2	TMW-12	2		2.2	98			15		8.4	14	4.6			10				33	31
	TMW-12	5		2.8	190	0.89		27		8.0	16	6.2			18				55	52
	TMW-12	20		4.8	180	0.80		27		13	40	8.0			23				64	78
	TMW-12	30		4.7	100			18		5.0	19	4.6			14				36	46
	TMW-12	40		4.9	26			6.9		1.8	3.4	2.2			4.4				14	14
	TMW-12	50		6.0	51			12		4.8	14	3.2			12				24	36
	TMW-12	67		3.6	63			22		5.6	11	3.7			13				32	44
Outside Bldg. 2	TMW-13	1		3.6	200	0.53		17		7	13	4.5			12				34	30
	TMW-13	5		2.8	130	0.6		19		8.6	17	5.6			17				40	45
	TMW-13	10		4	120			18		8.2	20	4.6			16				40	44
	TMW-13	20		3.7	91			18		6.8	20	5.2		1.0	14				34	46
	TMW-13	30		3.9	32			9.2		50	4.8	2.3			16				18	25
	TMW-13	40		4.5	21			8.9		2.9	4.0	2.2			6.2				18	21
	TMW-13	50		5.6	59			15		6.8	17	4.2			14				32	43
	TMW-13	65		3.5	55			11		4.9	11	3.1			10				20	33

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TABLE 4
CHEMICAL ANALYTICAL RESULTS: TITLE 22 METALS IN SOILS

Boeing Realty Company, C-6 Facility
Los Angeles, California
K/J 994001.00

Area	Well	Sample Depth (ft. bgs)	Antimony EPA 6010 (mg/kg)	Arsenic EPA 6010 (mg/kg)	Barium EPA 6010 (mg/kg)	Beryllium EPA 6010 (mg/kg)	Cadmium EPA 6010 (mg/kg)	Chromium Tot. EPA 6010 (mg/kg)	Chromium (VI)[1] EPA 7196 (mg/kg)	Cobalt EPA 6010 (mg/kg)	Copper EPA 6010 (mg/kg)	Lead EPA 6010 (mg/kg)	Mercury EPA 7471 (mg/kg)	Molybdenum EPA 6010 (mg/kg)	Nickel EPA 6010 (mg/kg)	Selenium EPA 6010 (mg/kg)	Silver EPA 6010 (mg/kg)	Thallium EPA 6010 (mg/kg)	Vanadium EPA 6010 (mg/kg)	Zinc EPA 6010 (mg/kg)
	STLC (mg/L)		15	5.0	100	0.75	1.0	560	5.0	80	25	5.0	0.2	350	20	1.0	5.0	7.0	24	250
	TTLC (mg/kg)		500	500	10000	75	100	2500	500	8000	2500	1000	20	3500	2000	100	500	700	2400	5000
	Detection Limit (mg/kg)		5.0	1.0	0.1	0.1	0.1	0.05	0.5	0.5	0.1	1.0	0.01	0.5	0.5	1.0	0.1	5.0	0.5	0.1
Outside Bldg. 3	TMW-14	11		3.5	120	0.51		20		6.7	20	4.8		0.60	15				43	49
	TMW-14	16		4.0	130	0.63		22		10	26	6.6		0.66	19				45	60
	TMW-14	21		3.6	120	0.55		20		8.7	26	5.8		0.96	15				45	53
	TMW-14	31		3.5	34	0.13		8		3	3.9	1.8		0.52	5.1				15	19
	TMW-14	41		2.8	21	0.21		8.6		3.8	3.8	2.9			8.1				15	24
	TMW-14	51		3.4	84	0.14		12		3.8	9.7	3.1		3.1	8.4				20	25
	TMW-14	61		13	33	0.18		9.6		4.1	6.1	2.3			8.2				19	24
	TMW-14	71		17	84	0.54		28		11.0	38	8.5		0.65	28				40	58
Outside Bldg. 3	TMW-15	5		5.1	130	0.50		18		10	26	21			16				35	48
	TMW-15	10		6.2	150	0.68		26		12	32	7.1			22				50	61
	TMW-15	20		5.7	130	0.60		24		12	30	6.5			22				47	57
	TMW-15	25		4.0	100			18		8	22	5.5		1.1	15				33	40
	TMW-15	35		4.8	37			11		4.5	5.3	2.7			8.2				22	26
	TMW-15	45		3.0	36			8.7		3.1	6.7	2.0			7.1				14	20
	TMW-15	55		2.7	25			16		8.8	11	3.7			13				18	24
	TMW-15	71		4.4	52	0.58		36		8.6	29	5.1		1.5	12				40	45
Outside Bldg. 20	TMW-16	10		3.5	190	0.60		23		10	27	6.2		0.91	18				47	62
	TMW-16	25		5.4	180	0.76		28		11.0	38	8.3		1.7	27				63	73
	TMW-16	30		3.6	54	0.19		10		2.7	6.7	2.4		0.73	8.6				21	22
	TMW-16	40		3.6	23	0.14		7.9		2.7	3.8	2.2			6.0				14	20
	TMW-16	50		15	62	0.76		27		15	37	8.6		0.53	27				49	72
	TMW-16	60		11	55	0.59		24		7	31	6.1		0.84	18				48	55

Table Notes:

Blank cell indicates constituent result was below the detection limit.

1. Chromium (VI) analysis was performed if total Chromium exceeded 0.10 mg/kg.

Table Key:

BOE-C6-0141847

TABLE 5
COMMON METALS CONCENTRATIONS IN SOILS AND STATE THRESHOLD LIMIT VALUES

Boeing Realty Company, C-6 Facility
Los Angeles, California
K/J 994001.00

Tested Inorganic Chemical	Common Range in Soils[a] (ppm)	CCR TTLC[b] Value (mg/kg)	STLC[c] Value (mg/l)
Antimony	<1 - 2.6[d]	500	15
Arsenic	1 - 50	500	5
Barium	100 - 3,000	10,000	100
Beryllium	0.1 - 40	75	0 .75
Cadmium	0.01 - 0.7	100	1 .0
Chromium (VI)	Not Available	500	560
Chromium Total	1 - 1,000	2,500	5
Cobalt	1 - 40	8,000	80
Copper	2 - 100	2,500	25
Lead	2 - 200	1,000	5
Mercury	<0.01 - 4.6[d]	20	0 .2
Molybdenum	<3 - 7[d]	3,500	350
Nickel	5 - 500	2,000	20
Selenium	0.1 - 2	100	1
Silver	0.01 - 5	500	5
Thallium	2.4 - 31[d]	700	7
Vanadium	20 - 500	2,400	24
Zinc	10 - 300	5,000	250

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

ppm = parts per million

(a) *Chemical Equilibria in Soils*. Willard L. Lindsay, John L. Wiley & sons, NY, 1979, unless noted otherwise.

(b) California Code of Regulations (CCR), Title 22, Total Threshold Limit Concentration (TTLC) value. Value set to define a California hazardous waste based on the total concentration.

(c) CCR, Title 22, Soluble Threshold Limit Concentration (STLC) value. Value set to define a California hazardous waste based on leachate concentration.

(d) *Element Concentrations in Soils and Other Surficial Materials of the Conterminious United States.* H. T. Shacklette and J. G. Boerngen, USGS Professional Paper 1270, U.S. Government Printing Office, Washington, 1984.

TABLE 6

SUMMARY OF DETECTIONS OF ORGANIC COMPOUNDS AND METALS IN GROUNDWATER

Boeing Realty Company, C-6 Facility
Los Angeles, California
K/J 994001.00

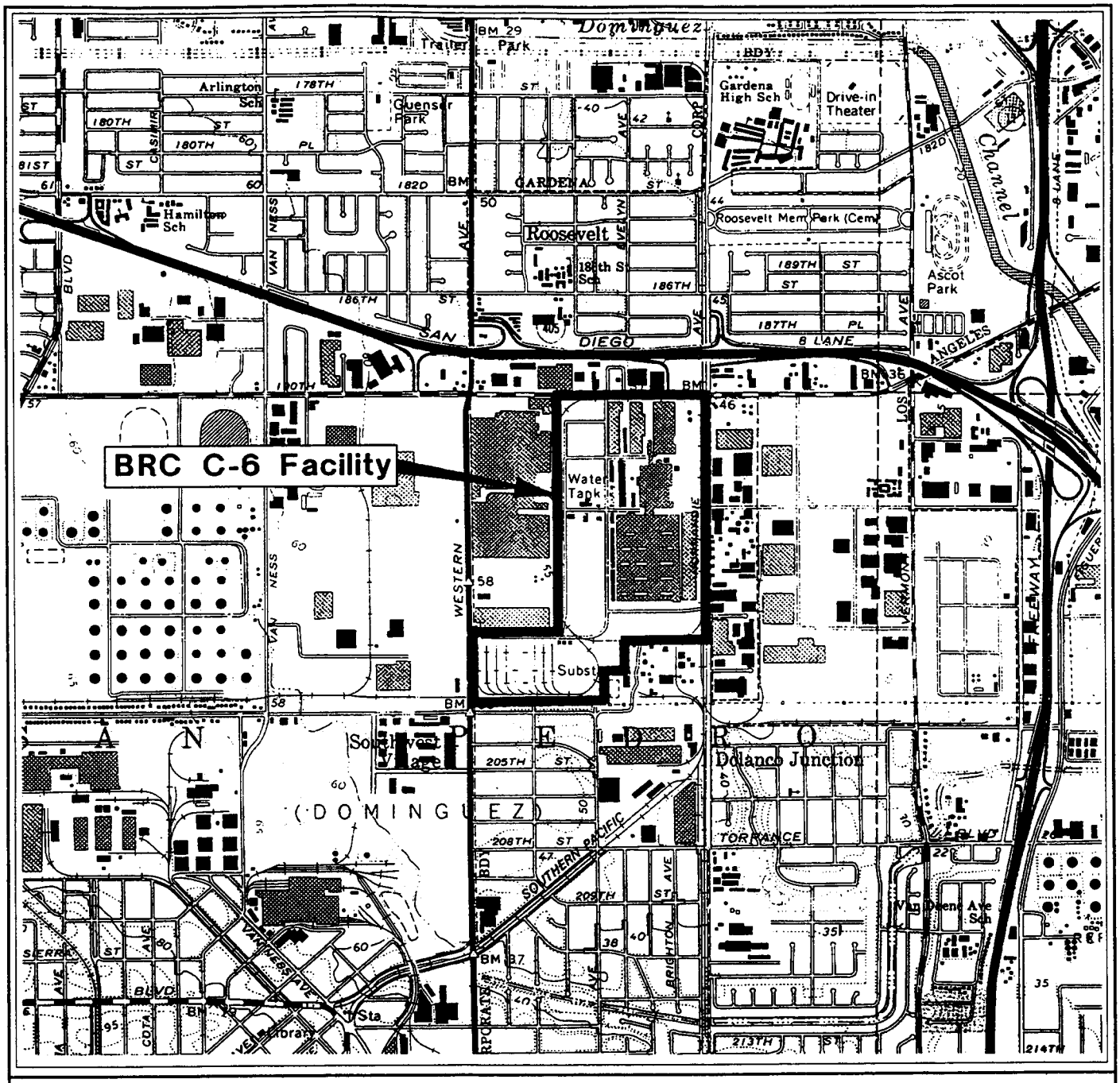
Well	Sample Date	EPA 8260 µg/L																	EPA 8270 µg/L				EPA 8015m µg/L	EPA 6010 mg/L	EPA 7196 mg/L	EPA 6010 mg/L				
		Detection Limit[1]	Benzene	BDCM	CDBM	Carbon Tetrachloride	Chloroform	1,1-DCA	1,2-DCA	1,1-DCE	trans-1,2-DCE	PCE	Toluene	1,1,1-TCA	1,1,2-TCA	TCE	cis-1,2-DCE	TCFM	DCFM	Bis(2-ethylhexyl) phthalate	2-Methylphenol	4-Methylphenol	Phenol	Volatile Fuel Hydrocarbons	Barium	Chromium (VI)[3]	Chromium (total)	Copper	Nickel	Vanadium	Zinc
		Detection Limit[2]																		3.0	5.0	5.0	5.0	50	0.010	0.010	0.010	0.010	0.010	0.010	0.010
WCC-3S	03/06/1999	250						500		20,000	510		42,000	1,900		640	4,800				12	9.4	7.9	60,000	0.230						0.024
WCC-4S	03/04/1999	10.0								1,700	15					1,600								550	0.260		0.012				0.018
WCC-5S	03/04/1999	0.5								11						2.1									0.260		0.011				0.030
WCC-6S	03/06/1999	50	51					110		9,500	140		760	300		5,000	510							3400	0.140						0.018
WCC-7S	03/04/1999	1.0								160						170	1.1							82	0.180		0.014				0.010
WCC-9S	03/02/1999	0.5					14			7.3						44	2.0								0.200		0.011				0.013
WCC-10S	04/08/1999	0.5				0.92	2.5			29.0		2.5				150	0.92							98	0.029		0.010				0.012
WCC-11S	03/04/1999	0.5								22						120	6.9							53	0.083		0.016				0.012
WCC-12S	03/02/1999	0.5					1.9	19		46		0.75				140	2.5							90	0.110		0.013				
WCC-3D	03/05/1999	0.5								32			44	57		7.9	1.3							120	0.091						
DAC-P1	04/08/1999	50.0														14,000	69							7600	0.100	0.26	0.260				
TMW-1	03/05/1999	1.3					4.7			330				1.3		320		18						140	0.270		0.027				0.022
TMW-2	03/06/1999	125					250	1,600		39,000	600			4,300		36,000	660							7000	0.280	0.22	0.260				0.018
TMW-3	03/05/1999	50								210						8,200								3200	0.094		0.023				0.033
TMW-4	03/04/1999	50								2,000	54					2,900	64							1200	0.150		0.024				0.023
TMW-5	03/04/1999	50								500						4,500								1500	0.049		0.015				0.018
TMW-6	03/04/1999	2.5					630			8.4						170								280	0.200		0.024				0.015
TMW-7	03/05/1999	12.5	16				13	41	26	2,200	54				14	2,900	75							1500	0.089		0.011				0.018
TMW-8	03/05/1999	12.5	38				21	52	24	3,800	71				18	3,900	93							1900	0.091						0.050
TMW-9	03/04/1999	5.0								110						760								220	0.100		0.024				0.020
TMW-10	03/03/1999	0.5					4.2					0.94				3.8		0.51	0.74						0.120		0.018				0.014
TMW-11	03/03/1999	1.25				1.7	430					1.9				21								61	0.400		0.012				0.028
TMW-12	03/03/1999	10					3100					15				700								300	0.320						0.029
TMW-13	03/03/1999	0.5				4.6	31					5.8				120								71	0.140						0.028
TMW-14	03/03/1999	0.5				3.8	4.6					2.5				15									0.180		0.010				0.020
TMW-15	03/03/1999	0.5		1.3	0.69		12			0.96						40				5.5					0.120		0.019	0.012	0.011	0.023	0.058
TMW-16	03/06/1999	0.5										2.1				4.5				6.2					0.200		0.015			0.014	0.054

Table Notes:
Blank cell indicates constituent result was below the detection limit.
Shaded cell indicates sample was not tested for the given constituent.
1. Detection limits varied between well samples for volatile organics analyses.
2. Dectection limits were consistent between well samples for semivolatile organics, fuel hydrocarbons, and metals analyses.
3. Chromium (VI) analysis was performed only if total Chromium exceeded 0.10 mg/L.
Table shows only compounds that were detected at least once in the groundwater samples.
No detections were reported for total extractable petroleum hydrocarbons analysis (EPA 8015M).
No detections were reported for organochlorinated pesticides analysis (EPA 8080).

Table Key:

BDCM	Bromodichloromethane
CDBM	Chlorodibromomethane
DCA	Dichloroethane
DCE	Dichloroethene
PCE	Tetrachloroethene
TCA	Trichloroethane
TCE	Trichloroethene
TCFM	Trichlorofluoromethane
DCFM	Dichlorofluoromethane

FIGURES



Source: Basemap modified from
U.S.G.S. Torrance, California
7.5 Minute Quadrangle
Photorevised 1981

0 2000 4000

Approximate Scale in Feet

N

Kennedy/Jenks Consultants

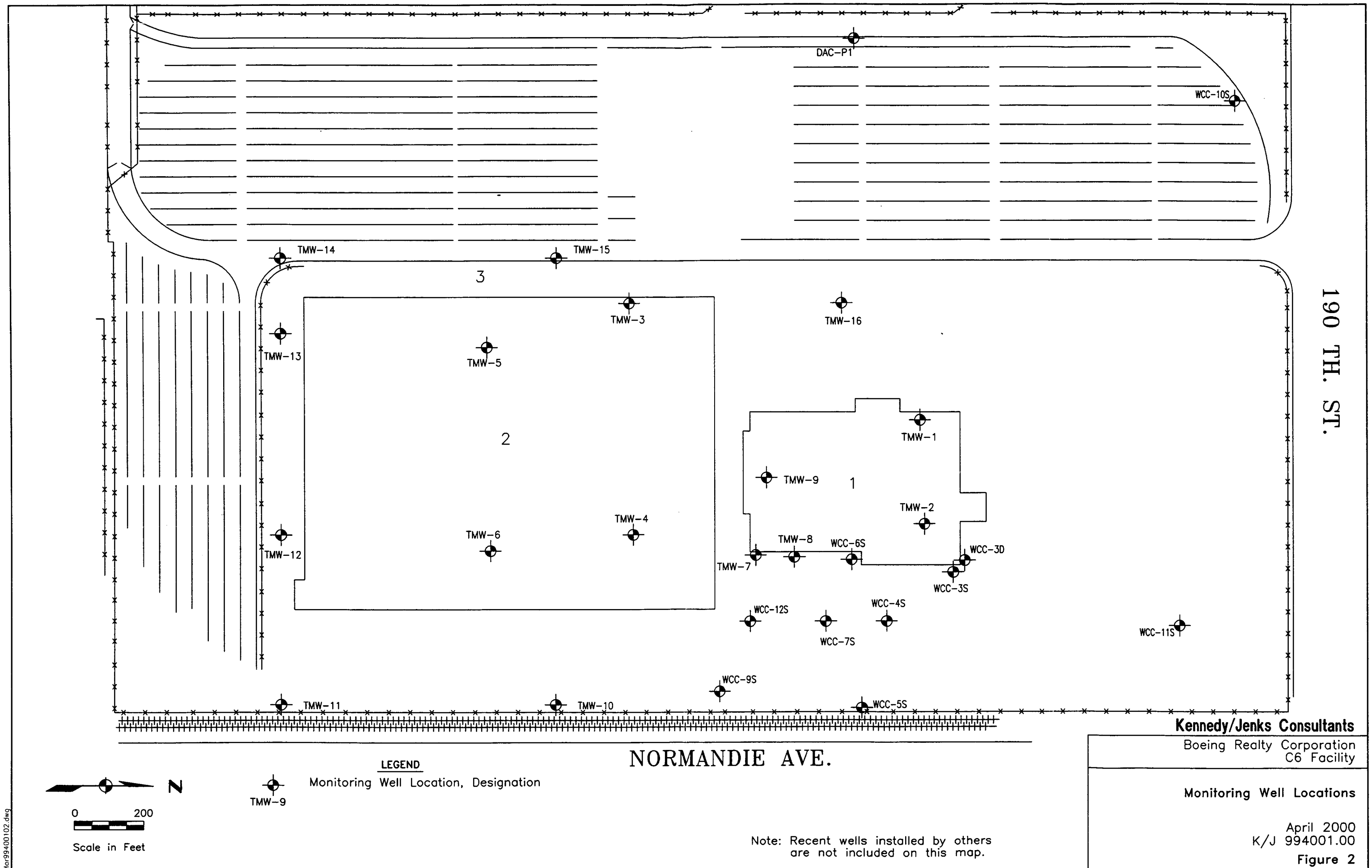
Boeing Realty Company
C6 Facility

Site Location Map

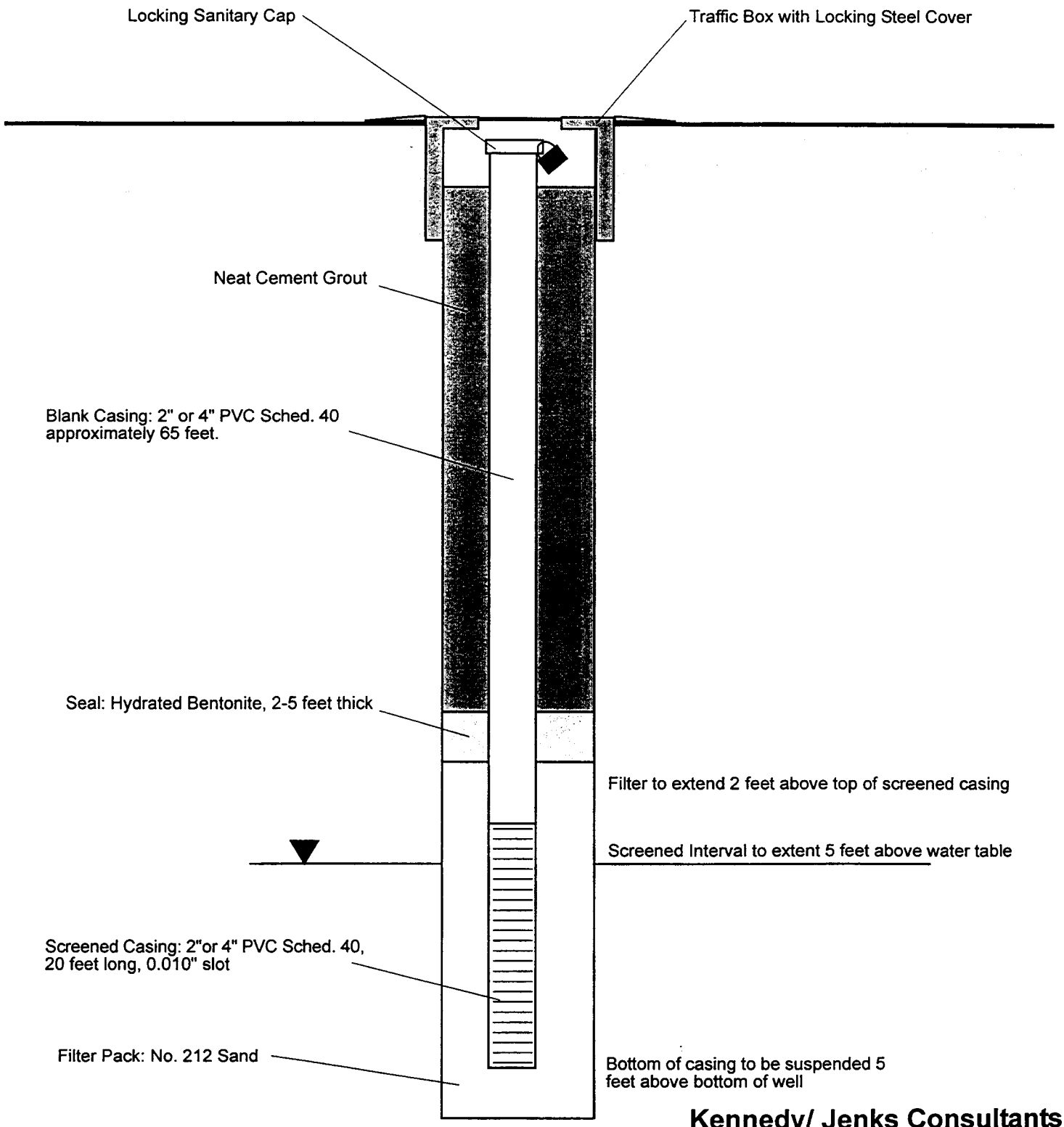
April 2000
K/J 994001.00

Figure 1

4-00-400601.dwg



BOE-C6-0141852



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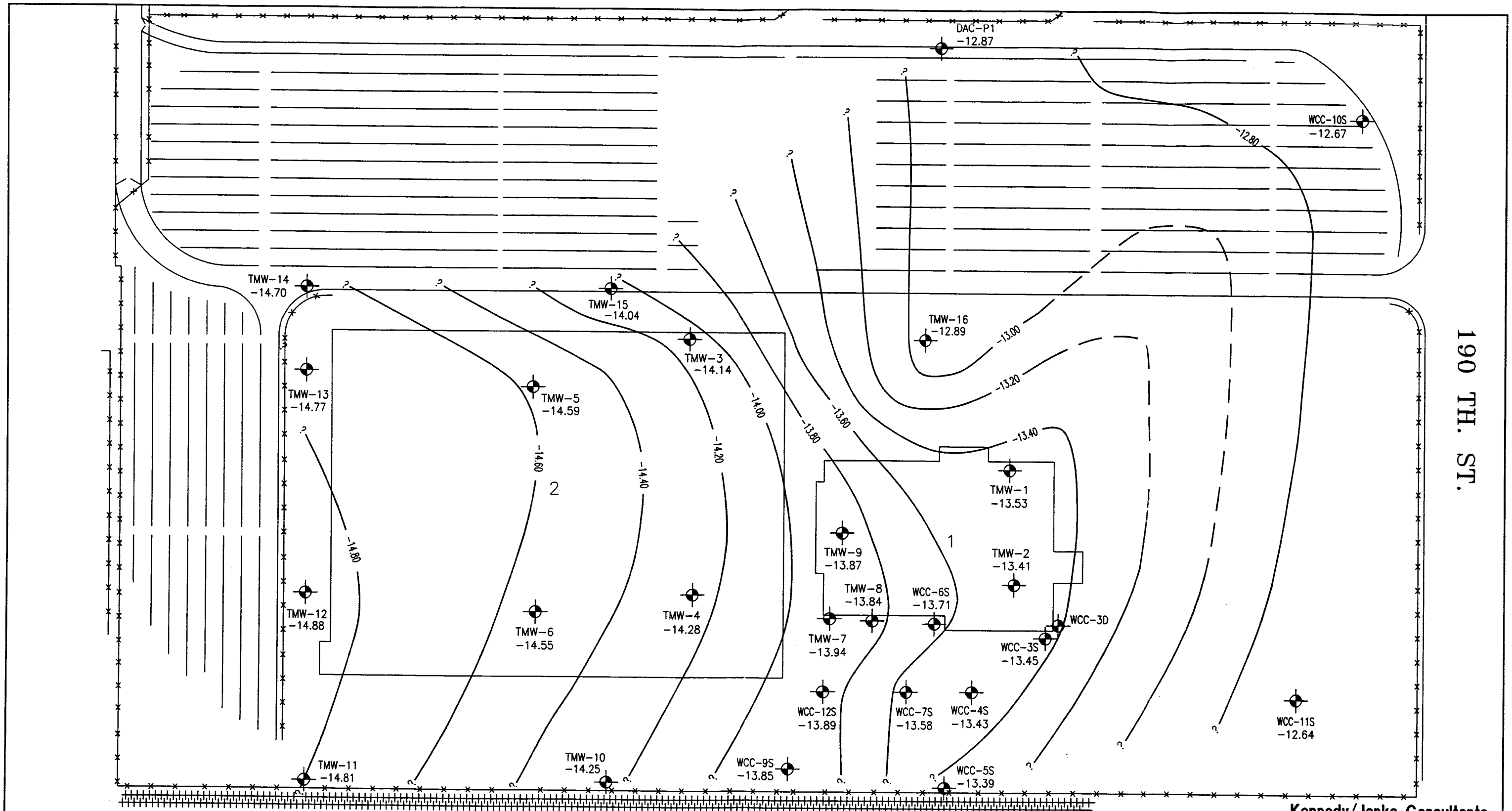
Boeing C-6 Facility
Los Angeles, California

Typical Well Construction Detail
Temporary Monitoring Wells

April 2000
K/J 994001.00
Figure 3



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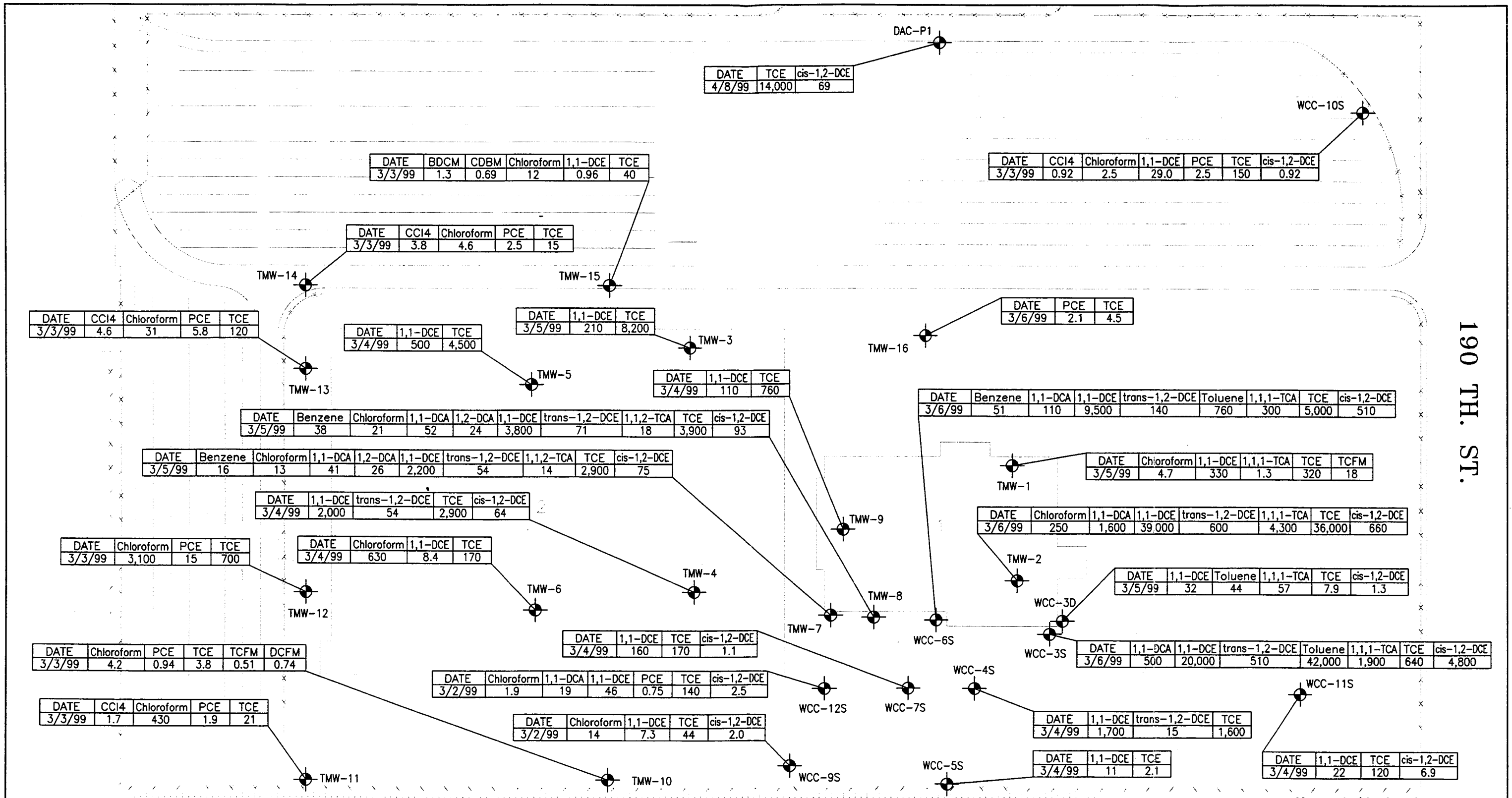

DATE	TCE	cis-1,2-DCE
4/8/99	14,000	69

DATE	CCl4	Chloroform	1,1-DCE	PCE	TCE	cis-1,2-DCE
3/3/99	0.92	2.5	29.0	2.5	150	0.92

DATE	BDCM	CDBM	Chloroform	1,1-DCE	TCE
3/3/99	1.3	0.69	12	0.96	40

DATE	CCl4	Chloroform	PCE	TCE
3/3/99	3.8	4.6	2.5	15

DATE	CCl4	Chloroform	PCE	TCE
3/3/99	4.6	31	5.8	120

DATE	1,1-DCE	TCE
3/4/99	500	4,500

DATE	1,1-DCE	TCE
3/5/99	210	8,200

DATE	PCE	TCE
3/6/99	2.1	4.5

DATE	1,1-DCE	TCE
3/4/99	110	760

DATE	Benzene	1,1-DCA	1,1-DCE	trans-1,2-DCE	Toluene	1,1,1-TCA	TCE	cis-1,2-DCE
3/6/99	51	110	9,500	140	760	300	5,000	510

DATE	Benzene	Chloroform	1,1-DCA	1,2-DCA	1,1-DCE	trans-1,2-DCE	1,1,2-TCA	TCE	cis-1,2-DCE
3/5/99	38	21	52	24	3,800	71	18	3,900	93

DATE	Benzene	Chloroform	1,1-DCA	1,2-DCA	1,1-DCE	trans-1,2-DCE	1,1,2-TCA	TCE	cis-1,2-DCE
3/5/99	16	13	41	26	2,200	54	14	2,900	75

DATE	Chloroform	1,1-DCE	1,1,1-TCA	TCE	TCFM
3/5/99	4.7	330	1.3	320	18

DATE	1,1-DCE	trans-1,2-DCE	TCE	cis-1,2-DCE
3/4/99	2,000	54	2,900	64

DATE	Chloroform	1,1-DCA	1,1-DCE	trans-1,2-DCE	1,1,1-TCA	TCE	cis-1,2-DCE
3/6/99	250	1,600	39,000	600	4,300	36,000	660

DATE	Chloroform	PCE	TCE
3/3/99	3,100	15	700

DATE	Chloroform	1,1-DCE	TCE
3/4/99	630	8.4	170

DATE	1,1-DCE	Toluene	1,1,1-TCA	TCE	cis-1,2-DCE
3/5/99	32	44	57	7.9	1.3

DATE	1,1-DCA	1,1-DCE	trans-1,2-DCE	Toluene	1,1,1-TCA	TCE	cis-1,2-DCE
3/6/99	500	20,000	510	42,000	1,900	640	4,800

DATE	1,1-DCE	TCE	cis-1,2-DCE
3/4/99	160	170	1.1

DATE	Chloroform	PCE	TCE	TCFM	DCFM
3/3/99	4.2	0.94	3.8	0.51	0.74

DATE	Chloroform	1,1-DCA	1,1-DCE	PCE	TCE	cis-1,2-DCE
3/2/99	1.9	19	46	0.75	140	2.5

DATE	CCl4	Chloroform	PCE	TCE
3/3/99	1.7	430	1.9	21

DATE	Chloroform	1,1-DCE	TCE	cis-1,2-DCE
3/2/99	14	7.3	44	2.0

DATE	1,1-DCE	trans-1,2-DCE	TCE
3/4/99	1,700	15	1,600

DATE	1,1-DCE	TCE
3/4/99	11	2.1

DATE	1,1-DCE	TCE	cis-1,2-DCE
3/4/99	22	120	6.9

N

0 200

Scale in Feet

TMW-9 Monitoring Well Location, Designation

Note: Recent wells installed by others are not included on this map.

LEGEND

BDCM – Bromodichloromethane
CDBM – Chlorodibromomethane
CCl4 – Carbon Tetrachloride
DCA – Dichloroethane
DCE – Dichloroethene
PCE – Tetrachloroethene
TCA – Trichloroethane
TCE – Trichloroethene
TCFM – Trichlorofluoromethane
DCFM – Dichlorofluoromethane

Kennedy/Jenks Consultants

Boeing Realty Company
C6 Facility

Detected Concentrations of Volatile Organic Compounds in Groundwater March and April 1999

April 2000
K/J 994001.00

Figure 5

Mar99400105.dwg

BOE-C6-0141855

APPENDIX A

REGIONAL WATER QUALITY CONTROL BOARD CORRESPONDENCE

STATE OF CALIFORNIA—ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, Gov

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

May 20, 1998

Mr. Chris Stoker
Integrated Environmental Services, Inc.
3990 Westerly Place, Suite 210
Newport Beach, CA 92660

TECHNICAL WORKPLAN, INSTALLATION OF TEMPORARY GROUNDWATER MONITORING WELLS - BOEING C-6 FACILITY, LOS ANGELES, CALIFORNIA (FILE NO. 100.315)

We have received and reviewed your Technical Workplan, Installation of Temporary Groundwater Monitoring Wells - Boeing C-6 Facility, Los Angeles, California, dated April 20, 1998. Our comments are as follows:

1) Include a contingency plan to collect and analyze soil samples if visible contamination, odors or PID readings indicate that contamination is present. Samples should be analyzed for the same suite of chemicals for which the groundwater is being tested.

2) Collect and analyze a soil sample from the capillary fringe in each boring. Samples should be analyzed for the same suite of chemicals for which the groundwater is being tested.

3) The workplan indicates that the annulus above the bentonite sanitary seal will be left open. The annulus must be filled should visible contamination, odors or PID readings indicate that soil contamination is present.

Should you have any questions regarding the above, please contact Hugh Marley at (213) 266-7669.

J.E. ROSS, Unit Chief
Site Cleanup Unit

cc: Ms. Karen Baker, DTSC, Long Beach
Ms. Debbie Oudiz, Office of Scientific Affairs
Mr. Mario Stavale, Boeing Realty Corporation
Mr. Jeff Dhont, Federal EPA

Rec'd 5/26/98

APPENDIX B

BORING LOGS

Well Construction Log

Kennedy/Jenks Consultants

BORING LOCATION: East of Building 66		Boring/Well Name: TMW-10	
DRILLING COMPANY: West Hazmat	DRILLER: Scott Campbell	Project Name: Boeing C-6 Facility	
DRILLING METHOD (S): CME 75, Hollow Stem Auger	DRILL BIT (S) SIZE: 8"	Project Number: 994001.00	
BLANK CASING: 2" diam. PVC Schedule 40	FROM 0 TO 60.5 FT	ELEVATION: Not Surveyed	TOTAL DEPTH: 85 feet
PERFORATED CASING: 2" diam. PVC Schedule 40, 0.010" slot	FROM 60.5 TO 80.5 FT	DATE STARTED: 1/28/99	DATE COMPLETED: 1/28/99
SIZE AND TYPE OF FILTER PACK: Lonestar 2/12 Sand	FROM 57.6 TO 85 FT	DEPTH TO WATER: 65 feet	
SEAL: Medium Bentonite Chips	FROM 54.7 TO 57.6 FT	LOGGED BY: M. Balderman	
GROUT: Neat Portland Cement	FROM 0 TO 54.7 FT	SAMPLING METHODS: 2" x 18" California Split-Spoon and CME dry core	WELL COMPLETION: ☒ SURFACE HOUSING ☐ STAND PIPE _____ FT

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
										Asphalt at surface 6" gravel/asphalt base
			8 16 20	4.2				ML	5YR 3/4	Clayey SILT with Minor Fine Sand and Sand Interbeds: dark reddish brown, damp, hard
core										
			18 50	1.7	5			SM	5YR 3/4	Fine Silty SAND: dark reddish brown, 60% fine sand, damp, very dense
core										
								CL	5YR 5/4	Silty CLAY with a Trace of Fine Sand: reddish brown, damp, hard
			15 35 38	6.8	10					
								SM	5YR 5/4	Fine Silty SAND: reddish brown, 60% sand, damp, dense
core					15					
			18 20 22	3.4	20					
core					25					
								CL	2.5YR 4/3	Silty CLAY: reddish brown, 15% fine sand, damp, hard
								SM	5YR 5/4	Fine Silty SAND: reddish brown, 60% sand, damp, very dense
			15 30 43	5.7	30					
								SM	2.5YR 5/3	Silty SAND: reddish brown, 75% fine sand, trace of fine mica, damp, very dense
core					35			ML	2.5YR 5/3	Fine Sandy SILT with Minor Clay: reddish brown, damp, stiff

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-10
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Description
								ML		Fine Sandy SILT with Minor Clay, continued
core								CL	2.5YR 5/3	Silty CLAY: reddish brown, minor fine sand, scattered fine calcite
								ML	2.5YR 5/3	grades to Clayey SILT
			15 22 25	10.5	40			SM	2.5YR 5/3	Fine Silty SAND: reddish brown, 60% sand, damp, dense
								CL	2.5YR 4/2	Silty CLAY: weak red, trace of fine sand, damp, hard
core					45			SM	10YR 6/1 10YR 5/2	Fine Silty SAND: mottled gray and grayish brown, 60% sand, damp, dense
									10YR 5/6	yellowish brown
										abundant calcite cement from 49.0 to 49.4 feet
			20 12 10	16.9	50					
								CL	10YR 4/4 2.5Y 6/2	Silty CLAY: mottled dark yellowish brown and light brownish gray, damp, very stiff 30% fine sand from 53.0 to 54.4 feet.
						Top of Seal 54.7 feet				
					55			SM	10YR 6/2	Fine Silty SAND: light brownish gray, 75% sand, trace of fine mica, damp, medium dense
								CL	10YR 6/2	Fine Sandy CLAY: light brownish gray, 20% sand, very stiff, damp
core						Top of Filter 57.6 feet		SM	10YR 6/2	Fine Silty SAND: light brownish gray, 75% sand, trace of fine mica, damp, medium dense
					60	Top of Screen 60.5 feet				
								ML	10YR 5/3	Fine Sandy SILT: brown, 35% sand, damp to moist, very stiff
			20 32 50	6.8				CL	10YR 6/4	Silty CLAY and Sandy CLAY: light yellowish brown, interbedded, damp, hard
			16 23 30		65	Depth to first water 65 feet		ML	10YR 4/4	Fine Silty SAND and Sandy SILT: dark yellowish brown, 50% fine sand, trace of fine mica, very moist, very dense wet at 65 feet
					70			SM		increase fine sand to 70%, finely laminated from 69 to 70 feet, thin interbeds of fine sandy silt from 70.0 to 70.6 feet and from 71.8 to 72.5 feet
core										
					75			SM	10YR 6/4 10YR 6/2	Fine to Medium Silty SAND: laminated light yellowish brown and light brownish gray, 80% sand, abundant mica, wet, very dense
					80	Bottom of Screen 80.5 feet		ML	2.5Y 4/2	Fine Sandy SILT: dark grayish brown, 30% sand, laminated with silty sand, wet, hard

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-10

Project Name Boeing C-6 Facility

Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
core						Bottom of Screen 80.5 feet		ML	2.5Y 4/2	FineSandy SILT, continued
								ML	2.5Y 4/2	Fine Sandy SILT and Silty SAND: dark grayish brown, 50% fine sand, abundant fine mica, wet, very dense
								ML	10YR 4/4	Clayey SILT: dark yellowish brown, laminated
								SM	7.5YR 4/2	Fine Silty SAND: brown, 60% sand, trace of fine mica, wet, very dense
								SP	5YR 5/1	SAND: gray, fine to medium, minor silt, wet, very dense
					85					
										Boring terminated at 85 feet.
					90					
					95					
					100					
					105					
					110					
					115					
					120					
					125					

Well Construction Log

Kennedy/Jenks Consultants

BORING LOCATION: Northeast of Building 66		Boring/Well Name: TMW-11	
DRILLING COMPANY: West Hazmat	DRILLER: Scott Campbell	Project Name: Boeing C-6 Facility	
DRILLING METHOD (S): CME 75, Hollow Stem Auger	DRILL BIT (S) SIZE: 8"	Project Number: 994001.00	
BLANK CASING: 2" diam. PVC Schedule 40	FROM 0 TO 58 FT	ELEVATION: Not Surveyed	TOTAL DEPTH: 83 feet
PERFORATED CASING: 2" diam. PVC Schedule 40, 0.010" slot	FROM 58 TO 78 FT	DATE STARTED: 2/1/99	DATE COMPLETED: 2/1/99
SIZE AND TYPE OF FILTER PACK: Lonestar 2/12 Sand	FROM 54.5 TO 83 FT	DEPTH TO WATER: 63 feet	
SEAL: Medium Bentonite Chips	FROM 53 TO 54.5 FT	LOGGED BY: T. Doyle	
GROUT: Neat Portland Cement	FROM 0 TO 53 FT	SAMPLING METHODS: 2" x 18" California Split-Spoon	WELL COMPLETION: ☒ SURFACE HOUSING ☐ STAND PIPE ____ FT

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
										Asphalt at surface
										6" gravel/asphalt base
■	■	▨	8 12 10	0.9				CL	7.5YR 3/2	Silty Sandy CLAY: dark brown, 30% fine sand, damp, very stiff
■	■	▨	12 14 17	2.4	5				7.5YR 5/4	brown
■	■	▨	7 13 15	2.8	10					
					15					
■	■	▨	9 12 14	5.2	20			ML	2.5Y 5/3	Fine Sandy SILT: light olive brown, 35% fine sand, trace of fine mica, damp to moist, very stiff
					25					
■	■	▨	11 15 23	4.8	30					scattered hard caliche nodules up to 1/4"
					35					

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-11
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
								ML		Fine Sandy SILT, continued
			14 22 25	5.5	40			SM	2.5Y 6/4	Fine Silty SAND: light yellowish brown, 65% sand, trace of fine mica, damp, dense
					45					
			17 17 20	2.6	50			SC	2.5Y 6/2	Fine to Coarse Clayey SAND: light brownish gray, 75% sand, trace of fine mica, cemented with calcite, dense
						Top of Seal 53 feet				
					55	Top of Filter 54.5 feet				
						Top of Screen 58 feet				
					60					
			16 20 24 15 22 27	5.8		Depth to first water 63 feet		SM	2.5Y 4/3 7.5YR 5/6	Fine Silty SAND: olive brown, 60% sand, trace of fine mica, with thin interbeds of laminated, strong brown, fine sandy silt, dense water encountered at 63 feet
					65					
					70					
					75					
						Bottom of Screen 78 feet				
					80					

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-11
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
								SM		Fine Silty SAND, continued
					85					Boring terminated at 83 feet.
					90					
					95					
					100					
					105					
					110					
					115					
					120					
					125					

Well Construction Log

Kennedy/Jenks Consultants

BORING LOCATION: South of Building 2		Boring/Well Name: TMW-12	
DRILLING COMPANY: West Hazmat	DRILLER: Scott Campbell	Project Name: Boeing C-6 Facility	
DRILLING METHOD (S): CME 75, Hollow Stem Auger	DRILL BIT (S) SIZE: 8"	Project Number: 994001.00	
BLANK CASING: 2" diam. PVC Schedule 40	FROM 0 TO 62 FT	ELEVATION: Not Surveyed	TOTAL DEPTH: 88 feet
PERFORATED CASING: 2" diam. PVC Schedule 40, 0.010" slot	FROM 62 TO 82 FT	DATE STARTED: 1/27/99	DATE COMPLETED: 1/27/99
SIZE AND TYPE OF FILTER PACK: Lonestar 2/12 Sand	FROM 59.3 TO 88 FT	DEPTH TO WATER: 67.5 feet	
SEAL: Medium Bentonite Chips	FROM 56.7 TO 59.3 FT	LOGGED BY: M. Balderman	
GROUT: Neat Portland Cement	FROM 0 TO 56.7 FT	SAMPLING METHODS: 2" x 18" California Split-Spoon and CME dry core	WELL COMPLETION: ☒ SURFACE HOUSING ☐ STAND PIPE _____ FT

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
			8 12 22					ML	2.5YR 3/1	Asphalt at surface 6" gravel/asphalt base Clayey SILT with Minor Fine Sand: dark reddish gray, wet, hard
			5 4 5	3.5						
			15 18 22	146	5					
core								ML	7.5YR 4/4	Fine Sandy SILT: brown, 30% fine sand, minor clay, damp, hard
			23 50		10					
core					15					
								ML	10YR 5/2	Fine Sandy SILT with Clayey Silt Interbeds: grayish brown, 20-50% fine sand, damp, hard, with calcite stringers at 18-19 feet
			15 18 19	1.2	20			ML	7.5YR 4/4	Fine Sandy SILT: brown, 35% fine sand, damp, hard
core					25			ML	7.5YR 4/4	Grades to Clayey SILT: brown, with calcite stringers at 24-25 feet increased calcite at 28 feet
			10 20 25	1.2	30					
core					35			SM	7.5YR 4/4	Fine Silty SAND: brown, 70% fine sand, damp, dense, with calcite veins at 33 feet

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-12

Project Name Boeing C-6 Facility

Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Description
core								SM	7.5YR 5/6	Fine Silty SAND: strong brown, 80% sand, trace of fine mica, damp, dense
core								SP	10YR 6/3	Fine SAND with Minor Silt: pale brown, damp, dense
									2.5Y 5/6	light olive brown
			20 25 28	4.9	40					grades to fine to coarse
								CL	2.5YR 6/2	Fine Sandy CLAY: pale red, 20% fine sand, damp, hard, mottled with red brown
core								ML	2.5YR 6/2	Fine Sandy and Clayey SILT: pale red, 40% sand, damp, hard
					45					interbeds of fine silty sand from 46.3 to 46.5 feet
			22 29 30	0.2	50			SM	10YR 6/6	Fine Silty SAND: brownish yellow, 80% sand, trace of fine mica, damp, very dense
								CL	7.5YR 4/4	Silty CLAY: brown, trace of fine sand, damp, hard
core								SM	2.5YR 5/4	Fine Silty SAND: reddish brown, 75% sand, trace of fine mica, damp, very dense
					55					interbeds of silty clay 55.3 to 55.7 feet
						Top of Seal 56.7 feet		ML	2.5Y 4/4	Fine Sandy SILT: olive brown, 25% fine sand, damp, hard
						Top of Filter 59.3 feet				
			22 28 30	1.9	60					40% fine sand, trace of fine mica
						Top of Screen 62 feet			2.5Y 5/4	light olive brown, moist, hard
			10 20 40	1.7						
core					65					
						Depth to water 67.5 feet		SP	2.5Y 5/1	Fine to Medium SAND with Minor Silt: gray, trace of fine mica, moist, very dense
			10 40 50/3	3.5						water at 67.5 feet
					70			ML	5Y 4/3	Clayey SILT with Minor Fine Sand: olive, wet, hard
								SM	2.5Y 4/2	Fine to Coarse Silty SAND: dark grayish brown, 70% sand, trace of fine mica, wet, very dense
								ML	2.5Y 4/2	Fine Sandy SILT: dark grayish brown, 30% fine sand, wet, hard
								SM	2.5Y 5/1	Fine to Medium Silty SAND: gray, 70% sand, trace of fine mica, wet, very dense
core					75					
								ML	2.5Y 5/4	Fine Sandy SILT: light olive brown, 30% fine sand, trace of fine mica, wet, very dense
								SM	2.5Y 5/4 2.5Y 5/1	Fine Silty SAND: light olive brown and gray, 70% sand, abundant mica, wet, very dense
					80					
						Bottom of Screen 82 feet				

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-12

Project Name Boeing C-6 Facility

Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
								SM		Fine Silty SAND, continued
								ML	2.5YR 4/4	Fine Sandy SILT: reddish brown, 30% fine sand, trace of fine mica, wet, hard
						Bottom of Screen 82 feet		SM	2.5YR 4/4	Fine Silty SAND: reddish brown, 60% fine sand, trace of fine mica, wet, very dense
core										finely laminated from 84 to 85 feet
					85					
									2.5Y 5/1	gray, abundant fine shell fragments
					90					Boring terminated at 88 feet.
					95					
					100					
					105					
					110					
					115					
					120					
					125					

Well Construction Log

Kennedy/Jenks Consultants

BORING LOCATION: South of Building 2		Boring/Well Name: TMW-13	
DRILLING COMPANY: West Hazmat	DRILLER: Scott Campbell	Project Name: Boeing C-6 Facility	
DRILLING METHOD (S): CME 75, Hollow Stem Auger	DRILL BIT (S) SIZE: 8"	Project Number: 994001.00	
BLANK CASING: 2" diam. PVC Schedule 40	FROM 0 TO 60 FT	ELEVATION: Not Surveyed	TOTAL DEPTH: 85 feet
PERFORATED CASING: 2" diam. PVC Schedule 40, 0.010" slot	FROM 60 TO 80 FT	DATE STARTED: 2/2/99	DATE COMPLETED: 2/2/99
SIZE AND TYPE OF FILTER PACK: Lonestar 2/12 Sand	FROM 58 TO 85 FT	DEPTH TO WATER: 66 feet	
SEAL: Medium Bentonite Chips	FROM 55 TO 58 FT	LOGGED BY: T. Doyle	
GROUT: Neat Portland Cement	FROM 0 TO 55 FT	SAMPLING METHODS: 2" x 18" California Split-Spoon	WELL COMPLETION: ☒ SURFACE HOUSING ☐ STAND PIPE ____ FT

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
										Asphalt, 8" Gravel Base, 12"
■	■	■	10 9 6	33				CL	5YR 3/2	Silty Sandy CLAY: dark brown, 20% silt, 20% sand, 60% clay, damp to wet, medium dense, high plasticity
■	■	■	7 11 13	35	5					
■	■	■	7 8 10	49.1	10			ML	2.5Y 6/3	Silty Sandy CLAY: light yellowish brown, 35% silt, 25% sand, 40% clay, damp, medium dense, low plasticity
					15					
■	■	■	12 14 17	61.2	20			SM	2.5Y 6/3	Clayey Silty SAND: light yellowish brown, 15% clay, 25% silt, 60% fine sand, damp, medium dense
					25					
■	■	■	10 15 17	20.2	30			SM	2.5Y 6/3 2.5Y 7/1	Silty SAND: mottled olive yellow and light gray, 30% silt, 70% sand, damp, dense
					35					

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-13
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
								SM		Silty SAND, continued
			12 32 38		40			SM	2.5Y 6/3	Silty SAND: light yellowish brown, 30% silt, 70% fine sand, damp, very dense
					45					
			14 23 27		50			SM	5Y 5/2	Silty SAND: olive gray, 40% silt, 60% sand, some rust staining, damp, dense
					55	Top of Seal 55 feet				
						Top of Filter 58 feet				
					60	Top of Screen 60 feet				
			18 22 29	89.2	65	Depth to water 66 feet		SM	2.5Y 6/1	Silty SAND: gray, 20% silt, 80% fine sand, moist, very dense water encountered at 66 feet
					70					
					75					
					80	Bottom of Screen 80 feet				

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-13
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
								SM		Silty SAND, continued
					85					
										Boring terminated at 85 feet.
					90					
					95					
					100					
					105					
					110					
					115					
					120					
					125					

Well Construction Log

Kennedy/Jenks Consultants

BORING LOCATION: Southwest of Building 3		Boring/Well Name: TMW-14	
DRILLING COMPANY: West Hazmat	DRILLER: Scott Campbell	Project Name: Boeing C-6 Facility	
DRILLING METHOD (S): CME 75, Hollow Stem Auger	DRILL BIT (S) SIZE: 8"	Project Number: 994001.00	
BLANK CASING: 2" diam. PVC Schedule 40	FROM +1 TO 65 FT	ELEVATION: Not Surveyed	TOTAL DEPTH: 90 feet
PERFORATED CASING: 2" diam. PVC Schedule 40, 0.010" slot	FROM 65 TO 85 FT	DATE STARTED: 2/3/99	DATE COMPLETED: 2/3/99
SIZE AND TYPE OF FILTER PACK: Lonestar 2/12 Sand	FROM 63 TO 90 FT	DEPTH TO WATER: 72.5 feet	
SEAL: Medium Bentonite Chips	FROM 60 TO 63 FT	LOGGED BY: T. Doyle	
GROUT: Neat Portland Cement	FROM 0 TO 60 FT	SAMPLING METHODS: 2" x 18" California Split-Spoon and CME dry core	WELL COMPLETION: ☐ SURFACE HOUSING ☒ STAND PIPE 2.5 FT

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					5					Backfill Material to 10 feet
			8 10 16	6.7	10			CL	2.5YR 3/1	Silty Sandy CLAY: dark olive brown, 20% silt, 40% fine sand, 40% clay, damp, medium dense, slight plasticity
core										
			8 9 13	29.5	15					
core										
			10 24 17	19.7	20					
core					25			SM	2.5Y 6/4	Silty SAND: light yellowish brown, 30% silt, 70% fine sand, damp, dense
			10 18 16	20.1	30					
core					35					

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-14
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
								SM		Silty SAND, continued
core										
			12 18 22	9.5	40					decreasing silt, mottled with rust stains
core					45					shells from 47 to 49.5 feet
			15 19 30	17.4	50			ML	5Y 4/1	Silty SAND: dark gray, 40% silt, 5% clay, 55% fine sand, damp, dense,
core					55					
			17 23 25	17.4	60	Top of Seal 60 feet		SM	10YR 5/2	Silty SAND: grayish brown, 25% silt, 75% fine sand, damp, dense
						Top of Filter 63 feet				
core					65	Top of Screen 65 feet				rust staining, thin clay stringers, moist
					70					
			7 19 20	14.6		Depth to first water 72.5 feet		ML	2.5YR 3/3	Clayey Silty SAND: dark reddish brown, 10% clay, 30% silt, 60% fine sand water encountered at 72.5 feet shells from 74 to 75 feet
core					75			SM		Silty SAND: 30% silt, 70% fine sand, wet
					80					

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-14
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
core								SM		Silty SAND, continued
					85	Bottom of Screen 85 feet			2.5YR 6/4	light yellowish brown
					90					Boring terminated at 90 feet.
					95					
					100					
					105					
					110					
					115					
					120					
					125					

Well Construction Log

Kennedy/Jenks Consultants

BORING LOCATION: West of Building 3		Boring/Well Name	TMW-15
DRILLING COMPANY: West Hazmat	DRILLER: Scott Campbell	Project Name	Boeing C-6 Facility
DRILLING METHOD (S): CME 75, Hollow Stem Auger	DRILL BIT (S) SIZE: 8"	Project Number	994001.00
BLANK CASING: 2" diam. PVC Schedule 40	FROM 0 TO 62 FT	ELEVATION: Not Surveyed	TOTAL DEPTH: 92 feet
PERFORATED CASING: 2" diam. PVC Schedule 40, 0.010" slot	FROM 62 TO 87 FT	DATE STARTED: 2/4/99	DATE COMPLETED: 2/4/99
SIZE AND TYPE OF FILTER PACK: Lonestar 2/12 Sand	FROM 60 TO 92 FT	DEPTH TO WATER: 72 feet	
SEAL: Medium Bentonite Chips	FROM 57 TO 60 FT	LOGGED BY: T. Doyle	
GROUT: Neat Portland Cement	FROM 0 TO 57 FT	SAMPLING METHODS: 2" x 18" California Split-Spoon	WELL COMPLETION: ☐ SURFACE HOUSING ☒ STAND PIPE 2.5 FT

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
										Backfill Material to 5 feet
✓	✓	✓	8 12 7	8.2	5			CL	10YR 2/2	Silty Sandy CLAY: very dark brown, 20% silt, 30% sand, 50% clay, slight plasticity, damp, medium dense
✓	✓	✓	7 8 11	16.3	10			SC	2.5Y 4/4	Silty Clayey SAND: olive brown, 20% silt, 30% clay, 50% fine sand, damp, medium dense
✓					15					
✓	✓	✓	12 17 20	13.9	20					trace of gravel
✓	✓	✓	16 20 24	13.1	25			SM	7.5YR 5/3	Clayey Silty SAND: brown, 10% clay, 30% silt, 60% fine sand, damp, dense, trace of gravel
					30					
✓	✓	✓	18 21 22	13.2	35			SM	10YR 6/4	Silty SAND: light yellowish brown, damp, dense

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-15
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Description
			18 21 22	13.2				SM	2.5Y 6/4	Silty SAND: light yellowish brown, 40% silt, 60% fine sand, damp, dense
					40					
			18 18 20	14.5	45					
					50					
			16 20 24	12.8	55				2.5Y 4/4	olive brown
						Top of Seal 67 feet				
					60	Top of Filter 60 feet				
						Top of Screen 62 feet				
					65					
								CL	5Y 5/2	Silty Sandy CLAY: olive green, 30% silt, 30% fine sand, 40% clay, damp, hard, slight plasticity
			12 20 29	13.2	70	Depth to water 72 feet		SM	2.5Y 4/4	Silty SAND: olive brown, 30% silt, 70% fine sand, minor clay, moist, dense, some rust staining shell bed at 71.5 feet water encountered at 72 feet
					75					
					80					

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-15
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	
								SM		Silty SAND, continued
					85					
						Bottom of Screen 87 feet				
					90					
					95					Boring terminated at 92 feet.
					100					
					105					
					110					
					115					
					120					
					125					

Well Construction Log

Kennedy/Jenks Consultants

BORING LOCATION: Northeast of Building 20		Boring/Well Name: TMW-16	
DRILLING COMPANY: West Hazmat	DRILLER: Scott Campbell	Project Name: Boeing C-6 Facility	
DRILLING METHOD (S): CME 75, Hollow Stem Auger	DRILL BIT (S) SIZE: 8"	Project Number: 994001.00	
BLANK CASING: 2" diam. PVC Schedule 40	FROM 0 TO 56.5 FT	ELEVATION: Not Surveyed	TOTAL DEPTH: 82.5 feet
PERFORATED CASING: 2" diam. PVC Schedule 40, 0.010" slot	FROM 56.5 TO 76.5 FT	DATE STARTED: 1/29/99	DATE COMPLETED: 1/29/99
SIZE AND TYPE OF FILTER PACK: Lonestar 2/12 Sand	FROM 54.5 TO 82.5 FT	DEPTH TO WATER: 65 feet	
SEAL: Medium Bentonite Chips	FROM 51.7 TO 54.5 FT	LOGGED BY: M. Balderman	
GROUT: Neat Portland Cement	FROM 0 TO 51.7 FT	SAMPLING METHODS: 2" x 18" California Split-Spoon and CME dry core	WELL COMPLETION: ☒ SURFACE HOUSING ☐ STAND PIPE ____ FT

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
										Asphalt at surface 8" gravel/asphalt base
								ML	2.5YR 5/2	Clayey SILT with Minor Fine Sand: weak red, damp, medium stiff
			7 10 14 12 10 11 14 18		5					
								ML	7.5YR 5/3	Clayey SILT with Minor Fine Sand: brown, damp, very stiff
			11 15 17	8.2	10					
										increasing sand below 12 feet 1-inch thickness of disseminated calcite at 13.5 feet
core					15			SM	7.5YR 5/3	Fine Silty SAND: brown, 60% sand, damp, dense
			10 14 20	12.4	20					
core								CL	7.5YR 5/2	Silty CLAY with Minor Fine Sand: brown, irregular calcite stringers, damp, hard
			12 15 30	11.5	25					
core								ML	2.5Y 5/4	Sandy SILT: light olive brown, 40% fine sand, damp, hard clayey silt interbed from 27.7 to 28 feet calcite stringers at 29.5 feet
			14 17 20	17.2	30					
core					35			SM	2.5Y 6/4	Fine Silty SAND: light yellowish brown, 80% sand, damp, dense

Well Construction Log

Kennedy/Jenks Consultants

Boring/Well Name TMW-16
Project Name Boeing C-6 Facility
Project Number 994001.00

SAMPLES: Driven	Recovered	Collected	Blows per 6"	Head Space Reading (mg/L)	Depth (feet)	WELL CONSTRUCTION	Graphic Log	USCS Log	Munsell Color	Description
core								SM		Fine Silty SAND, continued
										hard caliche nodules from 36.5 to 37 feet
									2.5Y 6/2	light brownish gray
			20 25 27	8.9	40					
core					45					hard calcite nodules at 47.3 feet abundant calcite cement to 50 feet
			10 14 25	13.9	50			CL	2.5Y 6/2	Silty CLAY: light brownish gray, trace of fine sand, damp to moist, hard
						Top of Seal 51.7 feet				
								CL		Sandy CLAY: 30% fine sand
						Top of Filter 54.5 feet		SM	2.5Y 7/1	Fine Silty SAND: light gray, 80% sand
core					55			ML	2.5Y 6/2	Clayey SILT: light brownish gray, trace of fine sand, damp, hard
						Top of Screen 56.5 feet		ML	2.5Y 5/2	Fine Sandy SILT: grayish brown, 40% sand, trace of fine mica, moist, hard
								SM		grades to Silty SAND
			11 16 23	22.7	60	Depth to first water 61 feet		ML		grades to Sandy SILT
								SM ML	2.5Y 5/4	water encountered at 61 feet Fine Silty SAND and Sandy SILT: light olive brown, trace of fine mica, wet, dense
core					65			ML	2.5Y 5/3	Fine Sandy SILT: light olive brown, 30% fine sand clayey, moist, hard
								SM	2.5Y 5/4	Fine Silty SAND: light olive brown, 50% sand
					70			CL	7.5YR 5/6 7.5YR 6/1	Silty CLAY: mottled strong brown and gray, trace of fine sand, wet, hard
								ML	2.5Y 5/4	Fine Sandy SILT: light olive brown, 35% sand, wet, hard
core					75	Bottom of Screen 76.5 feet		SM	2.5Y 5/2	Fine Silty SAND: grayish brown, 65% sand, trace of fine mica, wet, dense
					80					Boring terminated at 82.5 feet.

APPENDIX C

LABORATORY REPORTS FROM SOIL ANALYSES

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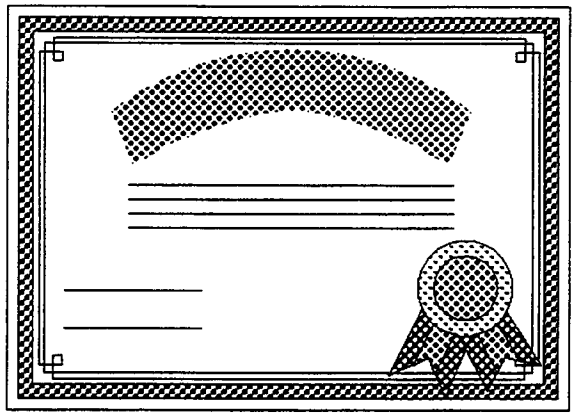
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (602) 736-0960 Fax (602) 736-0970



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 10695

Analytical Method: 8260, 8270, 8015m gas, 8015m diesel, 8080 Pest, Title 22 metals

Date Sampled: 01/28/99
Date Received: 01/28/99
Date Reported: 02/05/99

Sample Matrix: Soil & Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/01/99
Reported: 02/05/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99010243	TMW-10-SB-1-01	N.D.
99010244	TMW-10-SB-2-05	N.D.
99010245	TMW-10-SB-3-10	N.D.
99010246	TMW-10-SB-4-20	N.D.
99010247	TMW-10-SB-4-20D	N.D.
99010248	TMW-10-SB-5-30	N.D.
99010249	TMW-10-SB-6-50	N.D.
99010250	TMW-10-SB-7-65	N.D.

Detection Limit:	5.0

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water,
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS µg/l***
99010251	Rinsate #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.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water,
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/03/99
Reported: 02/05/99

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	CLIENT SAMPLE NUMBER	SAMPLE RESULTS mg/l
99010251	Rinsate #1	N.D.
Detection Limit:		0.5

Analyte reported as N.D. was not present above the stated limit of detection.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

Laboratory Reference #: KJC 10691

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	*CLIENT SAMPLE NUMBER*	*SAMPLE RESULTS mg/kg*
99010243	TMW-10-SB-1-01	N.D.
99010244	TMW-10-SB-2-05	N.D.
99010245	TMW-10-SB-3-10	N.D.
99010246	TMW-10-SB-4-20	N.D.
99010247	TMW-10-SB-4-20D	N.D.
99010248	TMW-10-SB-5-30	N.D.
99010249	TMW-10-SB-6-50	N.D.
99010250	TMW-10-SB-7-65	N.D.

Detection Limit:	8.0

Analyte reported as N.D. was not present above the stated limit of detection.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water, OCA TB 550/551
Laboratory Sample Number: 99010242
Laboratory Reference #: KJC 10695

Sampled:
Received: 01/28/99
Analyzed: 02/03/99
Reported: 02/05/99

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, OCA TB 550/551
Laboratory Sample Number: 99010242
Laboratory Reference #: KJC 10695

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	103
Toluene-d8	101
4-Bromofluorobenzene	101

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water, Rinsate #1
Laboratory Sample Number: 99010251
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/03/99
Reported: 02/05/99

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, Rinsate #1
Laboratory Sample Number: 99010251
Laboratory Reference #: KJC 10695

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	96
Toluene-d8	99
4-Bromofluorobenzene	98

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-1-01
Laboratory Sample Number: 99010243
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/01/99
Reported: 02/05/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-10-SB-1-01
Laboratory Sample Number: 99010243
Laboratory Reference #: KJC 10695

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	93
Toluene-d8	100
4-Bromofluorobenzene	97

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-2-05
Laboratory Sample Number: 99010244
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-10-SB-2-05
Laboratory Sample Number: 99010244
Laboratory Reference #: KJC 10695

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	95
Toluene-d8	99
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-3-10
Laboratory Sample Number: 99010245
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-10-SB-3-10
Laboratory Sample Number: 99010245
Laboratory Reference #: KJC 10695

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	97
Toluene-d8	97
4-Bromofluorobenzene	100

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-4-20
Laboratory Sample Number: 99010246
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-10-SB-4-20
Laboratory Sample Number: 99010246
Laboratory Reference #: KJC 10695

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	96
Toluene-d8	100
4-Bromofluorobenzene	100

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-4-20D
Laboratory Sample Number: 99010247
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/01/99
Reported: 02/05/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION LIMIT (ug/kg)	SAMPLE RESULTS (ug/kg)
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-10-SB-4-20D
Laboratory Sample Number: 99010247
Laboratory Reference #: KJC 10695

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	98
Toluene-d8	102
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-5-30
Laboratory Sample Number: 99010248
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION LIMIT (ug/kg)	SAMPLE RESULTS (ug/kg)
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-10-SB-5-30
Laboratory Sample Number: 99010248
Laboratory Reference #: KJC 10695

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

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	5.0	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	95
Toluene-d8	98
4-Bromofluorobenzene	98

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-6-50
Laboratory Sample Number: 99010249
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-10-SB-6-50
Laboratory Sample Number: 99010249
Laboratory Reference #: KJC 10695

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

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	5.0	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	98
Toluene-d8	97
4-Bromofluorobenzene	100

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-7-65
Laboratory Sample Number: 99010250
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-10-SB-7-65
Laboratory Sample Number: 99010250
Laboratory Reference #: KJC 10695

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

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	5.0	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	99
Toluene-d8	99
4-Bromofluorobenzene	99

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-1-01
Laboratory Sample Number: 99010243
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-10-SB-1-01
Laboratory Sample Number: 99010243
Laboratory Reference #: KJC 10695

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-2-05
Laboratory Sample Number: 99010244
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-10-SB-2-05
Laboratory Sample Number: 99010244
Laboratory Reference #: KJC 10695

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-3-10
Laboratory Sample Number: 99010245
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-10-SB-3-10
Laboratory Sample Number: 99010245
Laboratory Reference #: KJC 10695

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-4-20
Laboratory Sample Number: 99010246
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-10-SB-4-20
Laboratory Sample Number: 99010246
Laboratory Reference #: KJC 10695

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-4-20D
Laboratory Sample Number: 99010247
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-10-SB-4-20D
Laboratory Sample Number: 99010247
Laboratory Reference #: KJC 10695

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-5-30
Laboratory Sample Number: 99010248
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-10-SB-5-30
Laboratory Sample Number: 99010248
Laboratory Reference #: KJC 10695

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-6-50
Laboratory Sample Number: 99010249
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-10-SB-6-50
Laboratory Sample Number: 99010249
Laboratory Reference #: KJC 10695

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-7-65
Laboratory Sample Number: 99010250
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 01/29/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-10-SB-7-65
Laboratory Sample Number: 99010250
Laboratory Reference #: KJC 10695

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water, Rinsate #1
Laboratory Sample Number: 99010251
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 625)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/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	108-60-1	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 ether	7005-72-3	5.0	N.D.
Chrysene	218-01-9	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.

Sample Description: Water, Rinsate #1
Laboratory Sample Number: 99010251
Laboratory Reference #: KJC 10695

SEMI VOLATILE ORGANICS BY GC/MS (EPA 625) ***(continued)***

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/L	SAMPLE RESULTS µg/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-Nitrosodipropylamine	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
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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-1-01
Laboratory Sample Number: 99010243
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.6
Barium	6010	0.1	63
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	23
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	5.6
Copper	6010	0.1	11
Lead	6010	1.0	3.7
Mercury	7471	0.1	0.14
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	13
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	32
Zinc	6010	0.1	44

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

Sample Description: Soil, TMW-10-SB-2-05
Laboratory Sample Number: 99010244
Laboratory Reference #: KJC 10695

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	1.9
Barium	6010	0.1	93
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	17
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.9
Copper	6010	0.1	14
Lead	6010	1.0	4.4
Mercury	7471	0.1	0.45
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	12
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	40
Zinc	6010	0.1	43

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

Sample Description: Soil, TMW-10-SB-3-10
Laboratory Sample Number: 99010245
Laboratory Reference #: KJC 10695

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	5.2
Barium	6010	0.1	120
Beryllium	6010	0.1	0.82
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	30
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	10
Copper	6010	0.1	34
Lead	6010	1.0	7.4
Mercury	7471	0.1	0.17
Molybdenum	6010	0.5	1.2
Nickel	6010	0.1	26
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	60
Zinc	6010	0.1	68

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

Sample Description: Soil, TMW-10-SB-4-20
Laboratory Sample Number: 99010246
Laboratory Reference #: KJC 10695

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.9
Barium	6010	0.1	160
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	23
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	10
Copper	6010	0.1	29
Lead	6010	1.0	5.9
Mercury	7471	0.1	0.24
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	20
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	51
Zinc	6010	0.1	67

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

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Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

Sample Description: Soil, TMW-10-SB-4-20D
Laboratory Sample Number: 99010247
Laboratory Reference #: KJC 10695

CCR - METALS

ANALYTE	EPA METHOD	DETECTION LIMIT mg/kg	SAMPLE RESULTS mg/kg
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.8
Barium	6010	0.1	150
Beryllium	6010	0.1	0.63
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	23
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	10
Copper	6010	0.1	31
Lead	6010	1.0	6.1
Mercury	7471	0.1	0.24
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	20
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	51
Zinc	6010	0.1	68

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

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Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-5-30
Laboratory Sample Number: 99010248
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	6.2
Barium	6010	0.1	170
Beryllium	6010	0.1	0.58
Cadmium	6010	0.1	0.82
Chromium (Total)	6010	0.1	25
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	9.0
Copper	6010	0.1	28
Lead	6010	1.0	5.3
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	21
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	59
Zinc	6010	0.1	60

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

Sample Description: Soil, TMW-10-SB-6-50
Laboratory Sample Number: 99010249
Laboratory Reference #: KJC 10695

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	28
Barium	6010	0.1	66
Beryllium	6010	0.1	0.56
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	23
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	7.8
Copper	6010	0.1	29
Lead	6010	1.0	5.3
Mercury	7471	0.1	0.18
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	15
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	63
Zinc	6010	0.1	46

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-7-65
Laboratory Sample Number: 99010250
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	N.D.
Barium	6010	0.1	35
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	11
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	5.6
Copper	6010	0.1	9.0
Lead	6010	1.0	2.1
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	17
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	17
Zinc	6010	0.1	28

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 1/29-02/01/99
Reported: 02/05/99

Sample Description: Water, Rinsate #1
Laboratory Sample Number: 99010251
Laboratory Reference #: KJC 10695

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/l***	***SAMPLE RESULTS 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 (Total)	6010	0.01	N.D.
Chromium (VI)	7196	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.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-1-01
Laboratory Sample Number: 99010243
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-2-05
Laboratory Sample Number: 99010244
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-3-10
Laboratory Sample Number: 99010245
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-4-20
Laboratory Sample Number: 99010246
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-4-20D
Laboratory Sample Number: 99010247
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-5-30
Laboratory Sample Number: 99010248
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-6-50
Laboratory Sample Number: 99010249
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-10-SB-7-65
Laboratory Sample Number: 99010250
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water, Rinsate #1
Laboratory Sample Number: 99010251
Laboratory Reference #: KJC 10695

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/03/99
Reported: 02/05/99

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.

Orange Coast Analytical

Mark Noorani
Laboratory Director

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 02/01/99
Laboratory Sample No : 99010246
Laboratory Reference No : KJC 10695

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	51	49	102	98	4
1,1-Dichloroethene	0.0	50	56	55	112	110	2
Trichloroethene	0.0	50	59	56	118	112	5
Toluene	0.0	50	49	47	98	94	4
Chlorobenzene	0.0	50	54	52	108	104	4

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 Organics by GC/MS (EPA 8260)

Date of Analysis : 02/03/99
Laboratory Sample No : 99010242
Laboratory Reference No : KJC 10695

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	20	19	100	95	5
Trichloroethene	0.0	20	19	19	95	95	0
Toluene	0.0	20	18	18	90	90	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

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 01/29/99
Laboratory Sample No : 99010246
Laboratory Reference No : KJC 10695

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	35	35	70	70	0
n-Nitroso-di-n-propylamine	0.0	50	41	41	82	82	0
1,2,4-Trichlorobenzene	0.0	50	34	36	68	72	6
Acenaphthene	0.0	50	34	32	68	64	6
Pyrene	0.0	50	34	34	68	68	0
Pentachlorophenol	0.0	100	62	65	62	65	5
4-Chloro-3-Methylphenol	0.0	100	68	75	68	75	10
2-Chlorophenol	0.0	100	70	71	70	71	1
Phenol	0.0	100	68	68	68	68	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

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 02/02/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10695

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	37	38	74	76	3
n-Nitroso-di-n-propylamine	0.0	50	46	48	92	96	4
1,2,4-Trichlorobenzene	0.0	50	39	38	78	76	3
Acenaphthene	0.0	50	42	39	84	78	7
Pyrene	0.0	50	40	41	80	82	2
Pentachlorophenol	0.0	100	79	75	79	75	5
4-Chloro-3-Methylphenol	0.0	100	80	80	80	80	0
2-Chlorophenol	0.0	100	76	74	76	74	3
Phenol	0.0	100	43	44	43	44	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

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 02/02/99
Laboratory Sample No : 99010226
Laboratory Reference No : KJC 10695

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	50	44	46	88	92	4

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 : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 02/03/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10695

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.56	0.51	56	51	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

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 02/01/99
Laboratory Sample No : 99010227
Laboratory Reference No : KJC 10695

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	43	42	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

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 02/02/99
Laboratory Sample No : 99010300
Laboratory Reference No : CET 10558

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	250	252	245	101	98	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

QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 02/02/99
Laboratory Sample No : 99010245
Laboratory Reference No : KJC 10695

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	100	100	107	100	107	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

QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 02/03/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10695

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	5.0	3.5	3.3	70	66	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

QC DATA REPORT

Analysis : Metals

Date of Analysis : 01/29-02/01/99
Laboratory Sample No : 99010245, 99010243, OCA200
Laboratory Reference No : KJC 10695

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	10.0	10.0	10.5	100	105	5
Arsenic	0.10	10.0	10.1	10.5	100	104	4
Barium	2.31	5.00	7.96	8.23	113	118.4	3
Beryllium	0.02	1.00	1.06	1.10	104	108	4
Cadmium	0.00	1.00	1.01	1.05	101	105	4
Chromium (Total)	0.59	1.00	1.58	1.63	99	104	3
Chromium (VI)	0.0	5.0	4.1	4.0	82	80	2
Cobalt	0.21	1.00	1.14	1.18	93	97	3
Copper	0.68	1.00	1.79	1.85	111	117	3
Lead	0.15	5.00	4.64	4.80	90	93	3
Mercury	0.17	1.00	1.24	1.17	107	100	6
Molybdenum	0.00	5.00	4.92	5.10	98	102	4
Nickel	0.53	5.00	5.52	5.70	100	103	3
Selenium	0.00	10.0	10.1	10.4	101	104	3
Silver	0.00	5.00	5.24	5.50	105	110	5
Thallium	0.00	10.0	8.81	9.01	88	90	2
Vanadium	1.20	5.00	6.20	6.41	100	104	3
Zinc	1.36	1.00	2.33	2.41	97	105	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

QC DATA REPORT

Analysis : Metals

Date of Analysis : 01/29-02/01/99
Laboratory Sample No : 99010251, OCA100
Laboratory Reference No : KJC 10695

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	1.00	0.95	0.91	95	91	4
Arsenic	0.00	1.00	0.99	0.96	99	96	3
Barium	0.00	0.10	0.11	0.11	110	110	0
Beryllium	0.00	0.10	0.11	0.10	110	100	10
Cadmium	0.00	0.10	0.10	0.10	100	100	0
Chromium (Total)	0.00	0.10	0.10	0.10	100	100	0
Chromium (VI)	0.00	0.50	0.48	0.46	96	92	4
Cobalt	0.00	0.10	0.10	0.10	100	100	0
Copper	0.00	0.10	0.11	0.10	110	100	10
Lead	0.00	1.00	1.01	0.99	101	99	2
Mercury	0.000	0.020	0.017	0.017	85	85	0
Molybdenum	0.00	1.00	1.02	1.00	102	100	2
Nickel	0.00	0.50	0.56	0.55	112	110	2
Selenium	0.00	1.00	0.99	0.99	99	99	0
Silver	0.00	0.50	0.52	0.51	104	102	2
Thallium	0.00	1.00	1.00	1.01	100	101	1
Vanadium	0.00	0.50	0.53	0.52	106	104	2
Zinc	0.00	0.10	0.11	0.11	110	110	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

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 _____ of _____

REQUIRED TAT: _____

CUSTOMER INFORMATION

COMPANY: Kennedy Jenks
SEND REPORT TO: Mr Ron Purcell
ADDRESS: 2151 Michelson Dr
Suite 100
Irvine CA 92612
PHONE: 261-1577 FAX: 261-2134

PROJECT INFORMATION

PROJECT NAME: Bronk G-6
NUMBER: KJ 994001-00
LOCATION:
ADDRESS:
SAMPLED BY: Baldermann

ANALYSIS/METHOD REQUEST: VOC 8260, SVOC 8270, TPH gas 8015, 8020 - Benzene, Title 22 Metals

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC 8260	SVOC 8270	TPH gas 8015	8020 - Benzene	Title 22 Metals				REMARKS/PRECAUTIONS
OCA TB-550/551	2	—	—	Water	40 ml VOA	Hcl	X								
TMW-10-SB-1-01	1	1/28/99	0822	Soil	2"x6" SS Tube	—	X	X	X	X	X				
TMW-10-SB-2-05	1	"	0827	"	"	—	X	X	X	X	X				
TMW-10-SB-3-10	1	"	0838	"	"	—	X	X	X	X	X				
TMW-10-SB-4-20	1	"	0850	"	"	—	X	X	X	X	X				
TMW-10-SB-4-20D	1	"	0850	"	"	—	X	X	X	X	X				
TMW-10-SB-5-30	1	"	0905	"	"	—	X	X	X	X	X				
TMW-10-SB-6-50	1	"	0951	"	"	—	X	X	X	X	X				
TMW-10-SB-7-65	1	"	1035	"	"	—	X	X	X	X	X				
RINSATE #1	4	"	1352	Water	40 ml VOA	Hcl	X		X						
RINSATE #1	3	"	1352	"	1 Litre Amb	—		X	X	X					
RINSATE #1	1	"	1352	"	250 ml P	HNO3					X				

Joy Knight 1-29

Total No. of Samples: 10

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	1/28/99 1520		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 1/28/99 15:2[illegible]

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 [illegible]

Post-it™ Fax Note 7671
To: Mark or Marie
Co./Dept.: OCA
Phone #:
Fax #:
Date: 1-29
# of pages ▶ 1
From: Joy Knight
Co.: KJ
Phone #:
Fax #:

Analysis Request and Ch[illegible] of Custody Record

Lab Job No: _____ _____
Page _____ of _____

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

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

REQUIRED TAT: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Kennedy Jenks	PROJECT NAME:	Boeing C-6
SEND REPORT TO:	Mr Rus Purcell	NUMBER:	KJ994001-00
ADDRESS:	2151 Michelson Dr Suite 100 Irvine CA 92612	LOCATION:	
		ADDRESS:	
PHONE: 261-1577	FAX: 261-2134	SAMPLED BY:	Balderman

ANALYSIS/METHOD REQUEST: VOC-8260, SVOC-8270, TPH g & d-8015, 8080-Pesticides, Title 22 Metals

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC-8260	SVOC-8270	TPH g & d-8015	8080-Pesticides	Title 22 Metals				REMARKS/PRECAUTIONS
OCA TB-550/551	2	—	—	Water	40ml VOA	HCl	X								
TMW-10-SB-1-01	1	1/28/99	0822	Soil	2"x6" SS Tube	—	X	X	X	X	X	X	X	X	
TMW-10-SB-2-05	1	"	0827	"	"	—									
TMW-10-SB-3-10	1	"	0838	"	"	—									
TMW-10-SB-4-20	1	"	0850	"	"	—									
TMW-10-SB-4-20D	1	"	0850	"	"	—									
TMW-10-SB-5-30	1	"	0905	"	"	—									
TMW-10-SB-6-50	1	"	0951	"	"	—									
TMW-10-SB-7-65	1	"	1035	"	"	—									
Rinsate #1	4	"	1352	Water	40ml VOA	HCl	X		X						
Rinsate #1	3	"	1352	"	1L Ab	—		X	X	X					
Rinsate #1	1	"	1352	"	250ml P	HNO3					X				

Total No. of Samples: 10

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	1/28/99 1520		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 1/28/99 15:2[illegible]

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

Sample Integrity: (check)
intact _____

BOE-C6-0141955

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 _____ of _____

REQUIRED TAT: _____

CUSTOMER INFORMATION

COMPANY: Kennedy Jenks
SEND REPORT TO: Mr Ron Purcell
ADDRESS: 2151 Michelson Dr
Suite 100
Irvine CA 92612
PHONE: 261-1577 FAX: 261-2134

PROJECT INFORMATION

PROJECT NAME: Boeing C-6
NUMBER: KJ 194001-00
LOCATION:
ADDRESS:
SAMPLED BY: Baldorman

ANALYSIS/METHOD REQUEST: VOC 8260, SVOC 8270, TPH gas 8015, 8080 - Pesticides, Title 22 Metals

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC 8260	SVOC 8270	TPH gas 8015	8080 - Pesticides	Title 22 Metals				REMARKS/PRECAUTIONS
OCA TB-550/551	2	—	—	Water	40 ml VOA	HCl	X								
TMW-10-SB-1-01	1	1/28/98	0822	Soil	2"x6" Sc Tube	—	X	X	X	X	X	X	X	X	
TMW-10-SB-2-05	1	"	0827	"	"	—	X	X	X	X	X				
TMW-10-SB-3-10	1	"	0838	"	"	—	X	X	X	X	X				
TMW-10-SB-4-20	1	"	0850	"	"	—	X	X	X	X	X				
TMW-10-SB-4-20D	1	"	0850	"	"	—	X	X	X	X	X				
TMW-10-SB-5-30	1	"	0905	"	"	—	X	X	X	X	X				
TMW-10-SB-6-50	1	"	0951	"	"	—	X	X	X	X	X				
TMW-10-SB-7-65	1	"	1035	"	"	—	X	X	X	X	X				
RINSATE #1	4	"	1352	Water	40 ml VOA	HCl	X		X						
RINSATE #1	3	"	1352	"	1 Liter Amb	—		X	X	X					
RINSATE #1	1	"	1352	"	250 ml P	HNO3					X				

Jay [illegible] 1-29-98

Total No. of Samples: 10

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	1/28/99 1520		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 1/28/99 15:2[illegible]

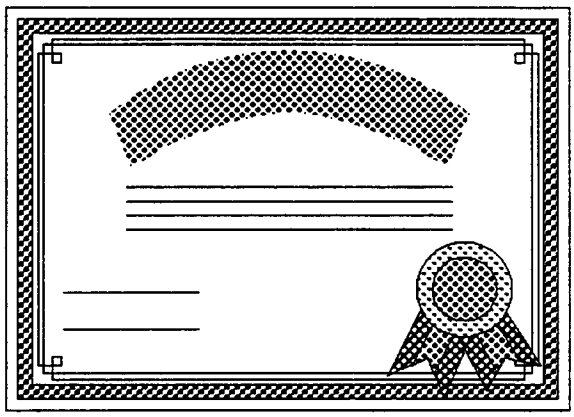
Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

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 [illegible]

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

FEB 1 1999



ORANGE COAST ANALYTICAL THANKS YOU FOR YOUR BUSINESS

THE FOLLOWING PAGES ARE THE ANALYSIS REPORT

ON THE SAMPLES YOU REQUESTED.

IF YOU HAVE ANY QUESTIONS REGARDING THIS REPORT

PLEASE FEEL FREE TO CONTACT US.

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

LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 2001

Laboratory Director's Name (Print) : Mark Noorani

Client: Kennedy Jenks Consultants

Project No.: Boeing C-6

Project Name: 994001.00

Laboratory Reference: KJC 10706

Analytical Method: 8260, 8270, 8015m gas, 8015m diesel, 8080 Pest, Title 22 metals

Date Sampled: 02/01/99
Date Received: 02/01/99
Date Reported: 02/08/99

Sample Matrix: Soil & Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99020005	TMW-11-SB-1-01	N.D.
99020006	TMW-11-SB-2-05	N.D.
99020007	TMW-11-SB-3-10	N.D.
99020008	TMW-11-SB-4-20	N.D.
99020009	TMW-11-SB-5-30	N.D.
99020010	TMW-11-SB-6-40	N.D.
99020011	TMW-11-SB-7-50	N.D.
99020012	TMW-11-SB-8-63	N.D.

Detection Limit:	5.0

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/04/99
Reported: 02/08/99

Laboratory Reference #: KJC 10706

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99020005	TMW-11-SB-1-01	N.D.
99020006	TMW-11-SB-2-05	N.D.
99020007	TMW-11-SB-3-10	N.D.
99020008	TMW-11-SB-4-20	N.D.
99020009	TMW-11-SB-5-30	N.D.
99020010	TMW-11-SB-6-40	N.D.
99020011	TMW-11-SB-7-50	N.D.
99020012	TMW-11-SB-8-63	N.D.

Detection Limit:	8.0

Analyte reported as N.D. was not present above the stated limit of detection.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Water, OCA TB 557/558
Laboratory Sample Number: 99020004
Laboratory Reference #: KJC 10706

Sampled:
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

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.

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

Sample Description: Water, OCA TB 557/558
Laboratory Sample Number: 99020004
Laboratory Reference #: KJC 10706

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	102
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-11-SB-1-01
Laboratory Sample Number: 99020005
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-11-SB-1-01
Laboratory Sample Number: 99020005
Laboratory Reference #: KJC 10706

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	91
Toluene-d8	102
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
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2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-11-SB-2-05
Laboratory Sample Number: 99020006
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-11-SB-2-05
Laboratory Sample Number: 99020006
Laboratory Reference #: KJC 10706

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	97
Toluene-d8	102
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sample Description: Soil, TMW-11-SB-3-10
Laboratory Sample Number: 99020007
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-11-SB-3-10
Laboratory Sample Number: 99020007
Laboratory Reference #: KJC 10706

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	96
Toluene-d8	102
4-Bromofluorobenzene	98

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sample Description: Soil, TMW-11-SB-4-20
Laboratory Sample Number: 99020008
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-11-SB-4-20
Laboratory Sample Number: 99020008
Laboratory Reference #: KJC 10706

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	95
Toluene-d8	100
4-Bromofluorobenzene	97

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-11-SB-5-30
Laboratory Sample Number: 99020009
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-11-SB-5-30
Laboratory Sample Number: 99020009
Laboratory Reference #: KJC 10706

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	97
Toluene-d8	99
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sample Description: Soil, TMW-11-SB-6-40
Laboratory Sample Number: 99020010
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-11-SB-6-40
Laboratory Sample Number: 99020010
Laboratory Reference #: KJC 10706

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	97
Toluene-d8	100
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Soil, TMW-11-SB-7-50
Laboratory Sample Number: 99020011
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-11-SB-7-50
Laboratory Sample Number: 99020011
Laboratory Reference #: KJC 10706

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	93
Toluene-d8	100
4-Bromofluorobenzene	98

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

Sample Description: Soil, TMW-11-SB-8-63
Laboratory Sample Number: 99020012
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	20
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-11-SB-8-63
Laboratory Sample Number: 99020012
Laboratory Reference #: KJC 10706

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	100
Toluene-d8	99
4-Bromofluorobenzene	98

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-1-01
Laboratory Sample Number: 99020005
Laboratory Reference #: KJC 10706

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-2-05
Laboratory Sample Number: 99020006
Laboratory Reference #: KJC 10706

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-11-SB-1-01
Laboratory Sample Number: 99020005
Laboratory Reference #: KJC 10706

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Sample Description: Soil, TMW-11-SB-2-05
Laboratory Sample Number: 99020006
Laboratory Reference #: KJC 10706

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sample Description: Soil, TMW-11-SB-3-10
Laboratory Sample Number: 99020007
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-11-SB-3-10
Laboratory Sample Number: 99020007
Laboratory Reference #: KJC 10706

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-4-20
Laboratory Sample Number: 99020008
Laboratory Reference #: KJC 10706

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-11-SB-4-20
Laboratory Sample Number: 99020008
Laboratory Reference #: KJC 10706

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-5-30
Laboratory Sample Number: 99020009
Laboratory Reference #: KJC 10706

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophénol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-11-SB-5-30
Laboratory Sample Number: 99020009
Laboratory Reference #: KJC 10706

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-6-40
Laboratory Sample Number: 99020010
Laboratory Reference #: KJC 10706

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-11-SB-6-40
Laboratory Sample Number: 99020010
Laboratory Reference #: KJC 10706

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

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

Sample Description: Soil, TMW-11-SB-7-50
Laboratory Sample Number: 99020011
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-11-SB-7-50
Laboratory Sample Number: 99020011
Laboratory Reference #: KJC 10706

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-8-63
Laboratory Sample Number: 99020012
Laboratory Reference #: KJC 10706

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-11-SB-8-63
Laboratory Sample Number: 99020012
Laboratory Reference #: KJC 10706

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-1-01
Laboratory Sample Number: 99020005
Laboratory Reference #: KJC 10706

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	6.9
Barium	6010	0.1	160
Beryllium	6010	0.1	0.57
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	22
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	9.0
Copper	6010	0.1	26
Lead	6010	1.0	14
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	18
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	46
Zinc	6010	0.1	100

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

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-2-05
Laboratory Sample Number: 99020006
Laboratory Reference #: KJC 10706

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	2.9
Barium	6010	0.1	150
Beryllium	6010	0.1	0.62
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	22
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	9.3
Copper	6010	0.1	21
Lead	6010	1.0	5.9
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	18
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	48
Zinc	6010	0.1	57

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

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-3-10
Laboratory Sample Number: 99020007
Laboratory Reference #: KJC 10706

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.7
Barium	6010	0.1	110
Beryllium	6010	0.1	0.52
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	21
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.8
Copper	6010	0.1	26
Lead	6010	1.0	5.4
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	19
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	46
Zinc	6010	0.1	53

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

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

Sample Description: Soil, TMW-11-SB-4-20
Laboratory Sample Number: 99020008
Laboratory Reference #: KJC 10706

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02-05/99
Reported: 02/08/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.1
Barium	6010	0.1	140
Beryllium	6010	0.1	0.55
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	23
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	9.3
Copper	6010	0.1	30
Lead	6010	1.0	6.3
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	18
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	51
Zinc	6010	0.1	60

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

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-5-30
Laboratory Sample Number: 99020009
Laboratory Reference #: KJC 10706

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.6
Barium	6010	0.1	140
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	18
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.1
Copper	6010	0.1	21
Lead	6010	1.0	4.8
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	15
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	42
Zinc	6010	0.1	53

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

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-6-40
Laboratory Sample Number: 99020010
Laboratory Reference #: KJC 10706

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	8.2
Barium	6010	0.1	53
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	10
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	3.5
Copper	6010	0.1	6.9
Lead	6010	1.0	2.0
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	1.1
Nickel	6010	0.1	7.9
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	24
Zinc	6010	0.1	27

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

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-7-50
Laboratory Sample Number: 99020011
Laboratory Reference #: KJC 10706

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	7.0
Barium	6010	0.1	29
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	11
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	3.0
Copper	6010	0.1	4.9
Lead	6010	1.0	3.3
Mercury	7471	0.1	0.12
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	5.8
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	20
Zinc	6010	0.1	15

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

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/02-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-8-63
Laboratory Sample Number: 99020012
Laboratory Reference #: KJC 10706

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	N.D.
Barium	6010	0.1	59
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	17
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	6.9
Copper	6010	0.1	16
Lead	6010	1.0	3.7
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	13
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	28
Zinc	6010	0.1	39

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

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-1-01
Laboratory Sample Number: 99020005
Laboratory Reference #: KJC 10706

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	10	N.D.
alpha-BHC	319-84-6	10	N.D.
beta-BHC	319-85-7	10	N.D.
delta-BHC	319-86-8	20	N.D.
gamma-BHC (Lindane)	58-89-9	10	N.D.
Chlordane	57-74-9	100	N.D.
4,4'-DDD	72-54-8	20	90
4,4'-DDE	72-55-9	50	130
4,4'-DDT	50-29-3	10	65
Dieldrin	60-57-1	20	N.D.
Endosulfan I	959-98-8	10	N.D.
Endosulfan II	33212-65-9	20	N.D.
Endosulfan sulfate	1031-07-8	100	N.D.
Endrin	72-20-8	20	N.D.
Endrin aldehyde	7421-93-4	20	N.D.
Heptachlor	76-44-8	10	N.D.
Heptachlor epoxide	1024-57-3	10	N.D.
Methoxychlor	72-43-5	300	N.D.
Toxaphene	8001-35-2	350	N.D.

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

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-2-05
Laboratory Sample Number: 99020006
Laboratory Reference #: KJC 10706

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-3-10
Laboratory Sample Number: 99020007
Laboratory Reference #: KJC 10706

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-4-20
Laboratory Sample Number: 99020008
Laboratory Reference #: KJC 10706

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-5-30
Laboratory Sample Number: 99020009
Laboratory Reference #: KJC 10706

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-6-40
Laboratory Sample Number: 99020010
Laboratory Reference #: KJC 10706

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-7-50
Laboratory Sample Number: 99020011
Laboratory Reference #: KJC 10706

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/01/99
Received: 02/01/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Soil, TMW-11-SB-8-63
Laboratory Sample Number: 99020012
Laboratory Reference #: KJC 10706

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 02/02/99
Laboratory Sample No : 99020006
Laboratory Reference No : KJC 10706

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	49	49	98	98	0
1,1-Dichloroethene	0.0	50	51	52	102	104	2
Trichloroethene	0.0	50	51	53	102	106	4
Toluene	0.0	50	46	49	92	98	6
Chlorobenzene	0.0	50	51	53	102	106	4

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 Organics by GC/MS (EPA 8260)

Date of Analysis : 02/03/99
Laboratory Sample No : 99010242
Laboratory Reference No : KJC 10706

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	20	19	100	95	5
Trichloroethene	0.0	20	19	19	95	95	0
Toluene	0.0	20	18	18	90	90	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

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 02/03/99
Laboratory Sample No : 99020009
Laboratory Reference No : KJC 10706

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	42	42	84	84	0
1,2,4-Trichlorobenzene	0.0	50	36	37	72	74	3
Acenaphthene	0.0	50	36	36	72	72	0
Pyrene	0.0	50	36	37	72	74	3
Pentachlorophenol	0.0	100	66	65	66	65	2
4-Chloro-3-Methylphenol	0.0	100	75	74	75	74	1
2-Chlorophenol	0.0	100	67	67	67	67	0
Phenol	0.0	100	67	66	67	66	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

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis :2/3/99
Laboratory Sample No :99020007
Laboratory Reference No : KJC 10706

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	50	38	33	76	66	14

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 : 02/03/99
Laboratory Sample No : 99020010
Laboratory Reference No : KJC 10706

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	41	40	82	80	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

QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 02/04/99
Laboratory Sample No : 99020010
Laboratory Reference No : KJC 10706

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	100	95	96	95	96	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

QC DATA REPORT

Analysis : Metals

Date of Analysis : 02/02-05/99
Laboratory Sample No : 99010293, 99020005
Laboratory Reference No : KJC 10706

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	10.0	9.92	10.0	99	100	1
Arsenic	0.07	10.0	10.3	10.3	102	102	0
Barium	3.88	5.00	8.27	8.27	88	88	0
Beryllium	0.00	1.00	0.98	0.98	98	98	0
Cadmium	0.00	1.00	0.98	0.98	98	98	0
Chromium (Total)	0.46	1.00	1.38	1.38	92	92	0
Chromium (VI)	0.00	5.0	4.2	4.1	84	82	2
Cobalt	0.20	1.00	1.09	1.09	89	89	0
Copper	0.54	1.00	1.54	1.54	100	100	0
Lead	0.12	5.00	4.55	4.56	89	89	0
Mercury	0.00	1.00	0.99	1.00	99	100	1
Molybdenum	0.00	5.00	4.93	4.94	99	99	0
Nickel	0.36	5.00	5.03	5.03	93	93	0
Selenium	0.00	10.0	10.3	10.2	103	102	1
Silver	0.00	5.00	5.45	5.46	109	109	0
Thallium	0.00	10.0	8.59	8.67	86	87	1
Vanadium	0.93	5.00	5.62	5.63	94	94	0
Zinc	1.24	1.00	2.16	2.16	92	92	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

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page _____ of _____

ORANGE COAST ANALYTICAL, INC.

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

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

REQUIRED TAT: _____

CUSTOMER INFORMATION

COMPANY: KENNEDY JENKS
SEND REPORT TO: Mr Rick Pierce
ADDRESS: 2151 MICHELSON DR SUITE 100 IRVINE CA - 92612
PHONE: 949/261-1577 FAX: 949/261-2134

PROJECT INFORMATION

PROJECT NAME: BOEING C-6
NUMBER: 994001.00
LOCATION:
ADDRESS:
SAMPLED BY: BALDERMAN

ANALYSIS/METHOD REQUEST: VOC - 8260; SVOC - 8270; TPH - gas 8015; Pesticides - 8080; Title 22 metals

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC - 8260	SVOC - 8270	TPH - gas 8015	Pesticides - 8080	Title 22 metals				REMARKS/PRECAUTIONS
TRIP BLANK OCA TB 557-558	2	—	—	WATER	40-1 VOA	HCL	X								
TMW-11-SB-1-01	1	2/1/99	0845	SOIL	2"x6" SOIL	—	X	X	X	X	X				
TMW-11-SB-2-05	1	"	0920	"	"	—	X	X	X	X	X				
TMW-11-SB-3-10	1	"	0927	"	"	—	X	X	X	X	X				
TMW-11-SB-4-20	1	"	0934	"	"	—	X	X	X	X	X				
TMW-11-SB-5-30	1	"	0942	"	"	—	X	X	X	X	X				
TMW-11-SB-6-40	1	"	0952	"	"	—	X	X	X	X	X				
TMW-11-SB-7-50	1	"	1000	"	"	—	X	X	X	X	X				
TMW-11-SB-8-63	1	"	1013	"	"	—	X	X	X	X	X				

Total No. of Samples: 9

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	2/1/99 - 1228	Tim Doyle	2/1/99 12:28
Tim Doyle	2/1/99 15:30		

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

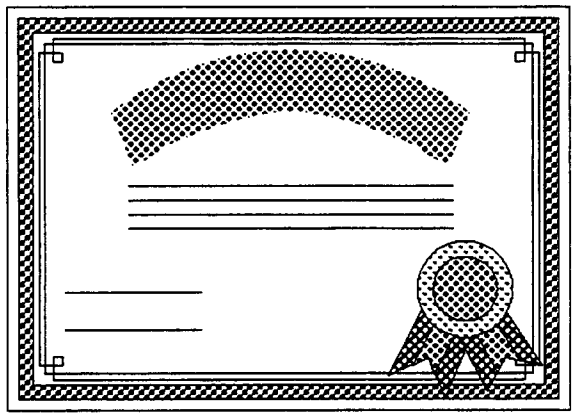
Received For Lab By: [signature] Date/Time: 2/1/99 15:30

Sample Integrity: (check) [illegible]

All samples remain the property of the client who is responsible for disposal. [illegible]

BOE-C6-0142018

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 10691

Analytical Method: 8260, 8270, 8015m gas, 8015m diesel, 8080 Pest, Title 22 metals

Date Sampled: 01/27/99
Date Received: 01/27/99
Date Reported: 02/02/99

Sample Matrix: Soil & Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 02/01/99
Reported: 02/02/99

Laboratory Reference #: KJC 10691

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99010222	TMW-12-SB-1-02	N.D.
99010223	TMW-12-SB-2-05	N.D.
99010224	TMW-12-SB-3-20	N.D.
99010225	TMW-12-SB-4-30	N.D.
99010226	TMW-12-SB-5-40	N.D.
99010227	TMW-12-SB-6-50	N.D.
99010228	TMW-12-SB-7-67	N.D.

Detection Limit:	5.0

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99010222	TMW-12-SB-1-02	N.D.
99010223	TMW-12-SB-2-05	N.D.
99010224	TMW-12-SB-3-20	N.D.
99010225	TMW-12-SB-4-30	N.D.
99010226	TMW-12-SB-5-40	N.D.
99010227	TMW-12-SB-6-50	N.D.
99010228	TMW-12-SB-7-67	N.D.
Detection Limit:		8.0

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

Sample Description: Water, OCA TB453
Laboratory Sample Number: 99010221
Laboratory Reference #: KJC 10691

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	0.5	N.D.
Carbon Disulfide	75-15-0	1.0	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	1.0	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	1.0	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	1.0	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	0.5	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.

Sample Description: Water, OCA TB453
Laboratory Sample Number: 99010221
Laboratory Reference #: KJC 10691

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

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	99
Toluene-d8	98
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-1-02
Laboratory Sample Number: 99010222
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-12-SB-1-02
Laboratory Sample Number: 99010222
Laboratory Reference #: KJC 10691

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	102
Toluene-d8	102
4-Bromofluorobenzene	96

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-2-05
Laboratory Sample Number: 99010223
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-12-SB-2-05
Laboratory Sample Number: 99010223
Laboratory Reference #: KJC 10691

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	100
Toluene-d8	102
4-Bromofluorobenzene	98

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-3-20
Laboratory Sample Number: 99010224
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	6.2
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-12-SB-3-20
Laboratory Sample Number: 99010224
Laboratory Reference #: KJC 10691

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	98
Toluene-d8	100
4-Bromofluorobenzene	99

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-4-30
Laboratory Sample Number: 99010225
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	17
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-12-SB-4-30
Laboratory Sample Number: 99010225
Laboratory Reference #: KJC 10691

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	98
Toluene-d8	101
4-Bromofluorobenzene	99

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-5-40
Laboratory Sample Number: 99010226
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	15
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-12-SB-5-40
Laboratory Sample Number: 99010226
Laboratory Reference #: KJC 10691

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	93
Toluene-d8	101
4-Bromofluorobenzene	98

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-6-50
Laboratory Sample Number: 99010227
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	25
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-12-SB-6-50
Laboratory Sample Number: 99010227
Laboratory Reference #: KJC 10691

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	97
Toluene-d8	101
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-7-67
Laboratory Sample Number: 99010228
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	50	N.D.
Carbon Disulfide	75-15-0	100	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	100	N.D.
Chloroform	67-66-3	50	400
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	100	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	N.D.
Trichlorofluoromethane	75-69-4	100	N.D.
Vinyl acetate	108-05-4	100	N.D.
Vinyl chloride	75-01-4	50	N.D.
Total Xylenes	1330-20-7	50	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.

Sample Description: Soil, TMW-12-SB-7-67
Laboratory Sample Number: 99010228
Laboratory Reference #: KJC 10691

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	95
Toluene-d8	99
4-Bromofluorobenzene	98

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-1-02
Laboratory Sample Number: 99010222
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Orange Coast Analytical, Inc.

Sample Description: Soil, TMW-12-SB-1-02
Laboratory Sample Number: 99010222
Laboratory Reference #: KJC 10691

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

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-2-05
Laboratory Sample Number: 99010223
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Orange Coast Analytical, Inc.

Sample Description: Soil, TMW-12-SB-2-05
Laboratory Sample Number: 99010223
Laboratory Reference #: KJC 10691

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

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

Sample Description: Soil, TMW-12-SB-3-20
Laboratory Sample Number: 99010224
Laboratory Reference #: KJC 10691

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Orange Coast Analytical, Inc.

Sample Description: Soil, TMW-12-SB-3-20
Laboratory Sample Number: 99010224
Laboratory Reference #: KJC 10691

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-4-30
Laboratory Sample Number: 99010225
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Orange Coast Analytical, Inc.

Sample Description: Soil, TMW-12-SB-4-30
Laboratory Sample Number: 99010225
Laboratory Reference #: KJC 10691

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-5-40
Laboratory Sample Number: 99010226
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	180
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Orange Coast Analytical, Inc.

Sample Description: Soil, TMW-12-SB-5-40
Laboratory Sample Number: 99010226
Laboratory Reference #: KJC 10691

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-6-50
Laboratory Sample Number: 99010227
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Orange Coast Analytical, Inc.

Sample Description: Soil, TMW-12-SB-6-50
Laboratory Sample Number: 99010227
Laboratory Reference #: KJC 10691

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-7-67
Laboratory Sample Number: 99010228
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 01/28/99
Reported: 02/02/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Orange Coast Analytical, Inc.

Sample Description: Soil, TMW-12-SB-7-67
Laboratory Sample Number: 99010228
Laboratory Reference #: KJC 10691

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

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-1-02
Laboratory Sample Number: 99010222
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 1/28-2/01/99
Reported: 02/02/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	2.2
Barium	6010	0.1	98
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	15
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.4
Copper	6010	0.1	14
Lead	6010	1.0	4.6
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	10
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	33
Zinc	6010	0.1	31

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-2-05
Laboratory Sample Number: 99010223
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 1/28-2/01/99
Reported: 02/02/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	2.8
Barium	6010	0.1	190
Beryllium	6010	0.1	0.89
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	27
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.0
Copper	6010	0.1	16
Lead	6010	1.0	6.2
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	18
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	55
Zinc	6010	0.1	52

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-3-20
Laboratory Sample Number: 99010224
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 1/28-2/01/99
Reported: 02/02/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.8
Barium	6010	0.1	180
Beryllium	6010	0.1	0.80
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	27
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	13
Copper	6010	0.1	40
Lead	6010	1.0	8.0
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	23
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	64
Zinc	6010	0.1	78

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-4-30
Laboratory Sample Number: 99010225
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 1/28-2/01/99
Reported: 02/02/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.7
Barium	6010	0.1	100
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	18
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	5.0
Copper	6010	0.1	19
Lead	6010	1.0	4.6
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	14
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	36
Zinc	6010	0.1	46

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-5-40
Laboratory Sample Number: 99010226
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 1/28-2/01/99
Reported: 02/02/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.9
Barium	6010	0.1	26
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	6.9
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	1.8
Copper	6010	0.1	3.4
Lead	6010	1.0	2.2
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	4.4
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	14
Zinc	6010	0.1	14

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
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Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-6-50
Laboratory Sample Number: 99010227
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 1/28-2/01/99
Reported: 02/02/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	6.0
Barium	6010	0.1	51
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	12
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	4.8
Copper	6010	0.1	14
Lead	6010	1.0	3.2
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	12
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	24
Zinc	6010	0.1	36

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-7-67
Laboratory Sample Number: 99010228
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 1/28-2/01/99
Reported: 02/02/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.6
Barium	6010	0.1	63
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	22
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	5.6
Copper	6010	0.1	11
Lead	6010	1.0	3.7
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	13
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	32
Zinc	6010	0.1	44

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-1-02
Laboratory Sample Number: 99010222
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 02/01/99
Reported: 02/02/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-2-05
Laboratory Sample Number: 99010223
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 02/01/99
Reported: 02/02/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-3-20
Laboratory Sample Number: 99010224
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 02/01/99
Reported: 02/02/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-4-30
Laboratory Sample Number: 99010225
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 02/01/99
Reported: 02/02/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-5-40
Laboratory Sample Number: 99010226
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 02/01/99
Reported: 02/02/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-6-50
Laboratory Sample Number: 99010227
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 02/01/99
Reported: 02/02/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil, TMW-12-SB-7-67
Laboratory Sample Number: 99010228
Laboratory Reference #: KJC 10691

Sampled: 01/27/99
Received: 01/27/99
Analyzed: 02/01/99
Reported: 02/02/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 : 01/28/99
Laboratory Sample No : 99010226
Laboratory Reference No : KJC 10691

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	51	50	102	100	2
1,1-Dichloroethene	0.0	50	36	37	72	74	3
Trichloroethene	0.0	50	61	59	122	118	3
Toluene	0.0	50	53	51	106	102	4
Chlorobenzene	0.0	50	57	56	114	112	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 : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 01/28/99
Laboratory Sample No : 99010220
Laboratory Reference No : KJC 10691

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	20	18	100	90	11
1,1-Dichloroethene	0.0	20	21	18	105	90	15
Trichloroethene	0.0	20	20	18	100	90	11
Toluene	0.0	20	18	16	90	80	12
Chlorobenzene	0.0	20	20	19	100	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 : 01/28/99
Laboratory Sample No : 99010224
Laboratory Reference No : KJC 10691

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	39	40	78	80	3
n-Nitroso-di-n-propylamine	0.0	50	45	47	90	94	4
1,2,4-Trichlorobenzene	0.0	50	39	40	78	80	3
Acenaphthene	0.0	50	38	38	76	76	0
Pyrene	0.0	50	40	42	80	84	5
Pentachlorophenol	0.0	100	72	70	72	70	3
4-Chloro-3-Methylphenol	0.0	100	80	80	80	80	0
2-Chlorophenol	0.0	100	77	78	77	78	1
Phenol	0.0	100	82	75	82	75	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 : Organochlorine Pesticides (EPA 8080)

Date of Analysis :02/01/99
Laboratory Sample No :99010226
Laboratory Reference No : KJC 10691

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	50	44	46	88	92	4

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 : 02/01/99
Laboratory Sample No : 99010222
Laboratory Reference No : KJC 10691

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	50	49	100	98	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 : Diesel (EPA 8015m)

Date of Analysis : 01/28/99
Laboratory Sample No : 99010227
Laboratory Reference No : KJC 10691

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	100	79	81	79	81	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 : 01/28-02/01/99
Laboratory Sample No : 99010198, 99010222
Laboratory Reference No : KJC 10691

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	10.0	10.6	10.8	106	108	2
Arsenic	0.20	10.0	10.6	10.6	104	104	0
Barium	4.55	5.00	10.3	10.3	115	115	0
Beryllium	0.00	1.00	1.09	1.09	109	109	0
Cadmium	0.00	1.00	1.04	1.04	104	104	0
Chromium (Total)	0.63	1.00	1.64	1.65	101	102	1
Chromium (VI)	0.0	5.0	3.5	3.6	70	72	3
Cobalt	0.11	1.00	1.08	1.08	97	97	0
Copper	0.37	1.00	1.47	1.47	110	110	0
Lead	8.92	5.00	13.6	13.7	94	96	1
Mercury	0.00	1.00	0.90	0.90	90	90	0
Molybdenum	0.0	5.00	5.14	5.12	103	102.4	0
Nickel	0.3	5.00	5.44	5.44	103	103	0
Selenium	0.0	10.0	10.5	10.6	105	106	1
Silver	0.0	5.00	5.29	5.35	106	107	1
Thallium	0.0	10.0	9.41	9.08	94	91	4
Vanadium	0.7	5.00	5.86	5.86	103	103	0
Zinc	2.0	1.00	2.99	3.02	98	101	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.

Analysis Request and C[illegible]n of Custody Record

Lab Job No: _____
Page 1 of 1

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

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

REQUIRED TAT: _____

CUSTOMER INFORMATION

COMPANY: Kennedy Jenks
SEND REPORT TO: Mr Rick Purcell
ADDRESS: 2151 Michelson Dr
Suite 100
Irvine, CA 92612
PHONE: 949/261-1577 FAX: 949-261-2134

PROJECT INFORMATION

PROJECT NAME: Boeing C-6
NUMBER: KJ994001.00
LOCATION:
ADDRESS:
SAMPLED BY: Baldoman

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC 8260	SVOC 8270	8015-TPH g&d	8080 Pesticides	Title 22 Metals				REMARKS/PRECAUTIONS
OCA TB 453	1	—	—	Water	40ml VOA		X								
TMW-12-SB-1-02	1	1/27/99	0845	Soil	2"x6" Sleeve	—	X	X	X	X	X				
TMW-12-SB-2-05	1	"	0850	"	"	—	X	X	X	X	X				
TMW-12-SB-3-20	1	"	0910	"	"	—	X	X	X	X	X				
TMW-12-SB-4-30	1	"	0920	"	"	—	X	X	X	X	X				
TMW-12-SB-5-40	1	"	0945	"	"	—	X	X	X	X	X				
TMW-12-SB-6-50	1	"	1005	"	"	—	X	X	X	X	X				
TMW-12-SB-7-67	1	"	1115	"	"	—	X	X	X	X	X				

Total No. of Samples: 8

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
M Baldoman	1/27/99 1525		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	1/27/99 15:25

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

Sample Integrity: (check)
intact _____ on ice _____

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

BOE-C6-0142074

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 10708

Analytical Method: 8260, 8270, 8015m gas, 8015m diesel, 8080 Pest, Title 22 metals

Date Sampled: 02/02/99
Date Received: 02/02/99
Date Reported: 02/05/99

Sample Matrix: Soil & Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Water, OCA TB-559/560
Laboratory Sample Number: 99020014
Laboratory Reference #: KJC 10708

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

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, OCA TB-559/560
Laboratory Sample Number: 99020014
Laboratory Reference #: KJC 10708

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	100
4-Bromofluorobenzene	98

Orange Coast Analytical, Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

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

Sample Description: Soil, TMW-13-SB-1-01
Laboratory Sample Number: 99020015
Laboratory Reference #: KJC 10708

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-13-SB-1-01
Laboratory Sample Number: 99020015
Laboratory Reference #: KJC 10708

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	102
Toluene-d8	104
4-Bromofluorobenzene	95

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-2-05
Laboratory Sample Number: 99020016
Laboratory Reference #: KJC 10708

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-13-SB-2-05
Laboratory Sample Number: 99020016
Laboratory Reference #: KJC 10708

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	100
Toluene-d8	103
4-Bromofluorobenzene	95

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-3-10
Laboratory Sample Number: 99020017
Laboratory Reference #: KJC 10708

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-13-SB-3-10
Laboratory Sample Number: 99020017
Laboratory Reference #: KJC 10708

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	98
Toluene-d8	100
4-Bromofluorobenzene	98

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-4-20
Laboratory Sample Number: 99020018
Laboratory Reference #: KJC 10708

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-13-SB-4-20
Laboratory Sample Number: 99020018
Laboratory Reference #: KJC 10708

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

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	5.0	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	99
Toluene-d8	101
4-Bromofluorobenzene	100

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-5-30
Laboratory Sample Number: 99020019
Laboratory Reference #: KJC 10708

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-13-SB-5-30
Laboratory Sample Number: 99020019
Laboratory Reference #: KJC 10708

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	102
Toluene-d8	97
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

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

Sample Description: Soil, TMW-13-SB-6-40
Laboratory Sample Number: 99020020
Laboratory Reference #: KJC 10708

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-13-SB-6-40
Laboratory Sample Number: 99020020
Laboratory Reference #: KJC 10708

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	91
Toluene-d8	99
4-Bromofluorobenzene	97

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-7-50
Laboratory Sample Number: 99020021
Laboratory Reference #: KJC 10708

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

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION Limit (ug/kg)	SAMPLE RESULTS (ug/kg)
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	3.0
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-13-SB-7-50
Laboratory Sample Number: 99020021
Laboratory Reference #: KJC 10708

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	95
Toluene-d8	100
4-Bromofluorobenzene	101

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

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

Sample Description: Soil, TMW-13-SB-8-65
Laboratory Sample Number: 99020022
Laboratory Reference #: KJC 10708

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-13-SB-8-65
Laboratory Sample Number: 99020022
Laboratory Reference #: KJC 10708

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	100
Toluene-d8	97
4-Bromofluorobenzene	100

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil,
Laboratory Reference #: KJC 10708

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

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99020015	TMW-13-SB-1-01	N.D.
99020016	TMW-13-SB-2-05	N.D.
99020017	TMW-13-SB-3-10	N.D.
99020018	TMW-13-SB-4-40	N.D.
99020019	TMW-13-SB-5-30	N.D.
99020020	TMW-13-SB-6-40	N.D.
99020021	TMW-13-SB-7-50	N.D.
99020022	TMW-13-SB-8-65	N.D.

Detection Limit:	5.0

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 Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-1-01
Laboratory Sample Number: 99020015
Laboratory Reference #: KJC 10708

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-13-SB-1-01
Laboratory Sample Number: 99020015
Laboratory Reference #: KJC 10708

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

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

Sample Description: Soil, TMW-13-SB-2-05
Laboratory Sample Number: 99020016
Laboratory Reference #: KJC 10708

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-13-SB-2-05
Laboratory Sample Number: 99020016
Laboratory Reference #: KJC 10708

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

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

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

Sample Description: Soil, TMW-13-SB-3-10
Laboratory Sample Number: 99020017
Laboratory Reference #: KJC 10708

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-13-SB-3-10
Laboratory Sample Number: 99020017
Laboratory Reference #: KJC 10708

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

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Irvine, CA. 92612

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

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

Sample Description: Soil, TMW-13-SB-4-20
Laboratory Sample Number: 99020018
Laboratory Reference #: KJC 10708

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-13-SB-4-20
Laboratory Sample Number: 99020018
Laboratory Reference #: KJC 10708

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-5-30
Laboratory Sample Number: 99020019
Laboratory Reference #: KJC 10708

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-13-SB-5-30
Laboratory Sample Number: 99020019
Laboratory Reference #: KJC 10708

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
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Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-6-40
Laboratory Sample Number: 99020020
Laboratory Reference #: KJC 10708

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-13-SB-6-40
Laboratory Sample Number: 99020020
Laboratory Reference #: KJC 10708

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-7-50
Laboratory Sample Number: 99020021
Laboratory Reference #: KJC 10708

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

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-13-SB-7-50
Laboratory Sample Number: 99020021
Laboratory Reference #: KJC 10708

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

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

Sample Description: Soil, TMW-13-SB-8-65
Laboratory Sample Number: 99020022
Laboratory Reference #: KJC 10708

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-13-SB-8-65
Laboratory Sample Number: 99020022
Laboratory Reference #: KJC 10708

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

Sample Description: Soil, TMW-13-SB-1-01
Laboratory Sample Number: 99020015
Laboratory Reference #: KJC 10708

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

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Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-2-05
Laboratory Sample Number: 99020016
Laboratory Reference #: KJC 10708

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

Sample Description: Soil, TMW-13-SB-3-10
Laboratory Sample Number: 99020017
Laboratory Reference #: KJC 10708

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
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Irvine, CA. 92612

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

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

Sample Description: Soil, TMW-13-SB-4-20
Laboratory Sample Number: 99020018
Laboratory Reference #: KJC 10708

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

Sample Description: Soil, TMW-13-SB-5-30
Laboratory Sample Number: 99020019
Laboratory Reference #: KJC 10708

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

Sample Description: Soil, TMW-13-SB-6-40
Laboratory Sample Number: 99020020
Laboratory Reference #: KJC 10708

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
2151 Michelson Ave. Suite 100
Irvine, CA. 92612

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

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

Sample Description: Soil, TMW-13-SB-7-50
Laboratory Sample Number: 99020021
Laboratory Reference #: KJC 10708

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

Sample Description: Soil, TMW-13-SB-8-65
Laboratory Sample Number: 99020022
Laboratory Reference #: KJC 10708

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
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Irvine, CA. 92612

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

Sample Description: Soil,

Laboratory Reference #: KJC 10708

Sampled: 02/02/99
Received: 02/02/99
Analyzed: 02/04/99
Reported: 02/05/99

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99020015	TMW-13-SB-1-01	N.D.
99020016	TMW-13-SB-2-05	N.D.
99020017	TMW-13-SB-3-10	N.D.
99020018	TMW-13-SB-4-40	N.D.
99020019	TMW-13-SB-5-30	N.D.
99020020	TMW-13-SB-6-40	N.D.
99020021	TMW-13-SB-7-50	N.D.
99020022	TMW-13-SB-8-65	N.D.

Detection Limit:	8.0

Analyte reported as N.D. was not present above the stated limit of detection.

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

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

Sample Description: Soil, TMW-13-SB-1-01
Laboratory Sample Number: 99020015
Laboratory Reference #: KJC 10708

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.6
Barium	6010	0.1	200
Beryllium	6010	0.1	0.53
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	17
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	7.0
Copper	6010	0.1	13
Lead	6010	1.0	4.5
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	12
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	34
Zinc	6010	0.1	30

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcel
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Irvine, CA. 92612

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

Sample Description: Soil, TMW-13-SB-2-05
Laboratory Sample Number: 99020016
Laboratory Reference #: KJC 10708

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

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	2.8
Barium	6010	0.1	130
Beryllium	6010	0.1	0.60
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	19
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.6
Copper	6010	0.1	17
Lead	6010	1.0	5.6
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	17
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	40
Zinc	6010	0.1	45

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

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

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

Sample Description: Soil, TMW-13-SB-3-10
Laboratory Sample Number: 99020017
Laboratory Reference #: KJC 10708

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.0
Barium	6010	0.1	120
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	18
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.2
Copper	6010	0.1	20
Lead	6010	1.0	4.6
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	16
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	40
Zinc	6010	0.1	44

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

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

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

Sample Description: Soil, TMW-13-SB-4-20
Laboratory Sample Number: 99020018
Laboratory Reference #: KJC 10708

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.7
Barium	6010	0.1	91
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	18
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	6.8
Copper	6010	0.1	20
Lead	6010	1.0	5.2
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	1.0
Nickel	6010	0.1	14
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	34
Zinc	6010	0.1	46

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

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Irvine, CA. 92612

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

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

Sample Description: Soil, TMW-13-SB-5-30
Laboratory Sample Number: 99020019
Laboratory Reference #: KJC 10708

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.9
Barium	6010	0.1	32
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	9.2
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	50
Copper	6010	0.1	4.8
Lead	6010	1.0	2.3
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	16
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	18
Zinc	6010	0.1	25

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

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

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

Sample Description: Soil, TMW-13-SB-6-40
Laboratory Sample Number: 99020020
Laboratory Reference #: KJC 10708

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.5
Barium	6010	0.1	21
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	8.9
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	2.9
Copper	6010	0.1	4.0
Lead	6010	1.0	2.2
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	6.2
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	18
Zinc	6010	0.1	21

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

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

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

Sample Description: Soil, TMW-13-SB-7-50
Laboratory Sample Number: 99020021
Laboratory Reference #: KJC 10708

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	5.6
Barium	6010	0.1	59
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	15
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	6.8
Copper	6010	0.1	17
Lead	6010	1.0	4.2
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	14
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	32
Zinc	6010	0.1	43

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

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Irvine, CA. 92612

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

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

Sample Description: Soil, TMW-13-SB-8-65
Laboratory Sample Number: 99020022
Laboratory Reference #: KJC 10708

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.5
Barium	6010	0.1	55
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	11
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	4.9
Copper	6010	0.1	11
Lead	6010	1.0	3.1
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	10
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	20
Zinc	6010	0.1	33

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

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 02/03/99
Laboratory Sample No : 99020017
Laboratory Reference No : KJC 10708

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	51	51	102	102	0
1,1-Dichloroethene	0.0	50	58	55	116	110	5
Trichloroethene	0.0	50	56	55	112	110	2
Toluene	0.0	50	49	49	98	98	0
Chlorobenzene	0.0	50	54	53	108	106	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 : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 02/03/99
Laboratory Sample No : 99010242
Laboratory Reference No : KJC 10708

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	20	19	100	95	5
Trichloroethene	0.0	20	19	19	95	95	0
Toluene	0.0	20	18	18	90	90	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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : EPA 5030 / 8015m

Date of Analysis : 02/03/99
Laboratory Sample No : 99020019
Laboratory Reference No : KJC 10708

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	50	47	100	94	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

MARK NOORANI
Laboratory Director

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 02/03/99
Laboratory Sample No : 99020009
Laboratory Reference No : KJC 10708

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	42	42	84	84	0
1,2,4-Trichlorobenzene	0.0	50	36	37	72	74	3
Acenaphthene	0.0	50	36	36	72	72	0
Pyrene	0.0	50	36	37	72	74	3
Pentachlorophenol	0.0	100	66	65	66	65	2
4-Chloro-3-Methylphenol	0.0	100	75	74	75	74	1
2-Chlorophenol	0.0	100	67	67	67	67	0
Phenol	0.0	100	67	66	67	66	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 : 02/04/99
Laboratory Sample No : 99020018
Laboratory Reference No : KJC 10708

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	50	43	41	86	82	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 : 02/03-05/99
Laboratory Sample No : 99020015
Laboratory Reference No : KJC 10708

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	10.0	10.0	10.2	100	102	2
Arsenic	0.07	10.0	10.3	10.4	102	103	1
Barium	3.93	5.00	8.18	8.23	85	86	1
Beryllium	0.01	1.00	0.97	0.98	96	97	1
Cadmium	0.00	1.00	0.97	0.97	97	97	0
Chromium (Total)	0.34	1.00	1.24	1.24	90	90	0
Chromium (VI)	0.00	5.0	4.5	4.3	90	86	5
Cobalt	0.14	1.00	1.00	1.00	86	86	0
Copper	0.25	1.00	1.24	1.24	99	99	0
Lead	0.09	5.00	4.54	4.56	89	89	0
Mercury	0.00	1.00	0.95	0.98	95	98	3
Molybdenum	0.00	5.00	5.92	4.96	118	99.2	18
Nickel	0.24	5.00	4.81	4.83	91	92	0
Selenium	0.00	10.0	10.2	10.4	102	104	2
Silver	0.00	5.00	5.37	5.39	107	108	0
Thallium	0.00	10.0	8.68	8.88	87	89	2
Vanadium	0.68	5.00	5.35	5.37	93	94	0
Zinc	0.61	1.00	1.49	1.49	88	88	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 : Diesel (EPA 8015m)

Date of Analysis : 02/04/99
Laboratory Sample No : 99020019
Laboratory Reference No : KJC 10708

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	100	80	84	80	84	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.

Analysis Request and Ch of Custody Record

Lab Job No: _____ _____
Page _____ of _____

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

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

REQUIRED TAT: _____

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: KENNEDY/JENKS	PROJECT NAME: Boeing C-6
SEND REPORT TO: Mr. Rus Purcel	NUMBER: 994601.00
ADDRESS: 2151 MICHELSON AVE.	LOCATION:
Suite 100	ADDRESS:
Irvine, Ca 92612	
PHONE: 949-261-1577 FAX: 949-261-2134	SAMPLED BY:

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC-8260	SVOC-8270	TPH-G+D	PESTICIDES 8080	Title 22 METALS				REMARKS/PRECAUTIONS
Trip Blank OCATB-559 OCATB-560	2	—	—	WATER	40-1 VOA										
TMW-13-SB-1-01	1	2/2/99	08:10	Soil	2x6 SS Slv	—		X	X	X	X				
TMW-13-SB-2-05	1		08:25			—									
TMW-13-SB-3-10	1		08:35			—									
TMW-13-SB-4-20	1		08:40			—									
TMW-13-SB-5-30	1		08:45			—									
TMW-13-SB-6-40	1		08:50			—									
TMW-13-SB-7-50	1		09:00			—									
TMW-13-SB-8-65	1	2/2/99	09:20	Soil	2x6 SS Sleeve	—	X	X	X	X	X				

Total No. of Samples: 9

Method of Shipment:

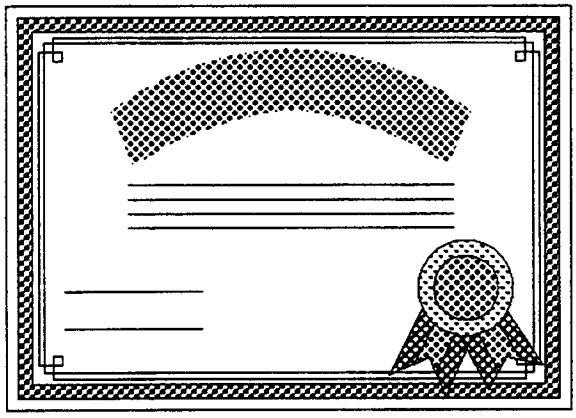
Relinquished By:	Date/Time:	Received By:	Date/Time:
Tim Doyle	2/2/99 14:30		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	2/2/99 14:30

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

Sample Integrity: (check) [illegible]

BOE-C6-0142135

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 10709

Analytical Method: 8260, 8270, 8015m gas, 8015m diesel, 8080 Pest, Title 22 metals

Date Sampled: 02/03/99
Date Received: 02/03/99
Date Reported: 02/10/99

Sample Matrix: Soil & Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Water, OCA TB 261/262
Laboratory Sample Number: 99020026
Laboratory Reference #: KJC 10709

Sampled:
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

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, OCA TB 261/262
Laboratory Sample Number: 99020026
Laboratory Reference #: KJC 10709

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	101
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-1-11
Laboratory Sample Number: 99020027
Laboratory Reference #: KJC 10709

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-14-SB-1-11
Laboratory Sample Number: 99020027
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	99
Toluene-d8	101
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-14-SB-2-16
Laboratory Sample Number: 99020028
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-14-SB-2-16
Laboratory Sample Number: 99020028
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	99
Toluene-d8	99
4-Bromofluorobenzene	100

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-3-21
Laboratory Sample Number: 99020029
Laboratory Reference #: KJC 10709

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-14-SB-3-21
Laboratory Sample Number: 99020029
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	95
Toluene-d8	100
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-4-31
Laboratory Sample Number: 99020030
Laboratory Reference #: KJC 10709

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-14-SB-4-31
Laboratory Sample Number: 99020030
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	96
Toluene-d8	101
4-Bromofluorobenzene	100

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-5-41
Laboratory Sample Number: 99020031
Laboratory Reference #: KJC 10709

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-14-SB-5-41
Laboratory Sample Number: 99020031
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	102
Toluene-d8	99
4-Bromofluorobenzene	99

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-6-51
Laboratory Sample Number: 99020032
Laboratory Reference #: KJC 10709

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-14-SB-6-51
Laboratory Sample Number: 99020032
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	100
Toluene-d8	99
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-7-61
Laboratory Sample Number: 99020033
Laboratory Reference #: KJC 10709

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-14-SB-7-61
Laboratory Sample Number: 99020033
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	100
Toluene-d8	99
4-Bromofluorobenzene	100

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-8-71
Laboratory Sample Number: 99020034
Laboratory Reference #: KJC 10709

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-14-SB-8-71
Laboratory Sample Number: 99020034
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	104
Toluene-d8	98
4-Bromofluorobenzene	100

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-14-SB-1-11
Laboratory Sample Number: 99020027
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-14-SB-1-11
Laboratory Sample Number: 99020027
Laboratory Reference #: KJC 10709

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sample Description: Soil, TMW-14-SB-2-16
Laboratory Sample Number: 99020028
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-14-SB-2-16
Laboratory Sample Number: 99020028
Laboratory Reference #: KJC 10709

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-3-21
Laboratory Sample Number: 99020029
Laboratory Reference #: KJC 10709

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-14-SB-3-21
Laboratory Sample Number: 99020029
Laboratory Reference #: KJC 10709

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-4-31
Laboratory Sample Number: 99020030
Laboratory Reference #: KJC 10709

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-14-SB-4-31
Laboratory Sample Number: 99020030
Laboratory Reference #: KJC 10709

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-5-41
Laboratory Sample Number: 99020031
Laboratory Reference #: KJC 10709

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-14-SB-5-41
Laboratory Sample Number: 99020031
Laboratory Reference #: KJC 10709

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

ANALYTE	*CAS NUMBER*	*DETECTION LIMIT µg/kg*	*SAMPLE RESULTS µg/kg*
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-6-51
Laboratory Sample Number: 99020032
Laboratory Reference #: KJC 10709

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-14-SB-6-51
Laboratory Sample Number: 99020032
Laboratory Reference #: KJC 10709

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-14-SB-7-61
Laboratory Sample Number: 99020033
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-14-SB-7-61
Laboratory Sample Number: 99020033
Laboratory Reference #: KJC 10709

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-14-SB-8-71
Laboratory Sample Number: 99020034
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/04/99
Reported: 02/10/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-14-SB-8-71
Laboratory Sample Number: 99020034
Laboratory Reference #: KJC 10709

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-1-11
Laboratory Sample Number: 99020027
Laboratory Reference #: KJC 10709

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.5
Barium	6010	0.1	120
Beryllium	6010	0.1	0.51
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	20
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	6.7
Copper	6010	0.1	20
Lead	6010	1.0	4.8
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.60
Nickel	6010	0.1	15
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	43
Zinc	6010	0.1	49

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-2-16
Laboratory Sample Number: 99020028
Laboratory Reference #: KJC 10709

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.0
Barium	6010	0.1	130
Beryllium	6010	0.1	0.63
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	22
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	10
Copper	6010	0.1	26
Lead	6010	1.0	6.6
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.66
Nickel	6010	0.1	19
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	45
Zinc	6010	0.1	60

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Soil, TMW-14-SB-3-21
Laboratory Sample Number: 99020029
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.6
Barium	6010	0.1	120
Beryllium	6010	0.1	0.55
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	20
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.7
Copper	6010	0.1	26
Lead	6010	1.0	5.8
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.96
Nickel	6010	0.1	15
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	45
Zinc	6010	0.1	53

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

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-4-31
Laboratory Sample Number: 99020030
Laboratory Reference #: KJC 10709

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.5
Barium	6010	0.1	34
Beryllium	6010	0.1	0.13
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	8.0
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	3.0
Copper	6010	0.1	3.9
Lead	6010	1.0	1.8
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.52
Nickel	6010	0.1	5.1
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	15
Zinc	6010	0.1	19

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Soil, TMW-14-SB-5-41
Laboratory Sample Number: 99020031
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	2.8
Barium	6010	0.1	21
Beryllium	6010	0.1	0.21
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	8.6
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	3.8
Copper	6010	0.1	3.8
Lead	6010	1.0	2.9
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	8.1
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	15
Zinc	6010	0.1	24

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

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-6-51
Laboratory Sample Number: 99020032
Laboratory Reference #: KJC 10709

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.4
Barium	6010	0.1	84
Beryllium	6010	0.1	0.14
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	12
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	3.8
Copper	6010	0.1	9.7
Lead	6010	1.0	3.1
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	3.1
Nickel	6010	0.1	8.4
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	20
Zinc	6010	0.1	25

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

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

Sample Description: Soil, TMW-14-SB-7-61
Laboratory Sample Number: 99020033
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	13
Barium	6010	0.1	33
Beryllium	6010	0.1	0.18
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	9.6
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	4.1
Copper	6010	0.1	9.1
Lead	6010	1.0	2.3
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	8.2
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	19
Zinc	6010	0.1	24

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

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-8-71
Laboratory Sample Number: 99020034
Laboratory Reference #: KJC 10709

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	17
Barium	6010	0.1	84
Beryllium	6010	0.1	0.54
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	28
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	11
Copper	6010	0.1	38
Lead	6010	1.0	8.5
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.65
Nickel	6010	0.1	28
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	40
Zinc	6010	0.1	58

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

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

Sample Description: Soil,
Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99020027	TMW-14-SB-1-11	N.D.
99020028	TMW-14-SB-2-16	N.D.
99020029	TMW-14-SB-3-21	N.D.
99020030	TMW-14-SB-4-31	N.D.
99020031	TMW-14-SB-5-41	N.D.
99020032	TMW-14-SB-6-51	N.D.
99020033	TMW-14-SB-7-61	N.D.
99020034	TMW-14-SB-8-71	N.D.

Detection Limit:	5.0

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

Sample Description: Soil,

Laboratory Reference #: KJC 10709

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99020027	TMW-14-SB-1-11	N.D.
99020028	TMW-14-SB-2-16	N.D.
99020029	TMW-14-SB-3-21	N.D.
99020030	TMW-14-SB-4-31	N.D.
99020031	TMW-14-SB-5-41	N.D.
99020032	TMW-14-SB-6-51	N.D.
99020033	TMW-14-SB-7-61	N.D.
99020034	TMW-14-SB-8-71	N.D.
Detection Limit:		8.0

Analyte reported as N.D. was not present above the stated limit of detection.

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-1-11
Laboratory Sample Number: 99020027
Laboratory Reference #: KJC 10709

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-2-16
Laboratory Sample Number: 99020028
Laboratory Reference #: KJC 10709

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-3-21
Laboratory Sample Number: 99020029
Laboratory Reference #: KJC 10709

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-4-31
Laboratory Sample Number: 99020030
Laboratory Reference #: KJC 10709

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-5-41
Laboratory Sample Number: 99020031
Laboratory Reference #: KJC 10709

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-6-51
Laboratory Sample Number: 99020032
Laboratory Reference #: KJC 10709

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-7-61
Laboratory Sample Number: 99020033
Laboratory Reference #: KJC 10709

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/03/99
Received: 02/03/99
Analyzed: 02/05/99
Reported: 02/10/99

Sample Description: Soil, TMW-14-SB-8-71
Laboratory Sample Number: 99020034
Laboratory Reference #: KJC 10709

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 02/04/99
Laboratory Sample No : 99020030
Laboratory Reference #: KJC 10709

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	45	47	90	94	4
1,1-Dichloroethene	0.0	50	46	51	92	102	10
Trichloroethene	0.0	50	49	53	98	106	8
Toluene	0.0	50	43	44	86	88	2
Chlorobenzene	0.0	50	47	48	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

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis :02/04/99
Laboratory Sample No : 99020050
Laboratory Reference #: KJC 10709

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	19	19	95	95	0
1,1-Dichloroethene	0.0	20	19	18	95	90	5
Trichloroethene	0.0	20	19	19	95	95	0
Toluene	0.0	20	18	18	90	90	0
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

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 02/04/99
Laboratory Sample No : 99020030
Laboratory Reference #: KJC 10709

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	34	36	68	72	6
n-Nitroso-di-n-propylamine	0.0	50	39	44	78	88	12
1,2,4-Trichlorobenzene	0.0	50	35	36	70	72	3
Acenaphthene	0.0	50	33	38	66	76	14
Pyrene	0.0	50	37	36	74	72	3
Pentachlorophenol	0.0	100	64	70	64	70	9
4-Chloro-3-Methylphenol	0.0	100	72	82	72	82	13
2-Chlorophenol	0.0	100	66	71	66	71	7
Phenol	0.0	100	70	69	70	69	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

QC DATA REPORT

Analysis : EPA 5030 / 8015m

Date of Analysis : 02/05/99
Laboratory Sample No : 99020028
Laboratory Reference #: KJC 10709

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	43	44	86	88	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

QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 02/05/99
Laboratory Sample No : 99020029
Laboratory Reference #: KJC 10709

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	100	70	78	70	78	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

QC DATA REPORT

Analysis : Metals

Date of Analysis : 02/05/99
Laboratory Sample No : 99020015
Laboratory Reference #: KJC 10709

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.0	10.0	10.0	10.2	100	102	2
Arsenic	0.00	10.0	10.3	10.4	103	104	1
Barium	3.93	5.00	8.18	8.23	85	86	1
Beryllium	0.00	1.00	0.97	0.98	97	98	1
Cadmium	0.00	1.00	0.97	0.97	97	97	0
Chromium (Total)	0.34	1.00	1.24	1.25	90	91	1
Chromium (VI)	0.0	5.0	3.9	4.0	78	80	3
Cobalt	0.14	1.00	1.00	1.00	86	86	0
Copper	0.25	1.00	1.24	1.24	99	99	0
Lead	0.09	5.00	4.54	4.56	89	89	0
Mercury	0.00	1.00	0.89	0.93	89	93	4
Molybdenum	0.0	5.00	4.92	4.96	98	99	1
Nickel	0.24	5.00	4.81	4.83	91	92	0
Selenium	0.0	10.0	10.2	10.4	102	104	2
Silver	0.0	5.00	5.37	5.39	107	108	0
Thallium	0.0	10.0	8.68	8.88	87	89	2
Vanadium	0.68	5.00	5.35	5.37	93	94	0
Zinc	0.61	1.00	1.49	1.49	88	88	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

QC DATA REPORT

Analysis : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 02/05/99
Laboratory Sample No : 99020030
Laboratory Reference #: KJC 10709

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	50	47	46	94	92	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

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page _____ of _____

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

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

REQUIRED TAT: _____

CUSTOMER INFORMATION

COMPANY: Kennedy/Jenks
SEND REPORT TO: Mr. Eric Ruegg
ADDRESS: 2151 Michelson Ave Suit 100
Irvine, CA 92612
PHONE: 949-261-1577 FAX: 949-261-2134

PROJECT INFORMATION

PROJECT NAME: Boeing C-6
NUMBER: 93400100
LOCATION:
ADDRESS:
SAMPLED BY:

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC-8260	SVOC-8270	TPH-G+D	PESTICIDES 8080	TITLE 22 METALS				REMARKS/PRECAUTIONS
OCA-TB-261	2	—	—	Water			X								
~~Trip Blank OCA-TB-262~~															
TMW-14-SB-1-11	1	2/3/99	7:40	Soil	2x6 SS Slv	—		X	X	X	X				
TMW-14-SB-2-16			7:55			—									
TMW-14-SB-3-21			8:00			—									
TMW-14-SB-4-31			8:10			—									
TMW-14-SB-5-41			8:30			—									
TMW-14-SB-6-51			9:15			—									
TMW-14-SB-7-61			9:45			—									
TMW-14-SB-8-71	1	2/3/99	12:00	Soil	2x6 SS Slv	—	X	X	X	X	X				

Total No. of Samples:

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[illegible]	2/3/99 14:25		
Relinquished By:	Date/Time:	Received By:	Date/Time:
		[illegible]	
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	2/3/99 14:25

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

Sample Integrity: (check)

BOE-C6-0142197

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 10715

Analytical Method: 8260, 8270, 8015m gas, 8015m diesel, 8080 Pest, Title 22 metals

Date Sampled: 02/04/99
Date Received: 02/04/99
Date Reported: 02/11/99

Sample Matrix: Soil & Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

Laboratory Reference #: KJC 10715

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99020057	TMW-15-SB-1-5	N.D.
99020058	TMW-15-SB-2-10	N.D.
99020059	TMW-15-SB-3-20	N.D.
99020060	TMW-15-SB-4-25	N.D.
99020061	TMW-15-SB-5-35	N.D.
99020062	TMW-15-SB-6-45	N.D.
99020063	TMW-15-SB-7-55	N.D.
99020064	TMW-15-SB-8-71	N.D.

Detection Limit:	5.0

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	CLIENT SAMPLE NUMBER	SAMPLE RESULTS mg/kg
99020057	TMW-15-SB-1-5	N.D.
99020058	TMW-15-SB-2-10	N.D.
99020059	TMW-15-SB-3-20	N.D.
99020060	TMW-15-SB-4-25	N.D.
99020061	TMW-15-SB-5-35	N.D.
99020062	TMW-15-SB-6-45	N.D.
99020063	TMW-15-SB-7-55	N.D.
99020064	TMW-15-SB-8-71	N.D.

Detection Limit:	8.0

Analyte reported as N.D. was not present above the stated limit of detection.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Water, OCA TB 563/564
Laboratory Sample Number: 99020057
Laboratory Reference #: KJC 10715

Sampled:
Received: 02/04/99
Analyzed: 02/08/99
Reported: 02/11/99

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, OCA TB 563/564
Laboratory Sample Number: 99020057
Laboratory Reference #: KJC 10715

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	98
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-1-5
Laboratory Sample Number: 99020057
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-15-SB-1-5
Laboratory Sample Number: 99020057
Laboratory Reference #: KJC 10715

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	100
Toluene-d8	102
4-Bromofluorobenzene	94

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-2-10
Laboratory Sample Number: 99020058
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-15-SB-2-10
Laboratory Sample Number: 99020058
Laboratory Reference #: KJC 10715

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	98
Toluene-d8	101
4-Bromofluorobenzene	98

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Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-3-20
Laboratory Sample Number: 99020059
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-15-SB-3-20
Laboratory Sample Number: 99020059
Laboratory Reference #: KJC 10715

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	95
Toluene-d8	101
4-Bromofluorobenzene	96

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-4-25
Laboratory Sample Number: 99020060
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-15-SB-4-25
Laboratory Sample Number: 99020060
Laboratory Reference #: KJC 10715

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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.

* Matrix interference

Surrogate Recoveries	%
Dibromofluoromethane	64*
Toluene-d8	100
4-Bromofluorobenzene	96

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-5-35
Laboratory Sample Number: 99020061
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-15-SB-5-35
Laboratory Sample Number: 99020061
Laboratory Reference #: KJC 10715

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	99
Toluene-d8	99
4-Bromofluorobenzene	98

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-6-45
Laboratory Sample Number: 99020062
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-15-SB-6-45
Laboratory Sample Number: 99020062
Laboratory Reference #: KJC 10715

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	98
Toluene-d8	99
4-Bromofluorobenzene	97

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-7-55
Laboratory Sample Number: 99020063
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	3.0
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-15-SB-7-55
Laboratory Sample Number: 99020063
Laboratory Reference #: KJC 10715

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	96
Toluene-d8	99
4-Bromofluorobenzene	97

Kennedy Jenks Consultants
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Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-8-71
Laboratory Sample Number: 99020064
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

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

Sample Description: Soil, TMW-15-SB-8-71
Laboratory Sample Number: 99020064
Laboratory Reference #: KJC 10715

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	98
Toluene-d8	99
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-1-5
Laboratory Sample Number: 99020057
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-15-SB-1-5
Laboratory Sample Number: 99020057
Laboratory Reference #: KJC 10715

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

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-2-10
Laboratory Sample Number: 99020058
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-15-SB-2-10
Laboratory Sample Number: 99020058
Laboratory Reference #: KJC 10715

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-3-20
Laboratory Sample Number: 99020059
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-15-SB-3-20
Laboratory Sample Number: 99020059
Laboratory Reference #: KJC 10715

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-4-25
Laboratory Sample Number: 99020060
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-15-SB-4-25
Laboratory Sample Number: 99020060
Laboratory Reference #: KJC 10715

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-5-35
Laboratory Sample Number: 99020061
Laboratory Reference #: KJC 10715

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-15-SB-5-35
Laboratory Sample Number: 99020061
Laboratory Reference #: KJC 10715

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-6-45
Laboratory Sample Number: 99020062
Laboratory Reference #: KJC 10715

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-15-SB-6-45
Laboratory Sample Number: 99020062
Laboratory Reference #: KJC 10715

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sample Description: Soil, TMW-15-SB-7-55
Laboratory Sample Number: 99020063
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-15-SB-7-55
Laboratory Sample Number: 99020063
Laboratory Reference #: KJC 10715

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-8-71
Laboratory Sample Number: 99020064
Laboratory Reference #: KJC 10715

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-15-SB-8-71
Laboratory Sample Number: 99020064
Laboratory Reference #: KJC 10715

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05-10/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-1-5
Laboratory Sample Number: 99020057
Laboratory Reference #: KJC 10715

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	5.1
Barium	6010	0.1	130
Beryllium	6010	0.1	0.50
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	18
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	10
Copper	6010	0.1	26
Lead	6010	1.0	21
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	16
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	35
Zinc	6010	0.1	48

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

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05-10/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-2-10
Laboratory Sample Number: 99020058
Laboratory Reference #: KJC 10715

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	6.2
Barium	6010	0.1	150
Beryllium	6010	0.1	0.68
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	26
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	12
Copper	6010	0.1	32
Lead	6010	1.0	7.1
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	22
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	50
Zinc	6010	0.1	61

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

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05-10/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-3-20
Laboratory Sample Number: 99020059
Laboratory Reference #: KJC 10715

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	5.7
Barium	6010	0.1	130
Beryllium	6010	0.1	0.60
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	24
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	12
Copper	6010	0.1	30
Lead	6010	1.0	6.5
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	22
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	47
Zinc	6010	0.1	57

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

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05-10/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-4-25
Laboratory Sample Number: 99020060
Laboratory Reference #: KJC 10715

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.0
Barium	6010	0.1	100
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	18
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.0
Copper	6010	0.1	22
Lead	6010	1.0	5.5
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	1.1
Nickel	6010	0.1	15
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	33
Zinc	6010	0.1	40

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

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05-10/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-5-35
Laboratory Sample Number: 99020061
Laboratory Reference #: KJC 10715

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.8
Barium	6010	0.1	37
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	11
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	4.5
Copper	6010	0.1	5.3
Lead	6010	1.0	2.7
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	8.2
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	22
Zinc	6010	0.1	26

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

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05-10/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-6-45
Laboratory Sample Number: 99020062
Laboratory Reference #: KJC 10715

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.0
Barium	6010	0.1	36
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	8.7
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	3.1
Copper	6010	0.1	6.7
Lead	6010	1.0	2.0
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	7.1
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	14
Zinc	6010	0.1	20

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

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05-10/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-7-55
Laboratory Sample Number: 99020063
Laboratory Reference #: KJC 10715

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	2.7
Barium	6010	0.1	25
Beryllium	6010	0.1	N.D.
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	16
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.8
Copper	6010	0.1	11
Lead	6010	1.0	3.7
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	13
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	18
Zinc	6010	0.1	24

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

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

Sample Description: Soil, TMW-15-SB-8-71
Laboratory Sample Number: 99020064
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/05-10/99
Reported: 02/11/99

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	4.4
Barium	6010	0.1	52
Beryllium	6010	0.1	0.58
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	36
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	8.6
Copper	6010	0.1	29
Lead	6010	1.0	5.1
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	1.5
Nickel	6010	0.1	12
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	40
Zinc	6010	0.1	45

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

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ATTN: Mr. Rus Purcell
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/09/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-1-5
Laboratory Sample Number: 99020057
Laboratory Reference #: KJC 10715

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	2.2
4,4'-DDE	72-55-9	5.0	6.2
4,4'-DDT	50-29-3	1.0	4.7
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/09/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-2-10
Laboratory Sample Number: 99020058
Laboratory Reference #: KJC 10715

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/09/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-3-20
Laboratory Sample Number: 99020059
Laboratory Reference #: KJC 10715

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/09/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-4-25
Laboratory Sample Number: 99020060
Laboratory Reference #: KJC 10715

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-15-SB-5-35
Laboratory Sample Number: 99020061
Laboratory Reference #: KJC 10715

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/09/99
Reported: 02/11/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/09/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-6-45
Laboratory Sample Number: 99020062
Laboratory Reference #: KJC 10715

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/09/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-7-55
Laboratory Sample Number: 99020063
Laboratory Reference #: KJC 10715

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 02/04/99
Received: 02/04/99
Analyzed: 02/09/99
Reported: 02/11/99

Sample Description: Soil, TMW-15-SB-8-71
Laboratory Sample Number: 99020064
Laboratory Reference #: KJC 10715

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	N.D.

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

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 02/05/99
Laboratory Sample No : 99020061
Laboratory Reference No : KJC 10715

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	49	48	98	96	2
1,1-Dichloroethene	0.0	50	51	52	102	104	2
Trichloroethene	0.0	50	51	50	102	100	2
Toluene	0.0	50	47	47	94	94	0
Chlorobenzene	0.0	50	52	51	104	102	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

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 02/08/99
Laboratory Sample No : 99020056
Laboratory Reference No : KJC 10715

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	17	19	85	95	11
1,1-Dichloroethene	0.0	20	19	20	95	100	5
Trichloroethene	0.0	20	18	19	90	95	5
Toluene	0.0	20	18	19	90	95	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

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 02/05/99
Laboratory Sample No : 99020061
Laboratory Reference No : KJC 10715

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	37	38	74	76	3
n-Nitroso-di-n-propylamine	0.0	50	42	44	84	88	5
1,2,4-Trichlorobenzene	0.0	50	38	39	76	78	3
Acenaphthene	0.0	50	39	38	78	76	3
Pyrene	0.0	50	40	40	80	80	0
Pentachlorophenol	0.0	100	69	72	69	72	4
4-Chloro-3-Methylphenol	0.0	100	77	78	77	78	1
2-Chlorophenol	0.0	100	73	75	73	75	3
Phenol	0.0	100	77	80	77	80	4

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 : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 02/09/99
Laboratory Sample No : 99020062
Laboratory Reference No : KJC 10715

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	50	48	51	96	102	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

QC DATA REPORT

Analysis : Volatile Fuel Hydrocarbons (8015m)

Date of Analysis : 02/05/99
Laboratory Sample No : 99020060
Laboratory Reference No : KJC 10715

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	44	45	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

QC DATA REPORT

Analysis : Diesel (EPA 8015m)

Date of Analysis : 02/05/99
Laboratory Sample No : 99020029
Laboratory Reference No : KJC 10715

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	100	70	78	70	78	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

QC DATA REPORT

Analysis : Metals

Date of Analysis : 02/05-02/10/99
Laboratory Sample No : 99020057, 99020065
Laboratory Reference No : KJC 10715

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	10.0	10.7	11.0	107	110	3
Arsenic	0.09	10.0	10.2	10.4	101	103	2
Barium	1.04	5.00	5.30	5.31	85	85	0
Beryllium	0.01	1.00	0.97	0.97	96	96	0
Cadmium	0.00	1.00	0.97	0.99	97	99	2
Chromium (Total)	0.71	1.00	1.60	1.61	89	90	1
Chromium (VI)	0.0	5.0	3.8	3.8	76	76	0
Cobalt	0.17	1.00	1.12	1.13	95	96	1
Copper	0.58	1.00	1.57	1.56	99	98	1
Lead	0.10	5.00	4.49	4.54	88	89	1
Mercury	0.00	1.00	0.93	1.00	93	100	7
Molybdenum	0.03	5.00	4.90	4.96	97	99	1
Nickel	0.24	5.00	4.79	4.85	91	92	1
Selenium	0.00	10.0	10.1	10.3	101	103	2
Silver	0.00	5.00	5.20	5.21	104	104	0
Thallium	0.00	10.0	9.04	9.29	90	93	3
Vanadium	0.81	5.00	5.27	5.26	89	89	0
Zinc	0.90	1.00	1.76	1.77	86	87	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

Analysis Request and C[illegible]n of Custody Record

Lab Job No: _____
Page _____ of _____

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

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

REQUIRED TAT: _____

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: Kennedy/Jenks	PROJECT NAME: Boeing C-6
SEND REPORT TO: Mr. Rus Purcel	NUMBER: 994001.00
ADDRESS: 2151 Michelson Ave Suite 100	LOCATION:
Irvine, Ca 92612	ADDRESS:
PHONE: 949-261-1577 FAX: 949-261-2134	SAMPLED BY: Tim Doyle

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC 8260	SVOC 8270	TPH-G+D	PESTICIDES 8080	TITLE 22 METALS				REMARKS/PRECAUTIONS
Trip Blank OCA-TB-563 OCA-TB-564	2	—	—	Water	40ml VOA		X								
TMW-15-SB-1-5	1	2/4/99		Soil	2x6 SS Slv	—		X	X	X	X				
TMW-15-SB-2-10															
TMW-15-SB-3-20															
TMW-15-SB-4-25															
TMW-15-SB-5-35															
TMW-15-SB-6-45															
TMW-15-SB-7-55															
TMW-15-SB-8-71	1	2/4/99		Soil	2x6 SS Slv	—	X	X	X	X	X				

Total No. of Samples:		Method of Shipment:	
Relinquished By: [signature]	Date/Time: 2/4/99 15:25	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: [signature]	Date/Time: 2/4/99 15:25

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

Sample Integrity: (check) [illegible]

[illegible]

BOE-C6-0142258

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 10705

Analytical Method: 8260, 8270, 8015m gas, 8015m diesel, 8080 Pest, Title 22 metals

Date Sampled: 01/29/99
Date Received: 01/29/99
Date Reported: 02/08/99

Sample Matrix: Soil & Water

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01/99
Reported: 02/08/99

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99010293	TMW-16-SB-1-10	N.D.
99010294	TMW-16-SB-2-25	N.D.
99010295	TMW-16-SB-3-30	N.D.
99010296	TMW-16-SB-4-40	N.D.
99010297	TMW-16-SB-5-50	N.D.
99010298	TMW-16-SB-6-60	N.D.
Detection Limit:		5.0

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 Dr, Sutie 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01/99
Reported: 02/08/99

Sample Description: Water,
Laboratory Reference #: KJC 10705

VOLATILE FUEL HYDROCARBONS (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS µg/l***
99010299	FB #1	N.D.
99010300	FB #2	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/03/99
Reported: 02/08/99

Sample Description: Water,
Laboratory Reference #: KJC 10705

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/l***
99010299	FB #1	N.D.
99010300	FB #2	N.D.

Detection Limit:	0.5

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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Soil,

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/09/99

Laboratory Reference #: KJC 10705

DIESEL (EPA 8015m)

LABORATORY SAMPLE NUMBER	***CLIENT SAMPLE NUMBER***	***SAMPLE RESULTS mg/kg***
99010293	TMW-16-SB-1-10	N.D.
99010294	TMW-16-SB-2-25	N.D.
99010295	TMW-16-SB-3-30	N.D.
99010296	TMW-16-SB-4-40	N.D.
99010297	TMW-16-SB-5-50	N.D.
99010298	TMW-16-SB-6-60	N.D.

Detection Limit:	8.0

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 Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Water, OCA TB 552/553
Laboratory Sample Number: 99010292
Laboratory Reference #: KJC 10705

Sampled:
Received: 01/28/99
Analyzed: 02/01/99
Reported: 02/08/99

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, OCA TB 552/553
Laboratory Sample Number: 99010292
Laboratory Reference #: KJC 10705

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	96
Toluene-d8	101
4-Bromofluorobenzene	98

Orange Coast Analytical, Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-1-10
Laboratory Sample Number: 99010293
Laboratory Reference #: KJC 10705

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-16-SB-1-10
Laboratory Sample Number: 99010293
Laboratory Reference #: KJC 10705

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	94
Toluene-d8	99
4-Bromofluorobenzene	98

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 01/29/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-2-25
Laboratory Sample Number: 99010294
Laboratory Reference #: KJC 10705

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-16-SB-2-25
Laboratory Sample Number: 99010294
Laboratory Reference #: KJC 10705

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	3.1
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	99
Toluene-d8	95
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-3-30
Laboratory Sample Number: 99010295
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 01/29/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION LIMIT (ug/kg)	SAMPLE RESULTS (ug/kg)
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-16-SB-3-30
Laboratory Sample Number: 99010295
Laboratory Reference #: KJC 10705

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	3.7
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	102
Toluene-d8	96
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 01/29/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-4-40
Laboratory Sample Number: 99010296
Laboratory Reference #: KJC 10705

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-16-SB-4-40
Laboratory Sample Number: 99010296
Laboratory Reference #: KJC 10705

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	103
Toluene-d8	97
4-Bromofluorobenzene	99

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 01/29/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-5-50
Laboratory Sample Number: 99010297
Laboratory Reference #: KJC 10705

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-16-SB-5-50
Laboratory Sample Number: 99010297
Laboratory Reference #: KJC 10705

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

ANALYTE	***CAS NUMBER***	***DETECTION Limit (ug/kg)***	***SAMPLE RESULTS (ug/kg)***
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	5.0	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	104
Toluene-d8	99
4-Bromofluorobenzene	100

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-6-60
Laboratory Sample Number: 99010298
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 01/29/99
Reported: 02/08/99

VOLATILE ORGANICS BY GC/MS (EPA 8260)

ANALYTE	CAS NUMBER	DETECTION LIMIT (ug/kg)	SAMPLE RESULTS (ug/kg)
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	2.5	N.D.
Carbon Disulfide	75-15-0	5.0	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	5.0	N.D.
Chloroform	67-66-3	2.5	N.D.
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	N.D.
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	5.0	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	N.D.
Trichlorofluoromethane	75-69-4	5.0	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	2.5	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.

Sample Description: Soil, TMW-16-SB-6-60
Laboratory Sample Number: 99010298
Laboratory Reference #: KJC 10705

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

ANALYTE	*CAS NUMBER*	*DETECTION Limit (ug/kg)*	*SAMPLE RESULTS (ug/kg)*
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	5.0	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	100
Toluene-d8	96
4-Bromofluorobenzene	100

Orange Coast Analytical,Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/28/99
Analyzed: 02/01/99
Reported: 02/08/99

Sample Description: Water, FB#1
Laboratory Sample Number: 99010299
Laboratory Reference #: KJC 10705

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	0.52
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, FB#1
Laboratory Sample Number: 99010299
Laboratory Reference #: KJC 10705

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	96
Toluene-d8	101
4-Bromofluorobenzene	98

Orange Coast Analytical, Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/29/99
Received: 01/28/99
Analyzed: 02/01/99
Reported: 02/08/99

Sample Description: Water, FB#2
Laboratory Sample Number: 99010300
Laboratory Reference #: KJC 10705

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	0.63
Bromoform	75-25-2	0.5	18
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	3.9
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	0.93
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	1.4
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, FB#2
Laboratory Sample Number: 99010300
Laboratory Reference #: KJC 10705

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	101
4-Bromofluorobenzene	98

Orange Coast Analytical, Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-1-10
Laboratory Sample Number: 99010293
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-16-SB-1-10
Laboratory Sample Number: 99010293
Laboratory Reference #: KJC 10705

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-2-25
Laboratory Sample Number: 99010294
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-16-SB-2-25
Laboratory Sample Number: 99010294
Laboratory Reference #: KJC 10705

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

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-3-30
Laboratory Sample Number: 99010295
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-16-SB-3-30
Laboratory Sample Number: 99010295
Laboratory Reference #: KJC 10705

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

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-4-40
Laboratory Sample Number: 99010296
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-16-SB-4-40
Laboratory Sample Number: 99010296
Laboratory Reference #: KJC 10705

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-5-50
Laboratory Sample Number: 99010297
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-16-SB-5-50
Laboratory Sample Number: 99010297
Laboratory Reference #: KJC 10705

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-6-60
Laboratory Sample Number: 99010298
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Acenaphthene	83-32-9	100	N.D.
Acenaphthylene	208-96-8	100	N.D.
Aniline	62-53-3	100	N.D.
Anthracene	120-12-7	100	N.D.
Benzoic acid	65-85-0	500	N.D.
Benzo (a) anthracene	56-55-3	100	N.D.
Benzo (b) fluoranthene	205-99-2	250	N.D.
Benzo (k) fluoranthene	207-08-9	250	N.D.
Benzo (g,h,i) perylene	191-24-2	250	N.D.
Benzo (a) pyrene	50-32-8	250	N.D.
Benzyl alcohol	100-51-6	100	N.D.
bis-(2-chloroethoxy) methane	111-91-1	100	N.D.
bis-(2-chloroethyl) ether	111-44-4	100	N.D.
bis-(2-chloroisopropyl) ether	108-60-1	100	N.D.
bis-(2-ethylhexyl) phthalate	117-81-7	100	N.D.
4-Bromophenyl phenyl ether	101-55-3	100	N.D.
Butyl benzyl phthalate	85-68-7	100	N.D.
4-Chloroaniline	106-47-8	100	N.D.
2-Chloronaphthalene	91-58-7	100	N.D.
4-Chloro-3-methylphenol	59-50-7	100	N.D.
2-Chlorophenol	95-57-8	100	N.D.
4-Chlorophenyl phenyl ether	7005-72-3	100	N.D.
Chrysene	218-01-9	100	N.D.
Dibenz (a,h) anthracene	53-70-3	100	N.D.
Dibenzofuran	132-64-9	100	N.D.
Di-n-butyl phthalate	84-74-2	250	N.D.
1,3-Dichlorobenzene	541-73-1	100	N.D.
1,4-Dichlorobenzene	106-46-7	100	N.D.
1,2-Dichlorobenzene	95-50-1	100	N.D.
3,3-Dichlorobenzidine	91-94-1	100	N.D.
2,4-Dichlorophenol	120-83-2	100	N.D.
Diethyl phthalate	84-66-2	100	N.D.
2,4-Dimethylphenol	105-67-9	100	N.D.
Dimethyl phthalate	131-11-3	100	N.D.
4,6-Dinitro-2-methylphenol	534-52-1	100	N.D.
2,4-Dinitrophenol	51-28-5	100	N.D.

Sample Description: Soil, TMW-16-SB-6-60
Laboratory Sample Number: 99010298
Laboratory Reference #: KJC 10705

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
2,4-Dinitrotoluene	121-14-2	250	N.D.
2,6-Dinitrotoluene	606-20-2	250	N.D.
Di-n-octyl phthalate	117-84-0	250	N.D.
Fluoranthene	206-44-0	100	N.D.
Fluorene	86-73-7	100	N.D.
Hexachlorobenzene	118-74-1	100	N.D.
Hexachlorobutadiene	87-68-3	100	N.D.
Hexachlorocyclopentadiene	77-47-4	100	N.D.
Hexachloroethane	67-72-1	100	N.D.
Indeno (1,2,3-cd) pyrene	193-39-5	250	N.D.
Isophorone	78-59-1	100	N.D.
2-Methylnaphthalene	91-57-6	100	N.D.
2-Methylphenol	95-48-7	100	N.D.
4-Methylphenol	106-44-5	100	N.D.
Naphthalene	91-20-3	100	N.D.
2-Nitroaniline	88-74-4	250	N.D.
3-Nitroaniline	99-09-2	250	N.D.
4-Nitroaniline	100-01-6	250	N.D.
Nitrobenzene	98-95-3	100	N.D.
2-Nitrophenol	88-75-5	100	N.D.
4-Nitrophenol	100-02-7	100	N.D.
n-Nitrosodiphenylamine	86-30-6	100	N.D.
n-Nitrosodipropylamine	621-64-7	100	N.D.
n-Nitrosodimethylamine	62-75-9	100	N.D.
Pentachlorophenol	87-86-5	250	N.D.
Phenanthrene	85-01-8	100	N.D.
Phenol	108-95-2	100	N.D.
Pyrene	129-00-0	100	N.D.
1,2,4-Trichlorobenzene	120-82-1	100	N.D.
2,4,5-trichlorophenol	95-95-4	100	N.D.
2,4,6-Trichlorophenol	88-06-2	100	N.D.

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/08/99

Sample Description: Water, FB#1
Laboratory Sample Number: 99010299
Laboratory Reference #: KJC 10705

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/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	108-60-1	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 ether	7005-72-3	5.0	N.D.
Chrysene	218-01-9	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.

Sample Description: Water, FB#1
Laboratory Sample Number: 99010299
Laboratory Reference #: KJC 10705

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/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-Nitrosodipropylamine	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water, FB#2
Laboratory Sample Number: 99010300
Laboratory Reference #: KJC 10705

Sampled: 01/28/99
Received: 01/28/99
Analyzed: 02/02/99
Reported: 02/08/99

SEMI VOLATILE ORGANICS BY GC/MS (EPA 8270)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/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	108-60-1	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 ether	7005-72-3	5.0	N.D.
Chrysene	218-01-9	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.

Sample Description: Water, FB#2
Laboratory Sample Number: 99010300
Laboratory Reference #: KJC 10705

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

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/l	SAMPLE RESULTS µg/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-Nitrosodipropylamine	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01-03-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-1-10
Laboratory Sample Number: 99010293
Laboratory Reference #: KJC 10705

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.5
Barium	6010	0.1	190
Beryllium	6010	0.1	0.60
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	23
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	10
Copper	6010	0.1	27
Lead	6010	1.0	6.2
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.91
Nickel	6010	0.1	18
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	47
Zinc	6010	0.1	62

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01-03-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-2-25
Laboratory Sample Number: 99010294
Laboratory Reference #: KJC 10705

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	5.4
Barium	6010	0.1	180
Beryllium	6010	0.1	0.76
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	28
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	11
Copper	6010	0.1	38
Lead	6010	1.0	8.3
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	1.7
Nickel	6010	0.1	27
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	63
Zinc	6010	0.1	73

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01-03-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-3-30
Laboratory Sample Number: 99010295
Laboratory Reference #: KJC 10705

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.6
Barium	6010	0.1	54
Beryllium	6010	0.1	0.19
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	10
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	2.7
Copper	6010	0.1	6.7
Lead	6010	1.0	2.4
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.73
Nickel	6010	0.1	8.6
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	21
Zinc	6010	0.1	22

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01-03-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-4-40
Laboratory Sample Number: 99010296
Laboratory Reference #: KJC 10705

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	3.6
Barium	6010	0.1	23
Beryllium	6010	0.1	0.14
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	7.9
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	2.7
Copper	6010	0.1	3.8
Lead	6010	1.0	2.2
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	N.D.
Nickel	6010	0.1	6.0
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	14
Zinc	6010	0.1	20

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01-03-05/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-5-50
Laboratory Sample Number: 99010297
Laboratory Reference #: KJC 10705

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/kg***	***SAMPLE RESULTS mg/kg***
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	15
Barium	6010	0.1	62
Beryllium	6010	0.1	0.76
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	27
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	15
Copper	6010	0.1	37
Lead	6010	1.0	8.6
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.53
Nickel	6010	0.1	27
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	49
Zinc	6010	0.1	72

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-6-60
Laboratory Sample Number: 99010298
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01-03-05/99
Reported: 02/08/99

CCR - METALS

ANALYTE	*EPA METHOD*	*DETECTION LIMIT mg/kg*	*SAMPLE RESULTS mg/kg*
Antimony	6010	5.0	N.D.
Arsenic	6010	1.0	11
Barium	6010	0.1	55
Beryllium	6010	0.1	0.59
Cadmium	6010	0.1	N.D.
Chromium (Total)	6010	0.1	24
Chromium (VI)	7196	0.5	N.D.
Cobalt	6010	0.1	7.0
Copper	6010	0.1	31
Lead	6010	1.0	6.1
Mercury	7471	0.1	N.D.
Molybdenum	6010	0.5	0.84
Nickel	6010	0.1	18
Selenium	6010	1.0	N.D.
Silver	6010	0.1	N.D.
Thallium	6010	5.0	N.D.
Vanadium	6010	0.1	48
Zinc	6010	0.1	55

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

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01/99
Reported: 02/08/99

Sample Description: Water, FB#1
Laboratory Sample Number: 99010299
Laboratory Reference #: KJC 10705

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/l***	***SAMPLE RESULTS 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 (Total)	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7470	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.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
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Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/01/99
Reported: 02/08/99

Sample Description: Water, FB#2
Laboratory Sample Number: 99010300
Laboratory Reference #: KJC 10705

CCR - METALS

ANALYTE	***EPA METHOD***	***DETECTION LIMIT mg/l***	***SAMPLE RESULTS mg/l***
Antimony	6010	0.1	N.D.
Arsenic	6010	0.1	N.D.
Barium	6010	0.01	0.093
Beryllium	6010	0.01	N.D.
Cadmium	6010	0.01	0.019
Chromium (Total)	6010	0.01	N.D.
Chromium (VI)	7196	0.01	N.D.
Cobalt	6010	0.01	N.D.
Copper	6010	0.01	N.D.
Lead	6010	0.05	N.D.
Mercury	7470	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.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
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Client Project ID: Boeing C-6
Client Project #: 994001.00

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-1-10
Laboratory Sample Number: 99010293
Laboratory Reference #: KJC 10705

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sample Description: Soil, TMW-16-SB-2-25
Laboratory Sample Number: 99010294
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-3-30
Laboratory Sample Number: 99010295
Laboratory Reference #: KJC 10705

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-4-40
Laboratory Sample Number: 99010296
Laboratory Reference #: KJC 10705

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	CAS NUMBER	DETECTION LIMIT µg/kg	SAMPLE RESULTS µg/kg
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-5-50
Laboratory Sample Number: 99010297
Laboratory Reference #: KJC 10705

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

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

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/02/99
Reported: 02/08/99

Sample Description: Soil, TMW-16-SB-6-60
Laboratory Sample Number: 99010298
Laboratory Reference #: KJC 10705

ORGANOCHLORINATED PESTICIDES (EPA 8080)

ANALYTE	***CAS NUMBER***	***DETECTION LIMIT µg/kg***	***SAMPLE RESULTS µg/kg***
Aldrin	309-00-2	1.0	N.D.
alpha-BHC	319-84-6	1.0	N.D.
beta-BHC	319-85-7	1.0	N.D.
delta-BHC	319-86-8	2.0	N.D.
gamma-BHC (Lindane)	58-89-9	1.0	N.D.
Chlordane	57-74-9	10	N.D.
4,4'-DDD	72-54-8	2.0	N.D.
4,4'-DDE	72-55-9	5.0	N.D.
4,4'-DDT	50-29-3	1.0	N.D.
Dieldrin	60-57-1	2.0	N.D.
Endosulfan I	959-98-8	1.0	N.D.
Endosulfan II	33212-65-9	2.0	N.D.
Endosulfan sulfate	1031-07-8	10	N.D.
Endrin	72-20-8	2.0	N.D.
Endrin aldehyde	7421-93-4	2.0	N.D.
Heptachlor	76-44-8	1.0	N.D.
Heptachlor epoxide	1024-57-3	1.0	N.D.
Methoxychlor	72-43-5	30	N.D.
Toxaphene	8001-35-2	35	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 Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water, FB #1
Laboratory Sample Number: 99010299
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/03/99
Reported: 02/08/99

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.
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.

Orange Coast Analytical, Inc.

Kennedy Jenks Consultants
ATTN: Mr. Rus Purcell
2151 Michelson Dr, Suite 100
Irvine, CA 92612

Client Project ID: Boeing C-6
Client Project #: KJ994001.00

Sample Description: Water, FB #2
Laboratory Sample Number: 99010300
Laboratory Reference #: KJC 10705

Sampled: 01/29/99
Received: 01/29/99
Analyzed: 02/03/99
Reported: 02/08/99

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.
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.

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Volatile Organics by GC/MS (EPA 8260)

Date of Analysis : 02/01/99
Laboratory Sample No : 99010246
Laboratory Reference No : KJC 10705

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	50	51	49	102	98	4
1,1-Dichloroethene	0.0	50	56	55	112	110	2
Trichloroethene	0.0	50	59	56	118	112	5
Toluene	0.0	50	49	47	98	94	4
Chlorobenzene	0.0	50	54	52	108	104	4

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 Organics by GC/MS (EPA 8260)

Date of Analysis : 02/01/99
Laboratory Sample No : 99010300
Laboratory Reference No : KJC 10705

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
Benzene	0.0	20	21	20	105	100	5
1,1-Dichloroethene	0.0	20	23	20	115	100	14
Trichloroethene	0.0	20	21	20	105	100	5
Toluene	0.93	20	21	19	100	90	10
Chlorobenzene	0.0	20	21	20	105	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 : 02/02/99
Laboratory Sample No : 99020295
Laboratory Reference No : KJC 10705

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	36	35	72	70	3
n-Nitroso-di-n-propylamine	0.0	50	41	41	82	82	0
1,2,4-Trichlorobenzene	0.0	50	37	37	74	74	0
Acenaphthene	0.0	50	38	37	76	74	3
Pyrene	0.0	50	37	38	74	76	3
Pentachlorophenol	0.0	100	64	64	64	64	0
4-Chloro-3-Methylphenol	0.0	100	67	70	67	70	4
2-Chlorophenol	0.0	100	67	67	67	67	0
Phenol	0.0	100	68	64	68	64	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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Semi-Volatile Organics by GC/MS (EPA 8270)

Date of Analysis : 02/02/99
Laboratory Sample No : OCA100
Laboratory Reference No : KJC 10695

Analyte	R1 (ng)	SP (ng)	MS (ng)	MSD (ng)	PR1 %	PR2 %	RPD %
1,4-Dichlorobenzene	0.0	50	37	38	74	76	3
n-Nitroso-di-n-propylamine	0.0	50	46	48	92	96	4
1,2,4-Trichlorobenzene	0.0	50	39	38	78	76	3
Acenaphthene	0.0	50	42	39	84	78	7
Pyrene	0.0	50	40	41	80	82	2
Pentachlorophenol	0.0	100	79	75	79	75	5
4-Chloro-3-Methylphenol	0.0	100	80	80	80	80	0
2-Chlorophenol	0.0	100	76	74	76	74	3
Phenol	0.0	100	43	44	43	44	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 : 02/02/99
Laboratory Sample No : 99010296
Laboratory Reference No : KJC 10705

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	50	48	43	96	86	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 : Organochlorine Pesticides (EPA 8080)

Date of Analysis : 02/03/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10705

Analyte	R1 (ppb)	SP (ppb)	MS (ppb)	MSD (ppb)	PR1 %	PR2 %	RPD %
4,4'-DDT	0.0	1.0	0.56	0.51	56	51	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 : 02/01/99
Laboratory Sample No : 99010222
Laboratory Reference No : KJC 10705

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Hydrocarbons	0.0	50	50	49	100	98	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 : Diesel (EPA 8015m)

Date of Analysis : 02/02/99
Laboratory Sample No : 99010296
Laboratory Reference No : KJC 10695

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	100	99	101	99	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 : Diesel (EPA 8015m)

Date of Analysis : 02/03/99
Laboratory Sample No : OCA 100
Laboratory Reference No : KJC 10705

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Diesel	0.0	5.0	3.5	3.3	70	66	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

Orange Coast Analytical, Inc.

QC DATA REPORT

Analysis : Metals

Date of Analysis : 02/01-03-05/99
Laboratory Sample No : 99010293
Laboratory Reference No : KJC 10705

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	10.0	9.92	10.0	99	100	1
Arsenic	0.07	10.0	10.3	10.3	102	102	0
Barium	3.88	5.00	8.27	8.27	88	87.8	0
Beryllium	0.00	1.00	0.98	0.98	98	98	0
Cadmium	0.00	1.00	0.98	0.98	98	98	0
Chromium (Total)	0.46	1.0	1.38	1.38	92	92	0
Chromium (VI)	0.0	5.0	4.0	3.9	80	78	3
Cobalt	0.20	1.00	1.09	1.09	89	89	0
Copper	0.54	1.00	1.54	1.54	100	100	0
Lead	0.12	5.00	4.55	4.56	89	89	0
Mercury	0.00	1.00	0.99	1.00	99	100	1
Molybdenum	0.00	5.00	4.93	4.94	99	99	0
Nickel	0.36	5.00	5.03	5.03	93	93	0
Selenium	0.00	10.0	10.3	10.2	103	102	1
Silver	0.00	5.00	5.45	5.46	109	109	0
Thallium	0.00	10.0	8.59	8.67	86	87	1
Vanadium	0.93	5.00	5.62	5.63	94	94	0
Zinc	1.24	1.00	2.16	2.16	92	92	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 : 02/01-03/00
Laboratory Sample No : 99010251
Laboratory Reference No : KJC 10705

Analyte	R1 (ppm)	SP (ppm)	MS (ppm)	MSD (ppm)	PR1 %	PR2 %	RPD %
Antimony	0.00	1.00	0.95	0.91	95	91	4
Arsenic	0.00	1.00	0.99	0.96	99	96	3
Barium	0.00	0.10	0.11	0.11	110	110	0
Beryllium	0.00	0.10	0.11	0.10	110	100	10
Cadmium	0.00	0.10	0.10	0.10	100	100	0
Chromium (Total)	0.00	0.50	0.50	0.51	100	102	2
Chromium (VI)	0.00	0.10	0.10	0.10	100	100	0
Cobalt	0.00	0.10	0.10	0.10	100	100	0
Copper	0.00	0.10	0.11	0.10	110	100	10
Lead	0.00	1.00	1.01	0.99	101	99	2
Mercury	0.000	0.010	0.0095	0.0095	95	95	0
Molybdenum	0.00	1.00	1.02	1.00	102	100	2
Nickel	0.00	0.50	0.56	0.55	112	110	2
Selenium	0.00	1.00	0.99	0.99	99	99	0
Silver	0.00	0.50	0.52	0.51	104	102	2
Thallium	0.00	1.00	1.00	1.01	100	101	1
Vanadium	0.00	0.50	0.53	0.52	106	104	2
Zinc	0.00	0.10	0.11	0.11	110	110	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.

Analysis Request and Ch[illegible] of Custody Record

Lab Job No: _____
Page _____ of _____

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

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

REQUIRED TAT: _____

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	KENNEDY JENKS	PROJECT NAME:	BOEING C-6
SEND REPORT TO:	MR RUS PURCELL	NUMBER:	994001.00
ADDRESS:	2151 MICHELSON DR	LOCATION:	
	SUITE 100	ADDRESS:	
	IRVINE, CA 92612		
PHONE:	949/261-1577 FAX 949/261-2134	SAMPLED BY:	BALDERIAN

ANALYSIS/METHOD REQUEST

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	VOC-8260	SVOC 8270	8015 TPH-G	8015 TPH-D	8080 PESTICIDES	TITLE 22 METALS			REMARKS/PRECAUTIONS
OCA TB 552/553	2	—	—	WATER	40ml VOA	HCL	X								
TMW-16-SB-1-10	1	1/29/99	0847	SOIL	2"x6" SS TUBE	—	x	x	x	x	x	X			
TMW-16-SB-2-25	1	"	0910	"	"	—	x	X	x	X	X	X			
TMW-16-SB-3-30	1	"	0925	"	"	—	X	X	X	X	X	X			
TMW-16-SB-4-40	1	"	0943	"	"	—	x	X	x	x	X	x			
TMW-16-SB-5-50	1	"	1010	"	"	—	X	X	x	X	X	X			
TMW-16-SB-6-60	1	"	1032	"	"	—	x	X	X	X	x	X			
FB #1	4	"	1330	WATER	40ml VOA	HCL	X		X						
FB #1	3	"	1330	"	1L AMBER	—		X		X	X				
FB #1	1	"	1330	"	250ml PLAS	HNO3						X			
FB #2	4	"	1350	"	40ml VOA	HCL	x		X						
FB #2	3	"	1350	"	1L AMBER	—		x		X	X				
FB #2	1	"	1350	"	250ml PLAS	HNO3						X			

Total No. of Samples: 9

Method of Shipment:

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	1/29/99 1605		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By: Mark Notrani	Date/Time: 1-29-99 1610

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

Sample Integrity: (check)
intact [illegible]

All [illegible] the property of the client [illegible] is responsible for disposal [illegible] disposal [illegible] to [illegible] samples

BOE-C6-0142325