FOURTH QUARTER 2007
WASTE DISCHARGE REQUIREMENTS
MONITORING REPORT
BIORECIRCULATION PILOT TEST,
FORMER BUILDING 1/36

Compliance File CI-9310
Order No. R4-2007-0040

Boeing Former C-6 Facility
19503 South Normandie Avenue
Los Angeles, California

January 29, 2008

AVOCET
ENVIRONMENTAL, INC.

532

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Los Angeles, California

January 29, 2008

PREPARED FOR

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Project No. 1155.003

AVOCET
ENVIRONMENTAL, INC.

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January 29, 2007 Project No. 1155.003

Information Technology Unit
CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD LOS ANGELES REGION
320 West 4th Street, Suite 200
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Fourth Quarter 2007
Waste Discharge Requirements (WDR) Monitoring Report
Biorecirculation Pilot Test, Former Building 1/36
Compliance File CI-9310, Order No. R4-2007-0040
Boeing Former C-6 Facility, Building 1/36
19503 South Normandie Avenue
Los Angeles, California

Dear Sir / Madam:

Enclosed is the Fourth Quarter 2007 Waste Discharge Requirements Monitoring Report for the Biorecirculation Pilot Test at the subject site. If you have any questions or require additional information, please do not hesitate to call.

Respectfully submitted,

AVOCET ENVIRONMENTAL, INC.

Michael Rendina, P.G., C.Hg.
Principal

MAR:sh
Enclosure
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Mr. Mario Stavale – Boeing Corporate Real Estate
Ms. Jennifer Wiley – The Boeing Company (PDF)
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Mr. Ravi Subramanian – CDM (PDF)

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AVOCET ENVIRONMENTAL, INC.

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LIST OF ABBREVIATIONS AND ACRONYMS

AIS	American Integrated Services
APTs	aquifer performance tests
ATL	Advanced Technology Laboratory
BCRE	Boeing Corporate Real Estate
CDM	Camp Dresser McKee, Inc.
DHC	Dehalococcoides bacteria
DHG	dissolved hydrocarbon gases
DO	dissolved oxygen
EC	electrical conductivity
gpm	gallons per minute
IDW	investigation-derived waste
LARWQCB	California Regional Water Quality Control Board, Los Angeles Region
NTU	nephelometric turbidity unit
ORP	oxidation-reduction potential
ppm	parts per million
qPCR	Quantitative Polymerase Chain Reaction test
TOC	total organic carbon
VFA	volatile fatty acids
VOC	volatile organic compound
WDR	Waste Discharge Requirements

1.0 INTRODUCTION

On behalf of Boeing Corporate Real Estate (BCRE), Avocet Environmental, Inc. (Avocet) is submitting this Waste Discharge Requirements (WDR) monitoring report to the Los Angeles Regional Water Quality Control Board (LARWQCB) for the fourth quarter of 2007 per WDR Order Number R4-2007-0040 (the WDR Order), Compliance File CI-9310 (LARWQCB, 2007). The purpose of this report is to provide a summary of bioremediation and groundwater monitoring activities performed at the Former Building 1/36 area of the Former C-6 Facility located at 19503 South Normandie Avenue in Los Angeles, California (the site). The location of the site is shown in Figure 1. The site layout and the monitoring wells of interest are shown in Figure 2. It should be noted that although quarterly reporting under the WDR Order was initiated in July 2007, startup of the biorecirculation system using whey amendment was postponed until groundwater production rates could be increased. Post-injection WDR monitoring is scheduled to begin in January 2008.

During the fourth quarter of 2007, the following activities were performed:

- Redevelopment and aquifer performance tests (APTs) of extraction well EWB001 and selected existing wells to determine a method for increasing groundwater production rates.
- Final baseline sampling event for one WDR monitoring well.
- Initiation of the biorecirculation pilot test with whey amendment.

The specifics regarding baseline WDR sampling are addressed in Section 2.0. Well redevelopment and APTs are discussed in Section 3.0 and amendment activities are presented in Section 4.0. Anticipated future activities are outlined in Section 5.0. All of the information presented in this WDR monitoring report regarding amendment activities, well redevelopment, and APTs was provided by Camp Dresser McKee, Inc. (CDM, 2008).

2.0 WDR BASELINE GROUNDWATER MONITORING

During the fourth quarter of 2007, the final baseline sampling event for WDR well EWB002 was conducted on December 12, 2007.

Prior to groundwater sampling, the well was gauged for depth to water and total depth. Well completion details for all WDR wells are provided in Table 1 and the depth to water measurement for Well EWB002 is summarized in Table 4.

Well EWB002 was purged for sampling using the low-flow (minimal drawdown) method. A QED low-flow bladder pump was used to purge the well prior to collecting the samples. A Horiba U-22 Water Quality Monitoring System with a flow-through cell was used to record field water quality parameters (i.e., temperature, pH, turbidity, specific conductance, oxidation reduction potential [ORP], and dissolved oxygen [DO]) during the purging process. Stabilized field water quality indicator parameters are summarized in Table 5 and the Groundwater Sampling Data Sheet is included in Appendix A.

After stabilization of the indicator parameters, and on completion of purging, ferrous iron testing was performed at the well using a HACH DR/890 Colorimeter, and the Horiba DO measurement was confirmed using a CHEMetrics, Inc. test kit. Groundwater samples were then collected in laboratory-supplied containers that were properly labeled and immediately placed on ice in a cooler. The samples were submitted to appropriately certified environmental testing laboratories following chain-of-custody procedures.

The laboratories were requested to analyze the samples for:

- volatile organic compounds (VOCs) using EPA Method 8260B
- total organic carbon (TOC) using EPA Method 9060
- volatile fatty acids (VFAs) by IC Method 8M23G (Microseeps, Inc., Pittsburg, Pennsylvania)
- dissolved hydrocarbon gases (DHGs: ethane, ethane, and methane) using RSK 175
- dissolved minerals (sulfate, nitrate, nitrite, and chloride) using the EPA Method 300 Series
- total alkalinity using EPA Method 310

- Quantitative Polymerase Chain Reaction (qPCR) assay for the Dehalococcoides (DHC) 16S rRNA gene and functional genes tceA, bvcA, and vcrA (North Wind, Inc., Pocatello, Idaho)

Due to a laboratory error, the December 12, 2007 samples from Well EWB002 were not forwarded to the subcontracted laboratories for VFA (Microseeps) and qPCR (North Wind) analyses. Therefore, these analyses were not performed. By the time the laboratory discovered the error, a make-up sampling event was impossible due to system startup on December 17, 2007. However, data for these analyses are available from the initial of the two baseline sampling events.

The laboratory analytical results for the December 12, 2007 sampling event are summarized in Tables 6 through 9. Table 6 summarizes the prevalent VOC analytical results (compounds without reported or estimated concentrations are not included in the table for simplicity). TOC results are summarized in Table 7, the DHG results are presented in Table 8, and Table 9 lists the inorganic anion results. Laboratory analytical reports with associated chain-of-custody documentation are provided in Appendix B.

The purge water generated was transported to an onsite storage tank located in the treatment compound pending final disposition.

2.1 SEMI-ANNUAL GROUNDWATER ELEVATION DATA

Figure 3 shows the groundwater elevation contours for B-Sand based on the Semi-Annual September 2007 monitoring event. The average hydraulic gradient in the B-Sand across the site is approximately 0.0009 ft/ft. Groundwater flow direction in the B-Sand is generally south-southwest. The groundwater contours presented represent pre-injection conditions.

2.2 PERFORMANCE MONITORING

As amendment injections were initiated at the site in the latter half of December 2007, the first post-injection WDR groundwater monitoring event will be in January 2008. Post-injection groundwater monitoring will consist of monthly monitoring for the first six months following startup (January through June 2008), quarterly monitoring for the next year, followed by semi-annual monitoring.

3.0 WELL REDEVELOPMENT AND AQUIFER PERFORMANCE TESTS

The following key actions were undertaken in attempts to increase the production rate from extraction well EWB001 and/or to identify other potentially suitable supplemental groundwater sources:

- Aggressive redevelopment and short-term pumping tests of extraction well EWB001.
- Aggressive redevelopment and short-term pumping tests of five existing monitoring (WCC_06S and WCC_03S) and amendment (AW0074UB, AW0075UB, and AW0076UB) wells to determine their potential for use as replacement or supplemental extraction wells.
- Long-term (24 to 30 hours) constant-rate APTs of Wells EWB001 and WCC_06S to determine long-term sustainable flow rates.

3.1 WELL REDEVELOPMENT AND SHORT-TERM PUMPING TESTS

This task consisted of performing aggressive redevelopment using a combination of mechanical development and overpumping methods at EWB001 and five other existing monitoring and amendment wells (AW0074UB, AW0075UB, AW0076UB, WCC_03S, and WCC_06S). The locations of these wells are depicted in Figure 2. As part of the overpumping portion of the task, one- to three-hour short-term pumping tests were conducted on a subset of these wells, based on their response during redevelopment, to estimate their sustainable pumping rates for potential subsequent constant-rate tests (Section 3.2). Well redevelopment activities were conducted between October 29 and November 2, 2007 using a truck-mounted rig and water trailer operated by WDC Exploration and Wells, of Montclair, California.

The general procedures for well redevelopment and the short-term pumping tests consisted of some or all of the following activities:

- Prior to development of each well, static water levels and total depths were measured using an electronic water level meter.
- Development of the entire screen length was conducted using a tight-fitting single-disk swab to remove fine materials from the gravel pack and debris from the well screen, followed by bailing to remove as much sediment as possible. To facilitate redevelopment, the permanent pump was removed from Well EWB001 and replaced following completion of the field activities.
- During redevelopment, the discharge water was monitored periodically for temperature, electrical conductivity (EC), pH, turbidity, and sand content using a

Rossum sand tester or Imhoff Cone. The readings were recorded on the well development forms, which are included as Appendix C.

The development activities are summarized below:

Well Redevelopment Summary

Well No.	Date	One Casing Volume (gallons)	Volume Purged (gallons)	Number. of Casing Volumes Purged	Final pH	Final EC (µmhos/cm)	Final Temp. (°C)	Final Turbidity (NTU)
WCC_06S	10/29/07	20.2	614	30.4	7.19	2,000	22.9	5.62
EWB001	10/30/07	41.6	1,169	28.1	7.50	1,300	19.9	17.1
AW0076UB	10/31/07	4.5	93	20.7	7.05	3,200	21.7	>1,000
AW0074UB	11/01/07	4.5	40	8.9	7.59	1,700	22.1	>1,000
AW0075UB	11/01/07	4.5	5	1.1	7.27	2,850	21.2	>1,000
WCC_03S	11/02/07	18.3	888	48.5	7.44	1,500	23.2	7.19

Notes: EC = electrical conductivity, measured in micromhos per centimeter (µmhos/cm)
Temp. = temperature, measured in degrees Celsius (°C)
NTU = nephelometric turbidity units

- Based on the results of the mechanical redevelopment, a temporary submersible pump with discharge piping/hose was installed in Wells EWB001, WCC_06S, and WCC_03S. To allow backflushing, the pump was not equipped with a check valve.

- To the extent possible, the wells were surged by periodically stopping and starting the pump while pumping at the highest sustainable rate to allow the water in the discharge pipe to fall down into the well and backflush the filter pack and formation.

- Overpumping, including the short-term pumping tests, continued for one to three hours until the sand content in the produced water was less than 5 parts per million (ppm) approximately 20 minutes after pump surging.

- The instantaneous pumping rates were monitored with an in-line flow meter and the pumping water levels were monitored with an electronic water level meter at frequent intervals during overpumping. Flow totalizer readings were recorded throughout overpumping and short-term testing for a more accurate measurement of the pumping rate.

Some key observations from the short-term pumping tests are summarized below:

- The average pumping rate from Well WCC_06S was 11 gallons per minute (gpm) over a pumping period of approximately one hour. The well had a maximum drawdown of 7.97 feet at 11.2 gpm.

- The average pumping rate from Well EWB001 was 10.5 gpm over a pumping period of approximately two hours. The well had a maximum drawdown of 10.42 feet at 10.5 gpm.

- Well AW0076UB could not be properly redeveloped as large quantities of silt and fine-grained sand were continually drawn into the well after almost a day of swabbing and bailing. Similar observations were noted during redevelopment of Wells AW0074UB and AW0075UB, which have the same construction as Well AW0076UB. As a result, no short-term pumping tests were performed on these wells and they were not considered for longer-term APTs.

- Well WCC_03S registered a maximum drawdown of 1.37 feet at a pumping rate of 7 gpm over a pumping period of approximately one hour. However, due to the limitations of the temporary pump, the well could not be tested beyond the flow rate of 7 gpm.

Based on the above results, Wells EWB001 and WCC_06S were selected for longer-term constant-rate testing as described below.

3.2 SUMMARY OF AQUIFER PERFORMANCE TESTING

3.2.1 Well EWB001

Two APTs were conducted on Well EWB001 using the permanent submersible pump. The first APT, performed during November 7, 8, and 9, 2007, involved approximately 24 hours of pumping from Well EWB001 while recirculating into the four pilot test amendment wells (AW0064UB through AW0067UD). The purpose of this test was to determine if the well redevelopment had been successful in increasing groundwater production rates so that the pilot test could be conducted according to the original workplan. The test was designed to evaluate the maximum flow rate that Well EWB001 could sustain while reinjecting into the formation. Based on the findings of the short-term pumping test, the initial targeted flow rate from Well EWB001 was 10 gpm. The average pumping rate over the period of the test was about 8 gpm. The average injection flow rates observed during the test were as follows:

Injection Rate Summary

Well No.	Approximate Distance from Well EWB001 (feet)	Average Injection Rate (gpm)
AW0064UB	180	2.2
AW0065UB	210	1.7
AW0066UB	220	2.0
AW0067UB	240	2.1

A second 24-hour APT was conducted on Well EWB001 on November 11, 12, and 13, 2007. The purpose of this test was to determine the maximum sustainable pumping rate without reinjection into the formation. During this test, the extracted water was discharged into a 21,000-gallon Baker tank. The initial targeted pumping rate was 12 to 13 gpm, which was based on preliminary results of the first APT that indicated the potential for pumping at rates higher than 10 gpm. However, these rates proved unsustainable and the test was performed at lower flow rates.

During both of the APTs, the water levels in the pumping and observation wells were monitored with pressure transducers and confirmed periodically with manual measurements using an electronic water level indicator. Table 2 provides a summary of the well construction details for the seven monitoring wells that were used as observation wells during the APTs. Figure 2 shows the locations of these wells.

The manually collected data and the pressure transducer data were used to analyze the drawdown and recovery data collected at the pumping and observation wells. For the first APT, the water level drawdown data from the wells were analyzed by the method of Hantush and Jacob (1955) for leaky aquifers using the computer software program AQTESOLV for Windows (Geraghty and Miller, 1997). For the second APT, the water level drawdown data from the pumping and observation wells were analyzed by the Hantush and Jacob (1955) method for leaky aquifers using the computer software program AquiferWin32 (Rumbaugh, 1997).

3.2.2 Well WCC_6S

A constant-rate APT was conducted at Well WCC_06S on November 7, 8, and 9, 2007 to determine the maximum sustainable pumping rate and to evaluate its potential for use as a contingency extraction well for the biorecirculation pilot test. A temporary submersible pump with discharge piping/hose was used to extract the water, which was discharged directly into a 21,000-gallon Baker tank. Based on the short-term pumping tests, the initial targeted pumping rate for the constant-rate APT was 7 gpm. However, after pumping for approximately 21 hours at 7 gpm with only a moderate amount of drawdown, the test was extended to 29 hours to assess the ability of the well to sustain a production rate of approximately 10 gpm.

During the APT, the water levels in the pumping and observation wells were monitored with pressure transducers and confirmed periodically with manual measurements using an electronic water level indicator. Table 3 provides a summary of the well construction details for the six monitoring wells that were used as observation wells during the APT. Figure 2 depicts the locations of these wells.

The manually collected data and the pressure transducer data were used to analyze the drawdown and recovery data collected at the pumping and observation wells. The water level drawdown data from the pumping and observation wells were analyzed by the method of Hantush and Jacob (1955) for leaky aquifers using the computer software program AquiferWin32 (Rumbaugh and Rumbaugh, 2001).

3.2.3 Summary of APT Results

The results of the APTs and data analysis indicate the following:

- The sustainable flow rate from Well EWB001 is estimated to be 5 gpm and possibly higher. However, it is unlikely that the well could sustain a pumping rate of 10 gpm regardless of whether reinjection into the four amendment wells is performed or not.
- The estimated sustainable flow of 5 gpm is less than the design flow of 12 gpm, but is potentially sufficient to meet the objectives of the pilot test.
- The sustainable flow rate from Well WCC_06S is estimated to be 7 gpm and possibly higher.

3.3 DECONTAMINATION

All nondedicated development and sampling equipment was decontaminated following use. Large equipment was decontaminated in a portable decontamination trailer using a steam cleaner, while the small equipment was cleaned using a three-bucket wash with nonphosphate soap with a final potable water rinse.

3.4 INVESTIGATION-DERIVED WASTE

Investigation-derived waste (IDW) generated during well redevelopment activities included purge/decontamination water. Approximately 3,000 gallons of redevelopment water (stored in a Baker tank) were generated during well redevelopment. One sample of the IDW was collected for waste profiling on November 2, 2007 and submitted to Advanced Technology Laboratories (ATL), a State-certified environmental laboratory located in Signal Hill, California. Upon receipt and review of the analytical data (Appendix D), the IDW was classified as nonhazardous waste. On November 8, 2007, American Integrated Services (AIS) transported the nonhazardous liquids and the solids to Crosby & Overton, Inc. in Long Beach, California.

Approximately 33,000 gallons of purge/decontamination water were generated from the APTs at EWB001 and WCC_06S and are currently stored in two 21,000-gallon Baker tanks onsite pending final disposition.

4.0 AMENDMENT ACTIVITIES

Operation of the biorecirculation pilot test during the initial startup phase in September 2007 was limited by the production rate of extraction well EWB001. The sustained production from this well of less than 1 gallon per minute (gpm) was substantially less than the anticipated design flow of 12 gpm (CDM, October 26, 2007). Since operation at this low flowrate was not expected to achieve the objectives of the pilot test, the system was shut down on October 18, 2007. CDM then implemented additional actions in an attempt to increase the groundwater production rate. These actions consisted of aggressive redevelopment and APTs in the extraction well, EWB001, and other selected existing wells. These actions were described in Section 3.0.

Aggressive redevelopment increased the sustainable flow rate from EWB001 to a level considered potentially sufficient to meet the objectives of the pilot test, so CDM restarted the system on December 17, 2007 with extracted water from Well EWB001 reinjected into two of the four amendment wells, AW0066UB and AW0067UB (CDM, 2008). Table 1 provides the construction details for these and other wells associated with the pilot biorecirculation test. The system was operated intermittently with flows ranging from 4 to 8 gpm until December 21, 2007, when it was temporarily shut down for the rest of the quarter during the holidays. Approximately 300 pounds of whey were injected during this quarter into Wells AW0066UB and AW0067UB. The dates and quantities of injection are summarized in Table 10.

5.0 FUTURE ACTIVITIES

Activities planned or anticipated for the first quarter of 2008 include:

- Continued operation of the biorecirculation system using Well EWB001 with donor injection.
- If additional groundwater production is needed, a request will be submitted to the LARWQCB for introduction of another extraction well into the recirculation system.
- Perform evaluation of the monitoring data on a continual basis during system operation to determine if the objectives of the pilot test (i.e., establishing proof-of-concept) are being met.
- Monthly monitoring per the WDR Permit.
- The next quarterly WDR report will be submitted on or before April 30, 2008 and will report the results of the first quarter 2008 pilot test activities.

6.0 CERTIFICATION

I declare under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who managed the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Date 01/29/08

Michael Rendina, P.G., C.Hg.
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REFERENCES

California Regional Water Quality Control Board, Los Angeles Region (LARWQCB), 2007, Letter to Boeing Realty Corporation (BRC), Waste Discharge Requirements for Pilot Tests to Evaluate Bioremediation of Volatile Organic Compounds (VOCs) in Groundwater, Boeing Realty Corporation, Former C-6 Facility, 19503 South Normandie Avenue, Los Angeles, California (File No. 95-036; SLIC NO. 410; Site ID No. 1846000), August 10, 2007.

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TABLES

Tables

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Table 1
WDR Groundwater Monitoring Well Completion Details
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Well I.D.	Water Bearing Unit	Easting[1,3]	Northing[1,3]	Reference Elevation (feet amsl)[2]	Boring Total Depth (feet)	Screen Depth Interval (feet)	Depth to Top of Filter Pack (feet)	Casing Diameter (inches)	Casing Type	Slot Size (inches)	Drilled Date
Extraction Well											
EWB001[4]	B-Sand	6,470,381	1,769,604	49.01	90	59.2 - 89.2	56	6	Sch 80 PVC	0.02	11/09/06
Injection Wells (Group A)											
AW0064UB	Upper B-Sand	6,470,346	1,769,801	53.28	92	68.5 - 88.5	66	2	Sch 40 PVC	0.02	06/21/05
AW0065UB	Upper B-Sand	6,470,316	1,769,802	53.64	92	68.5 - 88.5	66	2	Sch 40 PVC	0.02	06/16/05
AW0066UB	Upper B-Sand	6,470,286	1,769,802	53.98	91	69.5 - 89.5	67	2	Sch 40 PVC	0.02	06/14/05
AW0067UB	Upper B-Sand	6,470,261	1,769,810	54.01	91	70 - 90	67	2	Sch 40 PVC	0.02	06/08/05
Performance Monitoring Wells (Group B)											
EWB002	B-Sand	6,470,279	1,769,773	53.74	90	60 - 90	56	6	Sch 80 PVC	0.02	06/13/07
AW0074UB	Upper B-Sand	6,470,365	1,769,759	52.73	91	70 - 90	67	2	Sch 40 PVC	0.02	06/09/05
AW0075UB	Upper B-Sand	6,470,332	1,769,740	53.23	93	69 - 89	66	2	Sch 40 PVC	0.02	06/08/05
AW0076UB	Upper B-Sand	6,470,302	1,769,740	53.69	92	69 - 89	66	2	Sch 40 PVC	0.02	06/08/05
AW0077UB	B-Sand	6,470,254	1,769,763	53.96	86	70.5 - 85.5	69	2	Sch 40 PVC	0.02	08/19/04
WCC_6S	B-Sand	6,470,336	1,769,734	51.32	91	60 - 90	54	4	Sch 40 PVC	0.01	09/22/89
AW0073C	C-Sand	6,470,329	1,769,765	53.42	117	96 - 116	93	2	Sch 40 PVC	0.02	06/09/05
Downgradient Wells (Group C)											
WCC_12S	B-Sand	6,470,506	1,769,496	51.32	92	60 - 90	55	4	Sch 40 PVC	0.01	09/17/90
TMW_7	B-Sand	6,470,318	1,769,483	52.52	91	65 - 85	63	2	Sch 40 PVC	0.01	06/29/98
Upgradient Wells (Group D)											
AW0055UB	Upper B-Sand	6,470,304	1,769,863	53.54	92	69 - 89	65	2	Sch 40 PVC	0.02	06/21/05

Notes:

(1) California State Plane North American Datum of 83 (NAD 83), Zone 5, Feet

(2) ft amsl = feet above mean sea level. Elevations based on North American Vertical Datum of 1988 (NAVD 88)

(3) Coordinates were slightly revised based on additional survey done in November 2006

(4) Well EWB001 contains a permanent pump. The top of casing was modified when a vault was installed. Total depth (BTC) prior to modification was 88.7 feet. Total depth after modification is 84.7 feet (i.e., approximately 4' of casing was removed - new TOC elevation approximately 49.01 feet amsl). The well is equipped with a transducer. The transducer was installed approximately 78.15 feet BTC. On December 12, 21.6' of water covered the transducer - a water level of 56.55 feet BTC. This equates to a water table elevation on 12/12 of -7.54 feet

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BOE-C6-0187755

Table 2
Completion Details, EWB001 APT Pumping and Observation Wells
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Well I.D.	Easting[1,2]	Northing[1,2]	Screen Depth Interval (feet)	Casing Diameter (inches)	Casing Type	Slot Size (inches)	Drilled Date
Pumping Well							
EWB001	1,769,604	6,470,381	59.2-89.2	6	Sch 80 PVC	0.02	11/09/06
Observation Wells							
WCC_6S	1,769,734	6,470,336	60-90	4	Sch 40 PVC	0.01	09/22/89
WCC_7S	1,769,695	6,470,505	60-90	4	Sch 40 PVC	0.01	06/08/89
WCC_12S	1,769,496	6,470,506	60-90	4	Sch 40 PVC	0.01	09/17/90
TMW_07	1,769,483	6,470,318	65-85	2	Sch 40 PVC	0.01	06/29/98
TMW_08	1,769,594	6,470,329	61-81	2	Sch 40 PVC	0.01	06/29/98
EWB002	1,769,773	6,470,279	60 - 90	6	Sch 80 PVC	0.02	06/11/07
EWC001	1,769,706	6,470,359	97-122	6	Sch 80 PVC	0.02	11/08/06

Notes:
(1) California State Plane North American Datum of 83 (NAD 83), Zone 5, Feet
(2) Coordinates were slightly revised based on additional survey done in November 2006

AVOCET ENVIRONMENTAL, INC.

Table 3
Completion Details, WCC_06S APT Pumping and Observation Wells
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Well I.D.	Easting[1,2]	Northing[1,2]	Screen Depth Interval (feet)	Casing Diameter (inches)	Casing Type	Slot Size (inches)	Drilled Date
Pumping Well							
WCC_6S	1,769,734	6,470,336	60-90	4	Sch 40 PVC	0.01	09/22/89
Observation Wells							
WCC_3S	1,770,021	6,470,367	69-89	4	Sch 40 PVC	0.01	10/26/87
WCC_4S	1,769,857	6,470,499	70.5-90.5	4	Sch 40 PVC	0.01	10/27/87
EWB002	1,769,773	6,470,279	60 - 90	6	Sch 80 PVC	0.02	06/11/07
AW0055U	1,769,863	6,470,304	69 - 89	2	PVC	0.02	06/21/05
AW0074U	1,769,759	6,470,365	70 - 90	2	PVC	0.02	06/08/05
EWC001	1,769,706	6,470,359	97-122	6	Sch 80 PVC	0.02	11/08/06

Notes:

(1) California State Plane North American Datum of 83 (NAD 83), Zone 5, Feet

(2) Coordinates were slightly revised based on additional survey done in November 2006

AVOCET ENVIRONMENTAL, INC.

Table 4
Groundwater Elevations
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation[1] (feet amsl)	Depth to Water (feet bgs)	Groundwater Elevation[2] (feet amsl)
EWB002	12/12/07	53.74	60.93	-7.19

Notes:
feet amsl = feet above mean sea level
feet bgs = feet below ground surface
(1) California State Plane North American Datum of 83 (NAD 83), Zone 5, Feet
(2) Elevations based on North American Vertical Datum of 1988 (NAVD 88)

AVOCET ENVIRONMENTAL, INC.

Table 5
Summary of Field Parameters
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Well I.D.	Category	Monitoring Date	Conductivity (µs/cm)	Dissolved Oxygen (mg/L)	Ferrous Iron (mg/L)	Hydrogen Sulfide (mg/L)	Oxidation Reduction Potential (mV)	pH	Temperature (°C)
EWB002	B-Sand	12/12/07	3350	0.0	1.58	NM	-120	6.53	21.88

AVOCET ENVIRONMENTAL, INC.

Table 6
Summary of Prevalent Volatile Organic Compounds Analytical Results
(Units are µg/l)
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Well I.D.	Category	SampleDate	Sample Type	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Bromodichloromethane	Chloroform	cis-1,2-Dichloroethene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylenes, Total
EWB002	B-Sand	12/12/07	Primary	**22 J**	**76**	**540**	**3,400**	**140**	**16,000**	**260 J**	**11,000**	**8,000**	**58**	<50	**26 J**	**6,100**	<50	**6,800**	**300**	**14 J**	**5,600**	**55**

Notes:
Compounds not shown were not detected at the laboratory reporting limit.
< = Not detected at a concentration greater than the laboratory reporting limit indicated
J = Estimated concentration detected below the laboratory reporting limi

AVOCET ENVIRONMENTAL, INC.

BOE-C6-0187760

Table 7
Summary of Total Organic Carbon Analytical Results
(Units are mg/l)
Boeing Former C-6 Facility
Los Angeles, California

Well I.D.	Category	Sample Date	Sample Type	Total Organic Carbon
EWB002	B-Sand	12/12/07	Primary	20

AVOCET ENVIRONMENTAL, INC.

Table 8
Summary of Dissolved Hydrocarbon Gases Analytical Results
(Units are µg/l)
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Well I.D.	Category	Sample Date	Sample Type	Carbon Dioxide	Ethane	Ethylene	Methane
EWB002	B-Sand	12/12/07	Primary	150,000	2	10	540

AVOCET ENVIRONMENTAL, INC.

Table 9
Summary of Inorganic Analytical Results
(Units are mg/l)
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Well I.D.	Category	Sample Date	Sample Type	Alkalinity	Chloride	Nitrate-NO3	Nitrite-NO2	Sulfate
EWB002	B-Sand	12/12/07	Primary	**550**	**650**	< 0.5	**1.4**	**0.35 J**

Notes:
< = Not detected at a concentration greater than the laboratory reporting limit indicated
J = Estimated concentration detected below the laboratory reporting limit

AVOCET ENVIRONMENTAL, INC.

Table 11
Amendment Injection Summary
Boeing Former C-6 Facility, Building 1/36
Los Angeles, California

Date	Injection Points								Total Amendment Quantity	
	AW0064UB		AW0065UB		AW0066UB		AW0067UB			
	Screen 68.5 - 88.5 feet bgs		Screen 68.5 - 88.5 feet bgs		Screen 69.5 - 89.5 feet bgs		Screen 70 - 90 feet bgs			
	Whey (lb)	Bioaugmentation Culture (units)	Whey (lb)	Bioaugmentation Culture (units)	Whey (lb)	Bioaugmentation Culture (units)	Whey (lb)	Bioaugmentation Culture (units)	Whey (lb)	Bioaugmentation Culture (units)
12/20/07	0	0	0	0	42.5	0	42.5	0	85	0
12/21/07	0	0	0	0	107.5	0	107.5	0	215	0
Totals	0	0	0	0	150	0	150	0	300	0

Notes: bgs = below ground surface

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BOE-C6-0187764

FIGURES

BOE-C6-0187765

Figures

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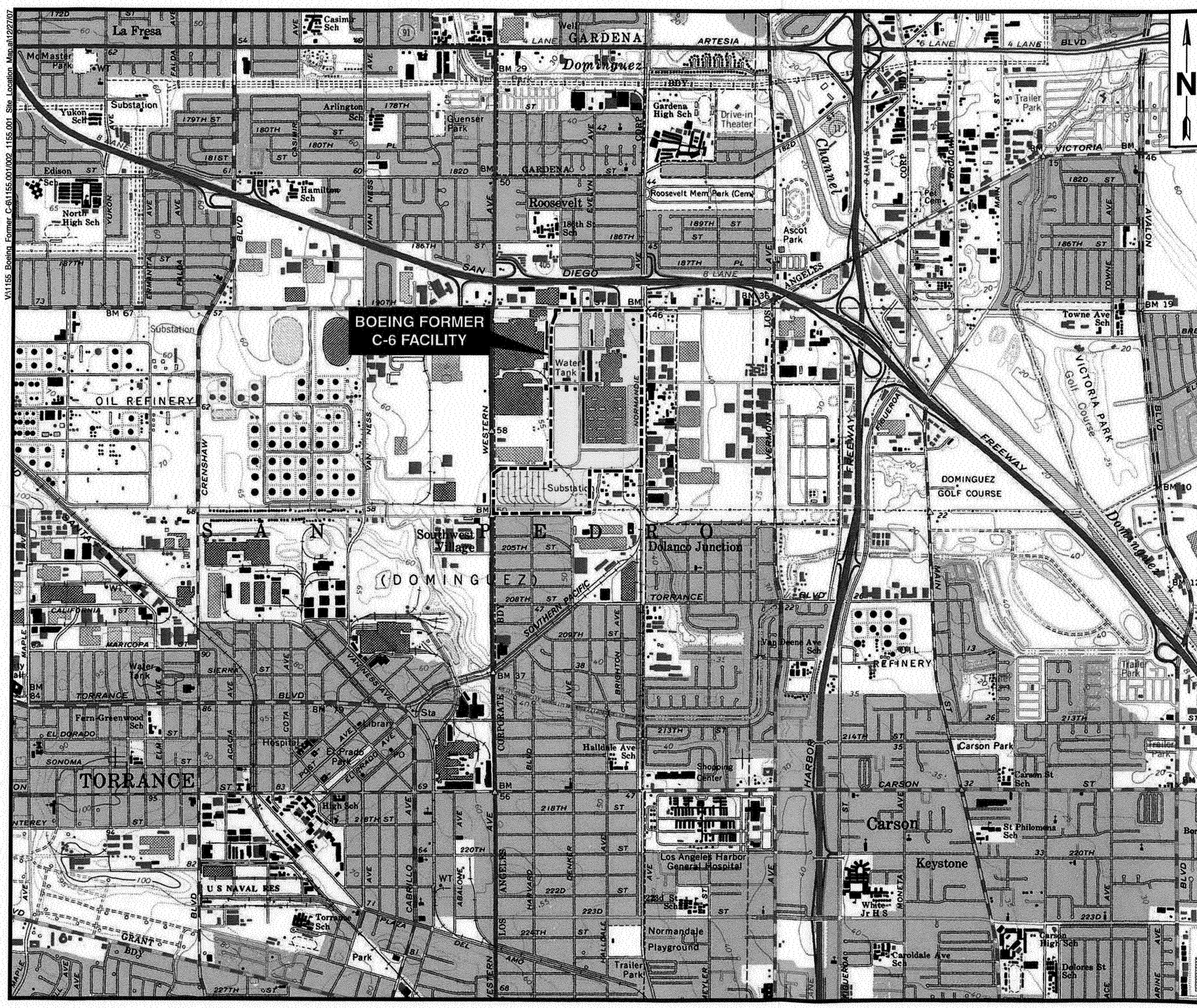
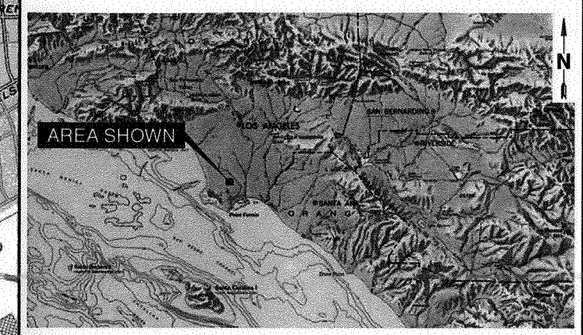




SITE VICINITY MAP

NOT TO SCALE

REFERENCE:
7.5 MINUTE U.S.G.S. TOPOGRAPHIC
MAP OF TORRANCE, CALIFORNIA
DATED: 1964
PHOTOREVISED: 1981

0 2000 4000 FEET

APPROXIMATE
SCALE

FIGURE 1

SITE LOCATION MAP

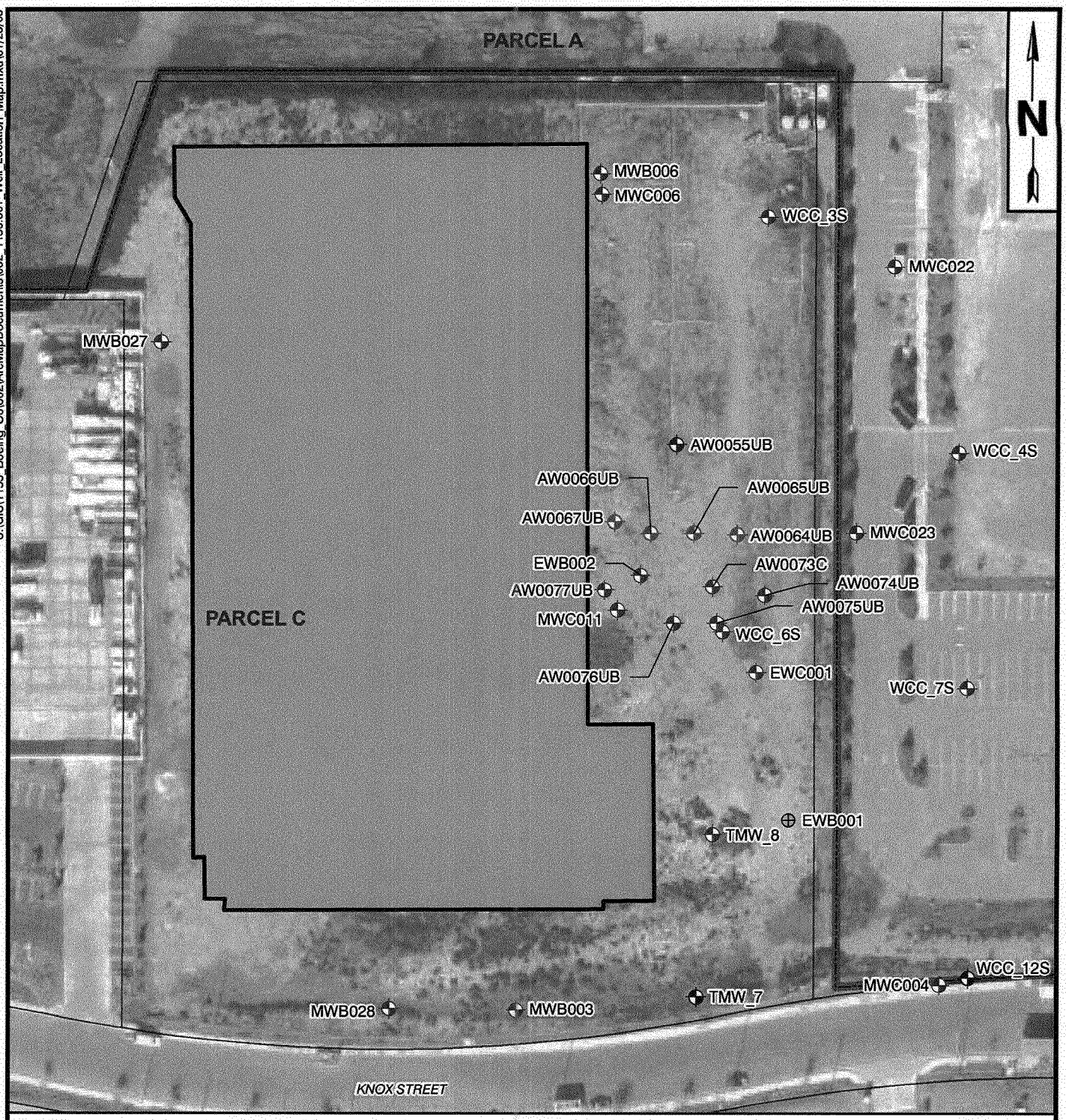
BOEING CORPORATE REAL ESTATE
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

AVOCET
ENVIRONMENTAL, INC.

V:\1155 Boeing Former C-6\1155.001\002-1155.001 Site Location Map.ai\12/2/07

BOE-C6-0187767

S:\GIS\1155_Boeing_C6\002\ArcMapDocuments\002_1155.001_Well_Location_Map.mxd\01/28/08



LEGEND

- Group A WDR Monitoring Well
- Group B WDR Monitoring Well
- Group C WDR Monitoring Well
- Group D WDR Monitoring Well
- Pilot Test Groundwater Extraction Well
- Non-WDR Groundwater Monitoring Well
- 1451 Knox St.
- Parcel Boundary

0 100 200

SCALE

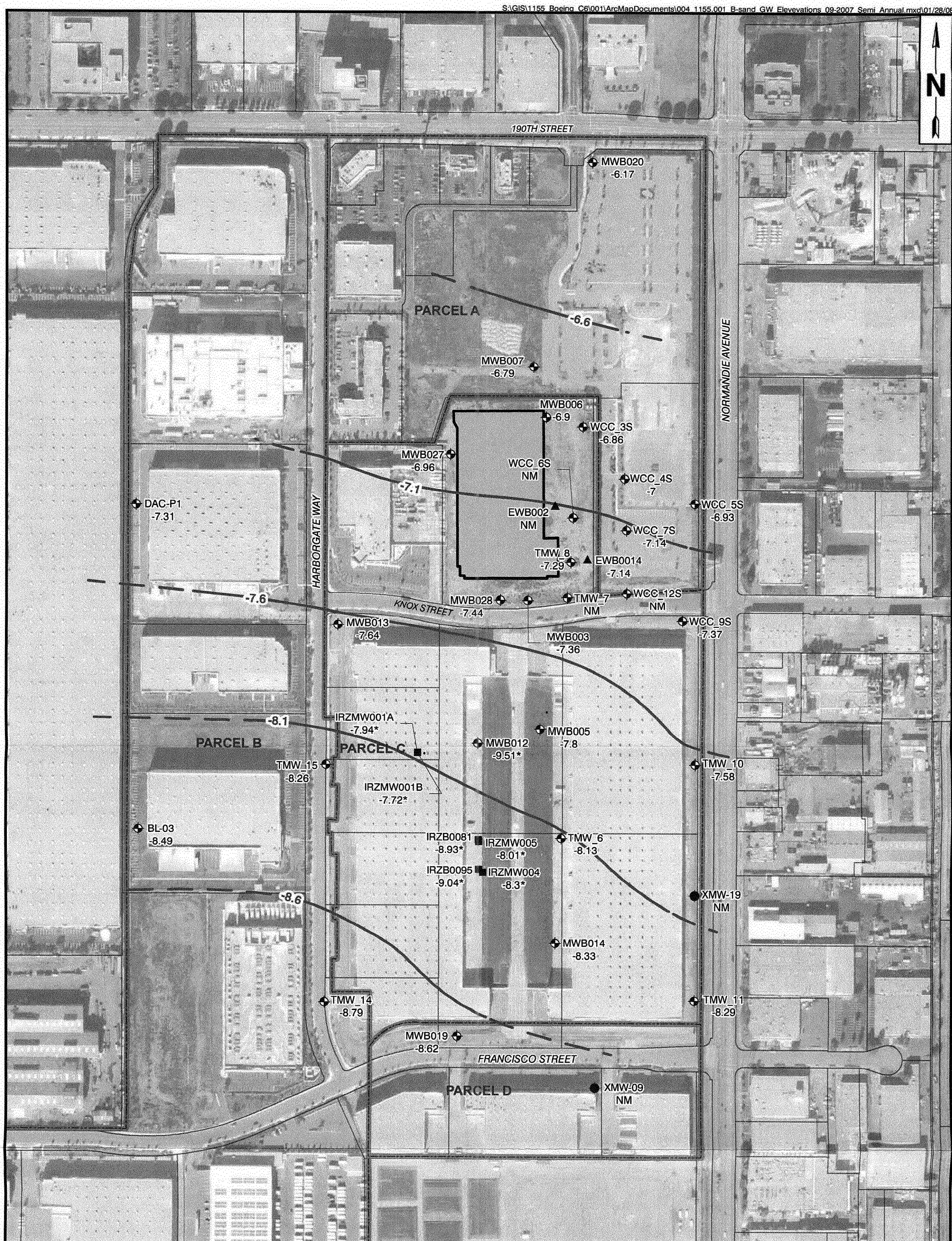
FIGURE 2

WDR WELL LOCATION MAP

BOEING CORPORATE REAL ESTATE
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

AVOCET ENVIRONMENTAL, INC.

S:\GIS\1155_Boeing_C6\001\ArcMapDocuments\004_1155.001_B-sand_GW_Elevations_09-2007_Semi_Annual.mxd\01/28/08



LEGEND

- ■ B-Sand IRZ Bioremediation Monitoring Well
- ● B-Sand Montrose Monitoring Well
- ⊕ B-Sand Monitoring Well
- ▲ B-Sand Observation Well
- -7.1 Water Level Elevation, Feet Mean Sea Level; * Indicates Not Used in Contouring
- -8.6 Approximate Water Level Elevation, Feet Mean Sea Level
- NM Not Measured
- 1451 Knox Street
- Parcel Boundary

0 300 600
SCALE

FIGURE 3

B-SAND
GROUNDWATER ELEVATIONS
SEPTEMBER 2007
SEMI-ANNUAL MONITORING

BOEING CORPORATE REAL ESTATE
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

AVOCET ENVIRONMENTAL, INC.

APPENDIX A

BOE-C6-0187770

Appendix A

Groundwater Sampling Data Sheet

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AVOCET ENVIRONMENTAL, INC.

GROUNDWATER SAMPLING DATA SHEET

Project Name: Torrance C-6		**Date:** 12/12/07	
Project No.: 1155.002		**Prepared by:** GMC	
Well Identification: EWB002		**Weather:** Sunny 70's	
Measurement Point Description: TOC		**Pump Intake:** 84.3'	**Screen:** 60-90

	A	B	C		E					
Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft) (A-B=C)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons) (Ex3)	1/2 Casing Volume (E/2)	Above screen Volume (Top Screen - DTW)xD	Screen Volume (Screen Length x D)	1/2 Screen Volume
NA	60.93	94.30	33.37	NA	NA	NA	NA	NA	NA	NA

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D Gallons per foot of casing	0.02	0.16	0.65	1.47	

Field Equipment: QED
Purge Method: Low-Flow / Bladder pump
Well Condition: Good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	pH	Temperature (°C)	Turbidity (NTU)	Conductivity (M S/CM)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1310	NA	NA	200ml/min	61.02	6.63	21.88	7.2	0.338	3.27	-110	clear
1313				61.07	6.53	21.89	2.0	0.352	0.17	-114	clear
1316				61.05	6.52	21.89	1.5	0.345	0.00	-120	clear
1319				61.07	6.55	21.90	1.8	0.337	0.00	-122	clear
1322				61.07	6.53	21.88	2.0	0.335	0.00	-121	clear
1325				61.07	6.53	21.87	1.9	0.334	0.00	-121	clear
1328				61.07	6.53	21.88	2.0	0.335	0.00	-120	clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (Cx0.80) – B	Water Level at Sampling Time (ft bmp)	Sample Collection Time	Sample Identification
1310	1328	200ml/min	NA	NA	NA	61.07	1333	EWB-002_WG-121207_0001

Pump set @ 84.30

FERROUS IRON: 1.58 mg/L

CHEMETRICS DO: 0.45 mg/L

BOE-C6-0187772

APPENDIX B

BOE-C6-0187773

Appendix B

Groundwater Laboratory Report

AVOCET
ENVIRONMENTAL, INC.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project: Boeing GW monitoring event
Former C-1 Facility
1155.002

Sampled: 12/12/07
Received: 12/12/07
Issued: 12/31/07 15:59

NELAP #01108CA California ELAP#1197 CSDLAC #10256

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 3°C, on ice and with chain of custody documentation.

HOLDING TIMES: All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Results that fall between the MDL and RL are 'J' flagged.

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: Please note there is a hit for Acetone in the Trip blank (-01) and Equipment Blank (-02) in the 8260B analysis.

Per instructions from Avocet personnel on December 13, 2007, sample -06 was logged in.

Please note the Volatile Fatty Acids and the Quantitative Polymerase Chain Reaction analyses cannot be reported due to laboratory error.

LABORATORY ID	CLIENT ID	MATRIX
IQL1404-01	TB_AV121207_0001	Water
IQL1404-02	EB_AV121207_0001	Water
IQL1404-03	EWB002_WG121207_0001	Water

estAmerica Irvine

rrupti Mistry
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

LABORATORY ID	CLIENT ID	MATRIX
IQL1404-04	EWB001_WG121207_0001	Water
IQL1404-05	EWC001_WG121207_0001	Water
IQL1404-06	EWC001_WG121207_0002	Water

Reviewed By:

TestAmerica Irvine

Trupti Mistry
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
ample ID: IQL1404-01 (TB_AV121207_0001 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	7L21018	4.5	10	**18**	1	12/21/07	12/22/07	
enzene	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
romobenzene	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
Bromochloromethane	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
romodichloromethane	EPA 8260B	7L21018	0.30	1.0	ND	1	12/21/07	12/22/07	
romoform	EPA 8260B	7L21018	0.40	1.0	ND	1	12/21/07	12/22/07	
Bromomethane	EPA 8260B	7L21018	0.42	1.0	ND	1	12/21/07	12/22/07	
2-Butanone (MEK)	EPA 8260B	7L21018	4.7	5.0	ND	1	12/21/07	12/22/07	
-Butylbenzene	EPA 8260B	7L21018	0.37	1.0	ND	1	12/21/07	12/22/07	
sec-Butylbenzene	EPA 8260B	7L21018	0.25	1.0	ND	1	12/21/07	12/22/07	
tert-Butylbenzene	EPA 8260B	7L21018	0.22	1.0	ND	1	12/21/07	12/22/07	
arbon Disulfide	EPA 8260B	7L21018	0.48	1.0	ND	1	12/21/07	12/22/07	
arbon tetrachloride	EPA 8260B	7L21018	0.28	0.50	ND	1	12/21/07	12/22/07	
Chlorobenzene	EPA 8260B	7L21018	0.36	1.0	ND	1	12/21/07	12/22/07	
hloroethane	EPA 8260B	7L21018	0.40	2.0	ND	1	12/21/07	12/22/07	
hloroform	EPA 8260B	7L21018	0.33	1.0	ND	1	12/21/07	12/22/07	
Chloromethane	EPA 8260B	7L21018	0.40	2.0	ND	1	12/21/07	12/22/07	
2-Chlorotoluene	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
-Chlorotoluene	EPA 8260B	7L21018	0.29	1.0	ND	1	12/21/07	12/22/07	
,2-Dibromo-3-chloropropane	EPA 8260B	7L21018	0.97	2.0	ND	1	12/21/07	12/22/07	
Dibromochloromethane	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
,2-Dibromoethane (EDB)	EPA 8260B	7L21018	0.40	1.0	ND	1	12/21/07	12/22/07	
,4-Dichlorobenzene	EPA 8260B	7L21018	0.37	1.0	ND	1	12/21/07	12/22/07	
1,2-Dichlorobenzene	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
,3-Dichlorobenzene	EPA 8260B	7L21018	0.35	1.0	ND	1	12/21/07	12/22/07	
ichlorodifluoromethane	EPA 8260B	7L21018	0.26	1.0	ND	1	12/21/07	12/22/07	
,2-Dichloroethane	EPA 8260B	7L21018	0.28	0.50	ND	1	12/21/07	12/22/07	
1,1-Dichloroethane	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
,1-Dichloroethene	EPA 8260B	7L21018	0.42	1.0	ND	1	12/21/07	12/22/07	
is-1,2-Dichloroethene	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
trans-1,2-Dichloroethene	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
,2-Dichloropropane	EPA 8260B	7L21018	0.35	1.0	ND	1	12/21/07	12/22/07	
,2-Dichloropropane	EPA 8260B	7L21018	0.34	1.0	ND	1	12/21/07	12/22/07	
cis-1,3-Dichloropropene	EPA 8260B	7L21018	0.22	0.50	ND	1	12/21/07	12/22/07	
,1-Dichloropropene	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
ans-1,3-Dichloropropene	EPA 8260B	7L21018	0.32	0.50	ND	1	12/21/07	12/22/07	
thylbenzene	EPA 8260B	7L21018	0.25	1.0	ND	1	12/21/07	12/22/07	
Hexachlorobutadiene	EPA 8260B	7L21018	0.38	1.0	ND	1	12/21/07	12/22/07	
-Hexanone	EPA 8260B	7L21018	2.6	6.0	ND	1	12/21/07	12/22/07	
odomethane	EPA 8260B	7L21018	1.0	2.0	ND	1	12/21/07	12/22/07	
Isopropylbenzene	EPA 8260B	7L21018	0.25	1.0	ND	1	12/21/07	12/22/07	

estAmerica Irvine

rupti Mistry
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-01 (TB_AV121207_0001 - Water) - cont.									
Reporting Units: ug/l									
p-Isopropyltoluene	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
Methylene chloride	EPA 8260B	7L21018	0.95	1.0	ND	1	12/21/07	12/22/07	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	7L21018	3.5	5.0	ND	1	12/21/07	12/22/07	
n-Propylbenzene	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
Styrene	EPA 8260B	7L21018	0.16	1.0	ND	1	12/21/07	12/22/07	
1,1,1,2-Tetrachloroethane	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
1,1,2,2-Tetrachloroethane	EPA 8260B	7L21018	0.24	1.0	ND	1	12/21/07	12/22/07	
Tetrachloroethene	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
Tetrahydrofuran (THF)	EPA 8260B	7L21018	3.5	10	**5.4**	1	12/21/07	12/22/07	B, J
Toluene	EPA 8260B	7L21018	0.36	1.0	ND	1	12/21/07	12/22/07	
1,2,3-Trichlorobenzene	EPA 8260B	7L21018	0.30	1.0	ND	1	12/21/07	12/22/07	
1,2,4-Trichlorobenzene	EPA 8260B	7L21018	0.48	1.0	ND	1	12/21/07	12/22/07	
1,1,2-Trichloroethane	EPA 8260B	7L21018	0.30	1.0	ND	1	12/21/07	12/22/07	
1,1,1-Trichloroethane	EPA 8260B	7L21018	0.30	1.0	ND	1	12/21/07	12/22/07	
Trichloroethene	EPA 8260B	7L21018	0.26	1.0	ND	1	12/21/07	12/22/07	
Trichlorofluoromethane	EPA 8260B	7L21018	0.34	2.0	ND	1	12/21/07	12/22/07	
1,2,3-Trichloropropane	EPA 8260B	7L21018	0.40	1.0	ND	1	12/21/07	12/22/07	
1,2,4-Trimethylbenzene	EPA 8260B	7L21018	0.23	1.0	ND	1	12/21/07	12/22/07	
1,3,5-Trimethylbenzene	EPA 8260B	7L21018	0.26	1.0	ND	1	12/21/07	12/22/07	
Vinyl acetate	EPA 8260B	7L21018	1.0	6.0	ND	1	12/21/07	12/22/07	
Vinyl chloride	EPA 8260B	7L21018	0.30	0.50	ND	1	12/21/07	12/22/07	
Xylenes, Total	EPA 8260B	7L21018	0.90	1.0	ND	1	12/21/07	12/22/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*91 %*				
Surrogate: Dibromofluoromethane (80-120%)					*89 %*				
Surrogate: Toluene-d8 (80-120%)					*97 %*				

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Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
ample ID: IQL1404-02 (EB_AV121207_0001 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	7L21018	4.5	10	**18**	1	12/21/07	12/22/07	
enzene	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
romobenzene	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
Bromochloromethane	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
romodichloromethane	EPA 8260B	7L21018	0.30	1.0	ND	1	12/21/07	12/22/07	
romoform	EPA 8260B	7L21018	0.40	1.0	ND	1	12/21/07	12/22/07	
Bromomethane	EPA 8260B	7L21018	0.42	1.0	ND	1	12/21/07	12/22/07	
-Butanone (MEK)	EPA 8260B	7L21018	4.7	5.0	ND	1	12/21/07	12/22/07	
-Butylbenzene	EPA 8260B	7L21018	0.37	1.0	ND	1	12/21/07	12/22/07	
sec-Butylbenzene	EPA 8260B	7L21018	0.25	1.0	ND	1	12/21/07	12/22/07	
tert-Butylbenzene	EPA 8260B	7L21018	0.22	1.0	ND	1	12/21/07	12/22/07	
arbon Disulfide	EPA 8260B	7L21018	0.48	1.0	ND	1	12/21/07	12/22/07	
arbon tetrachloride	EPA 8260B	7L21018	0.28	0.50	ND	1	12/21/07	12/22/07	
Chlorobenzene	EPA 8260B	7L21018	0.36	1.0	ND	1	12/21/07	12/22/07	
hloroethane	EPA 8260B	7L21018	0.40	2.0	ND	1	12/21/07	12/22/07	
hloroform	EPA 8260B	7L21018	0.33	1.0	ND	1	12/21/07	12/22/07	
Chloromethane	EPA 8260B	7L21018	0.40	2.0	ND	1	12/21/07	12/22/07	
2-Chlorotoluene	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
-Chlorotoluene	EPA 8260B	7L21018	0.29	1.0	ND	1	12/21/07	12/22/07	
,2-Dibromo-3-chloropropane	EPA 8260B	7L21018	0.97	2.0	ND	1	12/21/07	12/22/07	
Dibromochloromethane	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
,2-Dibromoethane (EDB)	EPA 8260B	7L21018	0.40	1.0	ND	1	12/21/07	12/22/07	
,4-Dichlorobenzene	EPA 8260B	7L21018	0.37	1.0	ND	1	12/21/07	12/22/07	
1,2-Dichlorobenzene	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
,3-Dichlorobenzene	EPA 8260B	7L21018	0.35	1.0	ND	1	12/21/07	12/22/07	
ichlorodifluoromethane	EPA 8260B	7L21018	0.26	1.0	ND	1	12/21/07	12/22/07	
,2-Dichloroethane	EPA 8260B	7L21018	0.28	0.50	ND	1	12/21/07	12/22/07	
1,1-Dichloroethane	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
,1-Dichloroethene	EPA 8260B	7L21018	0.42	1.0	ND	1	12/21/07	12/22/07	
is-1,2-Dichloroethene	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
trans-1,2-Dichloroethene	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
,2-Dichloropropane	EPA 8260B	7L21018	0.35	1.0	ND	1	12/21/07	12/22/07	
,2-Dichloropropane	EPA 8260B	7L21018	0.34	1.0	ND	1	12/21/07	12/22/07	
cis-1,3-Dichloropropene	EPA 8260B	7L21018	0.22	0.50	ND	1	12/21/07	12/22/07	
,1-Dichloropropene	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
ans-1,3-Dichloropropene	EPA 8260B	7L21018	0.32	0.50	ND	1	12/21/07	12/22/07	
thylbenzene	EPA 8260B	7L21018	0.25	1.0	ND	1	12/21/07	12/22/07	
Hexachlorobutadiene	EPA 8260B	7L21018	0.38	1.0	ND	1	12/21/07	12/22/07	
-Hexanone	EPA 8260B	7L21018	2.6	6.0	ND	1	12/21/07	12/22/07	
odomethane	EPA 8260B	7L21018	1.0	2.0	ND	1	12/21/07	12/22/07	
Isopropylbenzene	EPA 8260B	7L21018	0.25	1.0	ND	1	12/21/07	12/22/07	

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-02 (EB_AV121207_0001 - Water) - cont.									
Reporting Units: ug/l									
p-Isopropyltoluene	EPA 8260B	7L21018	0.28	1.0	ND	1	12/21/07	12/22/07	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
Methylene chloride	EPA 8260B	7L21018	0.95	1.0	ND	1	12/21/07	12/22/07	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	7L21018	3.5	5.0	ND	1	12/21/07	12/22/07	
n-Propylbenzene	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
Styrene	EPA 8260B	7L21018	0.16	1.0	ND	1	12/21/07	12/22/07	
1,1,1,2-Tetrachloroethane	EPA 8260B	7L21018	0.27	1.0	ND	1	12/21/07	12/22/07	
1,1,2,2-Tetrachloroethane	EPA 8260B	7L21018	0.24	1.0	ND	1	12/21/07	12/22/07	
Tetrachloroethene	EPA 8260B	7L21018	0.32	1.0	ND	1	12/21/07	12/22/07	
Tetrahydrofuran (THF)	EPA 8260B	7L21018	3.5	10	ND	1	12/21/07	12/22/07	
Toluene	EPA 8260B	7L21018	0.36	1.0	ND	1	12/21/07	12/22/07	
1,2,3-Trichlorobenzene	EPA 8260B	7L21018	0.30	1.0	ND	1	12/21/07	12/22/07	
1,2,4-Trichlorobenzene	EPA 8260B	7L21018	0.48	1.0	ND	1	12/21/07	12/22/07	
1,1,2-Trichloroethane	EPA 8260B	7L21018	0.30	1.0	ND	1	12/21/07	12/22/07	
1,1,1-Trichloroethane	EPA 8260B	7L21018	0.30	1.0	ND	1	12/21/07	12/22/07	
Trichloroethene	EPA 8260B	7L21018	0.26	1.0	ND	1	12/21/07	12/22/07	
Trichlorofluoromethane	EPA 8260B	7L21018	0.34	2.0	ND	1	12/21/07	12/22/07	
1,2,3-Trichloropropane	EPA 8260B	7L21018	0.40	1.0	ND	1	12/21/07	12/22/07	
1,2,4-Trimethylbenzene	EPA 8260B	7L21018	0.23	1.0	ND	1	12/21/07	12/22/07	
1,3,5-Trimethylbenzene	EPA 8260B	7L21018	0.26	1.0	ND	1	12/21/07	12/22/07	
Vinyl acetate	EPA 8260B	7L21018	1.0	6.0	ND	1	12/21/07	12/22/07	
Vinyl chloride	EPA 8260B	7L21018	0.30	0.50	ND	1	12/21/07	12/22/07	
Xylenes, Total	EPA 8260B	7L21018	0.90	1.0	ND	1	12/21/07	12/22/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*90 %*				
Surrogate: Dibromofluoromethane (80-120%)					*90 %*				
Surrogate: Toluene-d8 (80-120%)					*97 %*				

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Project Manager

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
ample ID: IQL1404-03 (EWB002_WG121207_0001 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	7L23002	2200	5000	**8000**	500	12/23/07	12/23/07	
-Butanone (MEK)	EPA 8260B	7L23002	2400	2500	**16000**	500	12/23/07	12/23/07	
is-1,2-Dichloroethene	EPA 8260B	7L23002	160	500	**6100**	500	12/23/07	12/23/07	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	7L23002	1800	2500	**11000**	500	12/23/07	12/23/07	
oluene	EPA 8260B	7L23002	180	500	**6800**	500	12/23/07	12/23/07	
inyl chloride	EPA 8260B	7L23002	150	250	**5600**	500	12/23/07	12/23/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*100 %*				
urrogate: Dibromofluoromethane (80-120%)					*94 %*				
urrogate: Toluene-d8 (80-120%)					*101 %*				
Sample ID: IQL1404-03RE1 (EWB002_WG121207_0001 - Water)									
Reporting Units: ug/l									
enzene	EPA 8260B	7L24005	14	50	**58**	50	12/24/07	12/24/07	
Bromobenzene	EPA 8260B	7L24005	14	50	ND	50	12/24/07	12/24/07	
Bromochloromethane	EPA 8260B	7L24005	16	50	ND	50	12/24/07	12/24/07	
romodichloromethane	EPA 8260B	7L24005	15	50	ND	50	12/24/07	12/24/07	
romoform	EPA 8260B	7L24005	20	50	ND	50	12/24/07	12/24/07	
Bromomethane	EPA 8260B	7L24005	21	50	ND	50	12/24/07	12/24/07	
-Butylbenzene	EPA 8260B	7L24005	18	50	ND	50	12/24/07	12/24/07	
ec-Butylbenzene	EPA 8260B	7L24005	12	50	ND	50	12/24/07	12/24/07	
tert-Butylbenzene	EPA 8260B	7L24005	11	50	ND	50	12/24/07	12/24/07	
arbon Disulfide	EPA 8260B	7L24005	24	50	ND	50	12/24/07	12/24/07	
arbon tetrachloride	EPA 8260B	7L24005	14	25	ND	50	12/24/07	12/24/07	
hlorobenzene	EPA 8260B	7L24005	18	50	ND	50	12/24/07	12/24/07	
Chloroethane	EPA 8260B	7L24005	20	100	ND	50	12/24/07	12/24/07	
hloroform	EPA 8260B	7L24005	16	50	**26**	50	12/24/07	12/24/07	J
hloromethane	EPA 8260B	7L24005	20	100	ND	50	12/24/07	12/24/07	
2-Chlorotoluene	EPA 8260B	7L24005	14	50	ND	50	12/24/07	12/24/07	
-Chlorotoluene	EPA 8260B	7L24005	14	50	ND	50	12/24/07	12/24/07	
,2-Dibromo-3-chloropropane	EPA 8260B	7L24005	48	100	ND	50	12/24/07	12/24/07	
Dibromochloromethane	EPA 8260B	7L24005	14	50	ND	50	12/24/07	12/24/07	
1,2-Dibromoethane (EDB)	EPA 8260B	7L24005	20	50	ND	50	12/24/07	12/24/07	
,4-Dichlorobenzene	EPA 8260B	7L24005	18	50	ND	50	12/24/07	12/24/07	
,2-Dichlorobenzene	EPA 8260B	7L24005	16	50	ND	50	12/24/07	12/24/07	
1,3-Dichlorobenzene	EPA 8260B	7L24005	18	50	ND	50	12/24/07	12/24/07	
ichlorodifluoromethane	EPA 8260B	7L24005	13	50	ND	50	12/24/07	12/24/07	
,2-Dichloroethane	EPA 8260B	7L24005	14	25	**140**	50	12/24/07	12/24/07	
1,1-Dichloroethane	EPA 8260B	7L24005	14	50	**540**	50	12/24/07	12/24/07	
,1-Dichloroethene	EPA 8260B	7L24005	21	50	**3400**	50	12/24/07	12/24/07	
rans-1,2-Dichloroethene	EPA 8260B	7L24005	14	50	**300**	50	12/24/07	12/24/07	
1,2-Dichloropropane	EPA 8260B	7L24005	18	50	ND	50	12/24/07	12/24/07	

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-03RE1 (EWB002_WG121207_0001 - Water) - cont.									
Reporting Units: ug/l									
2,2-Dichloropropane	EPA 8260B	7L24005	17	50	ND	50	12/24/07	12/24/07	
cis-1,3-Dichloropropene	EPA 8260B	7L24005	11	25	ND	50	12/24/07	12/24/07	
1,1-Dichloropropene	EPA 8260B	7L24005	14	50	ND	50	12/24/07	12/24/07	
trans-1,3-Dichloropropene	EPA 8260B	7L24005	16	25	ND	50	12/24/07	12/24/07	
Ethylbenzene	EPA 8260B	7L24005	12	50	ND	50	12/24/07	12/24/07	
Hexachlorobutadiene	EPA 8260B	7L24005	19	50	ND	50	12/24/07	12/24/07	
2-Hexanone	EPA 8260B	7L24005	130	300	**260**	50	12/24/07	12/24/07	J
Iodomethane	EPA 8260B	7L24005	50	100	ND	50	12/24/07	12/24/07	
Isopropylbenzene	EPA 8260B	7L24005	12	50	ND	50	12/24/07	12/24/07	
p-Isopropyltoluene	EPA 8260B	7L24005	14	50	ND	50	12/24/07	12/24/07	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7L24005	16	50	ND	50	12/24/07	12/24/07	
Methylene chloride	EPA 8260B	7L24005	48	50	ND	50	12/24/07	12/24/07	
n-Propylbenzene	EPA 8260B	7L24005	14	50	ND	50	12/24/07	12/24/07	
Styrene	EPA 8260B	7L24005	8.0	50	ND	50	12/24/07	12/24/07	
1,1,1,2-Tetrachloroethane	EPA 8260B	7L24005	14	50	ND	50	12/24/07	12/24/07	
1,1,2,2-Tetrachloroethane	EPA 8260B	7L24005	12	50	ND	50	12/24/07	12/24/07	
Tetrachloroethene	EPA 8260B	7L24005	16	50	ND	50	12/24/07	12/24/07	
Tetrahydrofuran (THF)	EPA 8260B	7L24005	180	500	ND	50	12/24/07	12/24/07	
1,2,3-Trichlorobenzene	EPA 8260B	7L24005	15	50	ND	50	12/24/07	12/24/07	
1,2,4-Trichlorobenzene	EPA 8260B	7L24005	24	50	ND	50	12/24/07	12/24/07	
1,1,2-Trichloroethane	EPA 8260B	7L24005	15	50	**76**	50	12/24/07	12/24/07	
1,1,1-Trichloroethane	EPA 8260B	7L24005	15	50	**22**	50	12/24/07	12/24/07	J
Trichloroethene	EPA 8260B	7L24005	13	50	**14**	50	12/24/07	12/24/07	J
Trichlorofluoromethane	EPA 8260B	7L24005	17	100	ND	50	12/24/07	12/24/07	
1,2,3-Trichloropropane	EPA 8260B	7L24005	20	50	ND	50	12/24/07	12/24/07	
1,2,4-Trimethylbenzene	EPA 8260B	7L24005	12	50	ND	50	12/24/07	12/24/07	
1,3,5-Trimethylbenzene	EPA 8260B	7L24005	13	50	ND	50	12/24/07	12/24/07	
Vinyl acetate	EPA 8260B	7L24005	50	300	ND	50	12/24/07	12/24/07	
Xylenes, Total	EPA 8260B	7L24005	45	50	**55**	50	12/24/07	12/24/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*99 %*				
Surrogate: Dibromofluoromethane (80-120%)					*95 %*				
Surrogate: Toluene-d8 (80-120%)					*101 %*				

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Project Manager

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
ample ID: IQL1404-04 (EWB001_WG121207_0001 - Water)									
Reporting Units: ug/l									
1,1-Dichloroethene	EPA 8260B	7L23002	4.2	10	**390**	10	12/23/07	12/23/07	
'richloroethene	EPA 8260B	7L23002	2.6	10	**520**	10	12/23/07	12/23/07	
urrogate: 4-Bromofluorobenzene (80-120%)					*99 %*				
Surrogate: Dibromofluoromethane (80-120%)					*94 %*				
urrogate: Toluene-d8 (80-120%)					*101 %*				
ample ID: IQL1404-04RE1 (EWB001_WG121207_0001 - Water)									
Reporting Units: ug/l									
cetone	EPA 8260B	7L26005	9.0	20	ND	2	12/26/07	12/26/07	
enzene	EPA 8260B	7L26005	0.56	2.0	ND	2	12/26/07	12/26/07	
Bromobenzene	EPA 8260B	7L26005	0.54	2.0	ND	2	12/26/07	12/26/07	
romochloromethane	EPA 8260B	7L26005	0.64	2.0	ND	2	12/26/07	12/26/07	
romodichloromethane	EPA 8260B	7L26005	0.60	2.0	ND	2	12/26/07	12/26/07	
Bromoform	EPA 8260B	7L26005	0.80	2.0	ND	2	12/26/07	12/26/07	
Bromomethane	EPA 8260B	7L26005	0.84	2.0	ND	2	12/26/07	12/26/07	
-Butanone (MEK)	EPA 8260B	7L26005	9.4	10	ND	2	12/26/07	12/26/07	
-Butylbenzene	EPA 8260B	7L26005	0.74	2.0	ND	2	12/26/07	12/26/07	
sec-Butylbenzene	EPA 8260B	7L26005	0.50	2.0	ND	2	12/26/07	12/26/07	
rt-Butylbenzene	EPA 8260B	7L26005	0.44	2.0	ND	2	12/26/07	12/26/07	
arbon Disulfide	EPA 8260B	7L26005	0.96	2.0	ND	2	12/26/07	12/26/07	
Carbon tetrachloride	EPA 8260B	7L26005	0.56	1.0	ND	2	12/26/07	12/26/07	
hlorobenzene	EPA 8260B	7L26005	0.72	2.0	ND	2	12/26/07	12/26/07	
hloroethane	EPA 8260B	7L26005	0.80	4.0	ND	2	12/26/07	12/26/07	
hloroform	EPA 8260B	7L26005	0.66	2.0	**1.3**	2	12/26/07	12/26/07	J
Chloromethane	EPA 8260B	7L26005	0.80	4.0	ND	2	12/26/07	12/26/07	
-Chlorotoluene	EPA 8260B	7L26005	0.56	2.0	ND	2	12/26/07	12/26/07	
-Chlorotoluene	EPA 8260B	7L26005	0.58	2.0	ND	2	12/26/07	12/26/07	
1,2-Dibromo-3-chloropropane	EPA 8260B	7L26005	1.9	4.0	ND	2	12/26/07	12/26/07	
ibromochloromethane	EPA 8260B	7L26005	0.56	2.0	ND	2	12/26/07	12/26/07	
,2-Dibromoethane (EDB)	EPA 8260B	7L26005	0.80	2.0	ND	2	12/26/07	12/26/07	
1,4-Dichlorobenzene	EPA 8260B	7L26005	0.74	2.0	ND	2	12/26/07	12/26/07	
1,2-Dichlorobenzene	EPA 8260B	7L26005	0.64	2.0	ND	2	12/26/07	12/26/07	
,3-Dichlorobenzene	EPA 8260B	7L26005	0.70	2.0	ND	2	12/26/07	12/26/07	
ichlorodifluoromethane	EPA 8260B	7L26005	0.52	2.0	ND	2	12/26/07	12/26/07	
1,2-Dichloroethane	EPA 8260B	7L26005	0.56	1.0	ND	2	12/26/07	12/26/07	
,1-Dichloroethane	EPA 8260B	7L26005	0.54	2.0	**3.5**	2	12/26/07	12/26/07	
s-1,2-Dichloroethene	EPA 8260B	7L26005	0.64	2.0	**11**	2	12/26/07	12/26/07	
trans-1,2-Dichloroethene	EPA 8260B	7L26005	0.54	2.0	**3.8**	2	12/26/07	12/26/07	
,2-Dichloropropane	EPA 8260B	7L26005	0.70	2.0	ND	2	12/26/07	12/26/07	
,2-Dichloropropane	EPA 8260B	7L26005	0.68	2.0	ND	2	12/26/07	12/26/07	
cis-1,3-Dichloropropene	EPA 8260B	7L26005	0.44	1.0	ND	2	12/26/07	12/26/07	

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THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-04RE1 (EWB001_WG121207_0001 - Water) - cont.									
Reporting Units: ug/l									
1,1-Dichloropropene	EPA 8260B	7L26005	0.56	2.0	ND	2	12/26/07	12/26/07	
trans-1,3-Dichloropropene	EPA 8260B	7L26005	0.64	1.0	ND	2	12/26/07	12/26/07	
Ethylbenzene	EPA 8260B	7L26005	0.50	2.0	ND	2	12/26/07	12/26/07	
Hexachlorobutadiene	EPA 8260B	7L26005	0.76	2.0	ND	2	12/26/07	12/26/07	
2-Hexanone	EPA 8260B	7L26005	5.2	12	ND	2	12/26/07	12/26/07	
Iodomethane	EPA 8260B	7L26005	2.0	4.0	ND	2	12/26/07	12/26/07	
Isopropylbenzene	EPA 8260B	7L26005	0.50	2.0	ND	2	12/26/07	12/26/07	
p-Isopropyltoluene	EPA 8260B	7L26005	0.56	2.0	ND	2	12/26/07	12/26/07	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7L26005	0.64	2.0	ND	2	12/26/07	12/26/07	
Methylene chloride	EPA 8260B	7L26005	1.9	2.0	ND	2	12/26/07	12/26/07	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	7L26005	7.0	10	ND	2	12/26/07	12/26/07	
n-Propylbenzene	EPA 8260B	7L26005	0.54	2.0	ND	2	12/26/07	12/26/07	
Styrene	EPA 8260B	7L26005	0.32	2.0	ND	2	12/26/07	12/26/07	
1,1,1,2-Tetrachloroethane	EPA 8260B	7L26005	0.54	2.0	ND	2	12/26/07	12/26/07	
1,1,2,2-Tetrachloroethane	EPA 8260B	7L26005	0.48	2.0	ND	2	12/26/07	12/26/07	
Tetrachloroethene	EPA 8260B	7L26005	0.64	2.0	ND	2	12/26/07	12/26/07	
Tetrahydrofuran (THF)	EPA 8260B	7L26005	7.0	20	ND	2	12/26/07	12/26/07	
Toluene	EPA 8260B	7L26005	0.72	2.0	ND	2	12/26/07	12/26/07	
1,2,3-Trichlorobenzene	EPA 8260B	7L26005	0.60	2.0	ND	2	12/26/07	12/26/07	
1,2,4-Trichlorobenzene	EPA 8260B	7L26005	0.96	2.0	ND	2	12/26/07	12/26/07	
1,1,2-Trichloroethane	EPA 8260B	7L26005	0.60	2.0	ND	2	12/26/07	12/26/07	
1,1,1-Trichloroethane	EPA 8260B	7L26005	0.60	2.0	ND	2	12/26/07	12/26/07	
Trichlorofluoromethane	EPA 8260B	7L26005	0.68	4.0	ND	2	12/26/07	12/26/07	
1,2,3-Trichloropropane	EPA 8260B	7L26005	0.80	2.0	ND	2	12/26/07	12/26/07	
1,2,4-Trimethylbenzene	EPA 8260B	7L26005	0.46	2.0	ND	2	12/26/07	12/26/07	
1,3,5-Trimethylbenzene	EPA 8260B	7L26005	0.52	2.0	ND	2	12/26/07	12/26/07	
Vinyl acetate	EPA 8260B	7L26005	2.0	12	ND	2	12/26/07	12/26/07	
Vinyl chloride	EPA 8260B	7L26005	0.60	1.0	ND	2	12/26/07	12/26/07	
Xylenes, Total	EPA 8260B	7L26005	1.8	2.0	ND	2	12/26/07	12/26/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*98 %*				
Surrogate: Dibromofluoromethane (80-120%)					*96 %*				
Surrogate: Toluene-d8 (80-120%)					*101 %*				

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
ample ID: IQL1404-05 (EWC001_WG121207_0001 - Water)									
Reporting Units: ug/l									
2-Butanone (MEK)	EPA 8260B	7L23002	2400	2500	**11000**	500	12/23/07	12/23/07	
-Methyl-2-pentanone (MIBK)	EPA 8260B	7L23002	1800	2500	**16000**	500	12/23/07	12/23/07	
oluene	EPA 8260B	7L23002	180	500	**38000**	500	12/23/07	12/23/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*101 %*				
urrogate: Dibromofluoromethane (80-120%)					*97 %*				
urrogate: Toluene-d8 (80-120%)					*103 %*				
Sample ID: IQL1404-05RE1 (EWC001_WG121207_0001 - Water)									
Reporting Units: ug/l									
cetone	EPA 8260B	7L26005	450	1000	**1100**	100	12/26/07	12/26/07	
Benzene	EPA 8260B	7L26005	28	100	**100**	100	12/26/07	12/26/07	
Bromobenzene	EPA 8260B	7L26005	27	100	ND	100	12/26/07	12/26/07	
romochloromethane	EPA 8260B	7L26005	32	100	ND	100	12/26/07	12/26/07	
Bromodichloromethane	EPA 8260B	7L26005	30	100	ND	100	12/26/07	12/26/07	
Bromoform	EPA 8260B	7L26005	40	100	ND	100	12/26/07	12/26/07	
romomethane	EPA 8260B	7L26005	42	100	ND	100	12/26/07	12/26/07	
-Butylbenzene	EPA 8260B	7L26005	37	100	ND	100	12/26/07	12/26/07	
sec-Butylbenzene	EPA 8260B	7L26005	25	100	ND	100	12/26/07	12/26/07	
rt-Butylbenzene	EPA 8260B	7L26005	22	100	ND	100	12/26/07	12/26/07	
arbon Disulfide	EPA 8260B	7L26005	48	100	ND	100	12/26/07	12/26/07	
Carbon tetrachloride	EPA 8260B	7L26005	28	50	ND	100	12/26/07	12/26/07	
Chlorobenzene	EPA 8260B	7L26005	36	100	ND	100	12/26/07	12/26/07	
hloroethane	EPA 8260B	7L26005	40	200	ND	100	12/26/07	12/26/07	
hloroform	EPA 8260B	7L26005	33	100	ND	100	12/26/07	12/26/07	
Chloromethane	EPA 8260B	7L26005	40	200	ND	100	12/26/07	12/26/07	
-Chlorotoluene	EPA 8260B	7L26005	28	100	ND	100	12/26/07	12/26/07	
-Chlorotoluene	EPA 8260B	7L26005	29	100	ND	100	12/26/07	12/26/07	
1,2-Dibromo-3-chloropropane	EPA 8260B	7L26005	97	200	ND	100	12/26/07	12/26/07	
ibromochloromethane	EPA 8260B	7L26005	28	100	ND	100	12/26/07	12/26/07	
,2-Dibromoethane (EDB)	EPA 8260B	7L26005	40	100	ND	100	12/26/07	12/26/07	
,4-Dichlorobenzene	EPA 8260B	7L26005	37	100	ND	100	12/26/07	12/26/07	
1,2-Dichlorobenzene	EPA 8260B	7L26005	32	100	ND	100	12/26/07	12/26/07	
,3-Dichlorobenzene	EPA 8260B	7L26005	35	100	ND	100	12/26/07	12/26/07	
ichlorodifluoromethane	EPA 8260B	7L26005	26	100	ND	100	12/26/07	12/26/07	
1,2-Dichloroethane	EPA 8260B	7L26005	28	50	**87**	100	12/26/07	12/26/07	
,1-Dichloroethane	EPA 8260B	7L26005	27	100	**250**	100	12/26/07	12/26/07	
1-Dichloroethene	EPA 8260B	7L26005	42	100	**11000**	100	12/26/07	12/26/07	
cis-1,2-Dichloroethene	EPA 8260B	7L26005	32	100	**3700**	100	12/26/07	12/26/07	
ans-1,2-Dichloroethene	EPA 8260B	7L26005	27	100	**250**	100	12/26/07	12/26/07	
2-Dichloropropane	EPA 8260B	7L26005	35	100	ND	100	12/26/07	12/26/07	
2,2-Dichloropropane	EPA 8260B	7L26005	34	100	ND	100	12/26/07	12/26/07	

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-05RE1 (EWC001_WG121207_0001 - Water) - cont.									
Reporting Units: ug/l									
cis-1,3-Dichloropropene	EPA 8260B	7L26005	22	50	ND	100	12/26/07	12/26/07	
1,1-Dichloropropene	EPA 8260B	7L26005	28	100	ND	100	12/26/07	12/26/07	
trans-1,3-Dichloropropene	EPA 8260B	7L26005	32	50	ND	100	12/26/07	12/26/07	
Ethylbenzene	EPA 8260B	7L26005	25	100	**55**	100	12/26/07	12/26/07	J
Hexachlorobutadiene	EPA 8260B	7L26005	38	100	ND	100	12/26/07	12/26/07	
2-Hexanone	EPA 8260B	7L26005	260	600	ND	100	12/26/07	12/26/07	
Iodomethane	EPA 8260B	7L26005	100	200	ND	100	12/26/07	12/26/07	
Isopropylbenzene	EPA 8260B	7L26005	25	100	ND	100	12/26/07	12/26/07	
p-Isopropyltoluene	EPA 8260B	7L26005	28	100	ND	100	12/26/07	12/26/07	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7L26005	32	100	ND	100	12/26/07	12/26/07	
Methylene chloride	EPA 8260B	7L26005	95	100	ND	100	12/26/07	12/26/07	
n-Propylbenzene	EPA 8260B	7L26005	27	100	ND	100	12/26/07	12/26/07	
Styrene	EPA 8260B	7L26005	16	100	ND	100	12/26/07	12/26/07	
1,1,1,2-Tetrachloroethane	EPA 8260B	7L26005	27	100	ND	100	12/26/07	12/26/07	
1,1,2,2-Tetrachloroethane	EPA 8260B	7L26005	24	100	ND	100	12/26/07	12/26/07	
Tetrachloroethene	EPA 8260B	7L26005	32	100	ND	100	12/26/07	12/26/07	
Tetrahydrofuran (THF)	EPA 8260B	7L26005	350	1000	ND	100	12/26/07	12/26/07	
1,2,3-Trichlorobenzene	EPA 8260B	7L26005	30	100	ND	100	12/26/07	12/26/07	
1,2,4-Trichlorobenzene	EPA 8260B	7L26005	48	100	ND	100	12/26/07	12/26/07	
1,1,2-Trichloroethane	EPA 8260B	7L26005	30	100	**77**	100	12/26/07	12/26/07	J
1,1,1-Trichloroethane	EPA 8260B	7L26005	30	100	**480**	100	12/26/07	12/26/07	
Trichloroethene	EPA 8260B	7L26005	26	100	**1600**	100	12/26/07	12/26/07	
Trichlorofluoromethane	EPA 8260B	7L26005	34	200	ND	100	12/26/07	12/26/07	
1,2,3-Trichloropropane	EPA 8260B	7L26005	40	100	ND	100	12/26/07	12/26/07	
1,2,4-Trimethylbenzene	EPA 8260B	7L26005	23	100	ND	100	12/26/07	12/26/07	
1,3,5-Trimethylbenzene	EPA 8260B	7L26005	26	100	ND	100	12/26/07	12/26/07	
Vinyl acetate	EPA 8260B	7L26005	100	600	ND	100	12/26/07	12/26/07	
Vinyl chloride	EPA 8260B	7L26005	30	50	**2300**	100	12/26/07	12/26/07	
Xylenes, Total	EPA 8260B	7L26005	90	100	**280**	100	12/26/07	12/26/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*98 %*				
Surrogate: Dibromofluoromethane (80-120%)					*97 %*				
Surrogate: Toluene-d8 (80-120%)					*100 %*				

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Project Manager

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-06 (EWC001_WG121207_0002 - Water)									
Reporting Units: ug/l									
2-Butanone (MEK)	EPA 8260B	7L23002	2400	2500	**11000**	500	12/23/07	12/23/07	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	7L23002	1800	2500	**16000**	500	12/23/07	12/23/07	
Toluene	EPA 8260B	7L23002	180	500	**38000**	500	12/23/07	12/23/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*99 %*				
Surrogate: Dibromofluoromethane (80-120%)					*95 %*				
Surrogate: Toluene-d8 (80-120%)					*100 %*				
Sample ID: IQL1404-06RE1 (EWC001_WG121207_0002 - Water)									
Reporting Units: ug/l									
Acetone	EPA 8260B	7L26005	450	1000	**1000**	100	12/26/07	12/26/07	
Benzene	EPA 8260B	7L26005	28	100	**97**	100	12/26/07	12/26/07	J
Bromobenzene	EPA 8260B	7L26005	27	100	ND	100	12/26/07	12/26/07	
Bromochloromethane	EPA 8260B	7L26005	32	100	ND	100	12/26/07	12/26/07	
Bromodichloromethane	EPA 8260B	7L26005	30	100	ND	100	12/26/07	12/26/07	
Bromoform	EPA 8260B	7L26005	40	100	ND	100	12/26/07	12/26/07	
Bromomethane	EPA 8260B	7L26005	42	100	ND	100	12/26/07	12/26/07	
n-Butylbenzene	EPA 8260B	7L26005	37	100	ND	100	12/26/07	12/26/07	
sec-Butylbenzene	EPA 8260B	7L26005	25	100	ND	100	12/26/07	12/26/07	
tert-Butylbenzene	EPA 8260B	7L26005	22	100	ND	100	12/26/07	12/26/07	
Carbon Disulfide	EPA 8260B	7L26005	48	100	ND	100	12/26/07	12/26/07	
Carbon tetrachloride	EPA 8260B	7L26005	28	50	ND	100	12/26/07	12/26/07	
Chlorobenzene	EPA 8260B	7L26005	36	100	ND	100	12/26/07	12/26/07	
Chloroethane	EPA 8260B	7L26005	40	200	ND	100	12/26/07	12/26/07	
Chloroform	EPA 8260B	7L26005	33	100	ND	100	12/26/07	12/26/07	
Chloromethane	EPA 8260B	7L26005	40	200	ND	100	12/26/07	12/26/07	
2-Chlorotoluene	EPA 8260B	7L26005	28	100	ND	100	12/26/07	12/26/07	
4-Chlorotoluene	EPA 8260B	7L26005	29	100	ND	100	12/26/07	12/26/07	
1,2-Dibromo-3-chloropropane	EPA 8260B	7L26005	97	200	ND	100	12/26/07	12/26/07	
Dibromochloromethane	EPA 8260B	7L26005	28	100	ND	100	12/26/07	12/26/07	
1,2-Dibromoethane (EDB)	EPA 8260B	7L26005	40	100	ND	100	12/26/07	12/26/07	
1,4-Dichlorobenzene	EPA 8260B	7L26005	37	100	ND	100	12/26/07	12/26/07	
1,2-Dichlorobenzene	EPA 8260B	7L26005	32	100	ND	100	12/26/07	12/26/07	
1,3-Dichlorobenzene	EPA 8260B	7L26005	35	100	ND	100	12/26/07	12/26/07	
Dichlorodifluoromethane	EPA 8260B	7L26005	26	100	ND	100	12/26/07	12/26/07	
1,2-Dichloroethane	EPA 8260B	7L26005	28	50	**81**	100	12/26/07	12/26/07	
1,1-Dichloroethane	EPA 8260B	7L26005	27	100	**240**	100	12/26/07	12/26/07	
1,1-Dichloroethene	EPA 8260B	7L26005	42	100	**10000**	100	12/26/07	12/26/07	
cis-1,2-Dichloroethene	EPA 8260B	7L26005	32	100	**3400**	100	12/26/07	12/26/07	
trans-1,2-Dichloroethene	EPA 8260B	7L26005	27	100	**240**	100	12/26/07	12/26/07	
2,2-Dichloropropane	EPA 8260B	7L26005	35	100	ND	100	12/26/07	12/26/07	
1,2-Dichloropropane	EPA 8260B	7L26005	34	100	ND	100	12/26/07	12/26/07	

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-06RE1 (EWC001_WG121207_0002 - Water) - cont.									
Reporting Units: ug/l									
cis-1,3-Dichloropropene	EPA 8260B	7L26005	22	50	ND	100	12/26/07	12/26/07	
1,1-Dichloropropene	EPA 8260B	7L26005	28	100	ND	100	12/26/07	12/26/07	
trans-1,3-Dichloropropene	EPA 8260B	7L26005	32	50	ND	100	12/26/07	12/26/07	
Ethylbenzene	EPA 8260B	7L26005	25	100	**50**	100	12/26/07	12/26/07	J
Hexachlorobutadiene	EPA 8260B	7L26005	38	100	ND	100	12/26/07	12/26/07	
2-Hexanone	EPA 8260B	7L26005	260	600	ND	100	12/26/07	12/26/07	
Iodomethane	EPA 8260B	7L26005	100	200	ND	100	12/26/07	12/26/07	
Isopropylbenzene	EPA 8260B	7L26005	25	100	ND	100	12/26/07	12/26/07	
p-Isopropyltoluene	EPA 8260B	7L26005	28	100	ND	100	12/26/07	12/26/07	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	7L26005	32	100	ND	100	12/26/07	12/26/07	
Methylene chloride	EPA 8260B	7L26005	95	100	ND	100	12/26/07	12/26/07	
n-Propylbenzene	EPA 8260B	7L26005	27	100	ND	100	12/26/07	12/26/07	
Styrene	EPA 8260B	7L26005	16	100	ND	100	12/26/07	12/26/07	
1,1,1,2-Tetrachloroethane	EPA 8260B	7L26005	27	100	ND	100	12/26/07	12/26/07	
1,1,2,2-Tetrachloroethane	EPA 8260B	7L26005	24	100	ND	100	12/26/07	12/26/07	
Tetrachloroethene	EPA 8260B	7L26005	32	100	ND	100	12/26/07	12/26/07	
Tetrahydrofuran (THF)	EPA 8260B	7L26005	350	1000	ND	100	12/26/07	12/26/07	
1,2,3-Trichlorobenzene	EPA 8260B	7L26005	30	100	ND	100	12/26/07	12/26/07	
1,2,4-Trichlorobenzene	EPA 8260B	7L26005	48	100	ND	100	12/26/07	12/26/07	
1,1,2-Trichloroethane	EPA 8260B	7L26005	30	100	**69**	100	12/26/07	12/26/07	J
1,1,1-Trichloroethane	EPA 8260B	7L26005	30	100	**430**	100	12/26/07	12/26/07	
Trichloroethene	EPA 8260B	7L26005	26	100	**1600**	100	12/26/07	12/26/07	
Trichlorofluoromethane	EPA 8260B	7L26005	34	200	ND	100	12/26/07	12/26/07	
1,2,3-Trichloropropane	EPA 8260B	7L26005	40	100	ND	100	12/26/07	12/26/07	
1,2,4-Trimethylbenzene	EPA 8260B	7L26005	23	100	ND	100	12/26/07	12/26/07	
1,3,5-Trimethylbenzene	EPA 8260B	7L26005	26	100	ND	100	12/26/07	12/26/07	
Vinyl acetate	EPA 8260B	7L26005	100	600	ND	100	12/26/07	12/26/07	
Vinyl chloride	EPA 8260B	7L26005	30	50	**2100**	100	12/26/07	12/26/07	
Xylenes, Total	EPA 8260B	7L26005	90	100	**260**	100	12/26/07	12/26/07	
Surrogate: 4-Bromofluorobenzene (80-120%)					*98 %*				
Surrogate: Dibromofluoromethane (80-120%)					*97 %*				
Surrogate: Toluene-d8 (80-120%)					*101 %*				

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-03 (EWB002_WG121207_0001 - Water)									
Reporting Units: mg/l									
Alkalinity as CaCO3	EPA 310.1	7L19067	2.0	2.0	**550**	1	12/19/07	12/19/07	
Chloride	EPA 300.0	7L12041	12	25	**650**	50	12/12/07	12/13/07	
Nitrate-NO3	EPA 300.0	7L12041	0.25	0.50	ND	1	12/12/07	12/12/07	
Nitrite-NO2	EPA 300.0	7L12041	0.30	0.50	**1.4**	1	12/12/07	12/12/07	
Sulfate	EPA 300.0	7L12041	0.20	0.50	**0.35**	1	12/12/07	12/12/07	J

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TOTAL ORGANIC CARBON (EPA 9060A MOD.)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IQL1404-03 (EWB002_WG121207_0001 - Water) - cont.									
Reporting Units: mg/l									
Total Organic Carbon	EPA 9060A MOD.	7L19098	0.50	1.0	**20**	1	12/19/07	12/19/07	

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1155.002
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Sampled: 12/12/07
Received: 12/12/07

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: EWB002_WG121207_0001 (IQL1404-03) - Water					
EPA 300.0	2	12/12/2007 13:33	12/12/2007 16:58	12/12/2007 18:00	12/12/2007 19:37

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Report Number: IQL1404

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L21018 Extracted: 12/21/07											
Blank Analyzed: 12/21/2007 (7L21018-BLK1)											
Acetone	ND	10	4.5	ug/l							
Benzene	ND	1.0	0.28	ug/l							
Bromobenzene	ND	1.0	0.27	ug/l							
Bromochloromethane	ND	1.0	0.32	ug/l							
Bromodichloromethane	ND	1.0	0.30	ug/l							
Bromoform	ND	1.0	0.40	ug/l							
Bromomethane	ND	1.0	0.42	ug/l							
2-Butanone (MEK)	ND	5.0	4.7	ug/l							
n-Butylbenzene	ND	1.0	0.37	ug/l							
sec-Butylbenzene	ND	1.0	0.25	ug/l							
tert-Butylbenzene	ND	1.0	0.22	ug/l							
Carbon Disulfide	ND	1.0	0.48	ug/l							
Carbon tetrachloride	ND	0.50	0.28	ug/l							
Chlorobenzene	ND	1.0	0.36	ug/l							
Chloroethane	ND	2.0	0.40	ug/l							
Chloroform	ND	1.0	0.33	ug/l							
Chloromethane	ND	2.0	0.40	ug/l							
2-Chlorotoluene	ND	1.0	0.28	ug/l							
4-Chlorotoluene	ND	1.0	0.29	ug/l							
1,2-Dibromo-3-chloropropane	ND	2.0	0.97	ug/l							
Dibromochloromethane	ND	1.0	0.28	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	0.40	ug/l							
1,4-Dichlorobenzene	ND	1.0	0.37	ug/l							
1,2-Dichlorobenzene	ND	1.0	0.32	ug/l							
1,3-Dichlorobenzene	ND	1.0	0.35	ug/l							
Dichlorodifluoromethane	ND	1.0	0.26	ug/l							
1,2-Dichloroethane	ND	0.50	0.28	ug/l							
1,1-Dichloroethane	ND	1.0	0.27	ug/l							
1,1-Dichloroethene	ND	1.0	0.42	ug/l							
cis-1,2-Dichloroethene	ND	1.0	0.32	ug/l							
trans-1,2-Dichloroethene	ND	1.0	0.27	ug/l							
1,2-Dichloropropane	ND	1.0	0.35	ug/l							
2,2-Dichloropropane	ND	1.0	0.34	ug/l							
cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l							
1,1-Dichloropropene	ND	1.0	0.28	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L21018 Extracted: 12/21/07											
lank Analyzed: 12/21/2007 (7L21018-BLK1)											
ans-1,3-Dichloropropene	ND	0.50	0.32	ug/l							
Ethylbenzene	ND	1.0	0.25	ug/l							
exachlorobutadiene	ND	1.0	0.38	ug/l							
-Hexanone	ND	6.0	2.6	ug/l							
Iodomethane	ND	2.0	1.0	ug/l							
opropylbenzene	ND	1.0	0.25	ug/l							
-Isopropyltoluene	ND	1.0	0.28	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	0.32	ug/l							
Methylene chloride	ND	1.0	0.95	ug/l							
-Methyl-2-pentanone (MIBK)	ND	5.0	3.5	ug/l							
-Propylbenzene	ND	1.0	0.27	ug/l							
Styrene	ND	1.0	0.16	ug/l							
,1,1,2-Tetrachloroethane	ND	1.0	0.27	ug/l							
,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l							
Tetrachloroethene	ND	1.0	0.32	ug/l							
etrahydrofuran (THF)	4.01	10	3.5	ug/l							*J*
oluene	ND	1.0	0.36	ug/l							
,2,3-Trichlorobenzene	ND	1.0	0.30	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	0.48	ug/l							
,1,2-Trichloroethane	ND	1.0	0.30	ug/l							
,1,1-Trichloroethane	ND	1.0	0.30	ug/l							
Trichloroethene	ND	1.0	0.26	ug/l							
richlorofluoromethane	ND	2.0	0.34	ug/l							
,2,3-Trichloropropane	ND	1.0	0.40	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	0.23	ug/l							
3,5-Trimethylbenzene	ND	1.0	0.26	ug/l							
inyl acetate	ND	6.0	1.0	ug/l							
inyl chloride	ND	0.50	0.30	ug/l							
Xylenes, Total	ND	1.0	0.90	ug/l							
urrogate: 4-Bromofluorobenzene	*23.0*			*ug/l*	*25.0*		*92*	*80-120*			
urrogate: Dibromofluoromethane	*22.3*			*ug/l*	*25.0*		*89*	*80-120*			
Surrogate: Toluene-d8	*24.1*			*ug/l*	*25.0*		*96*	*80-120*			

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Report Number: IQL1404

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Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L21018 Extracted: 12/21/07											
LCS Analyzed: 12/21/2007 (7L21018-BS1)											
Acetone	22.4	10	4.5	ug/l	25.0		89	30-140			
Benzene	23.2	1.0	0.28	ug/l	25.0		93	70-120			
Bromobenzene	24.8	1.0	0.27	ug/l	25.0		99	75-120			
Bromochloromethane	24.2	1.0	0.32	ug/l	25.0		97	70-130			
Bromodichloromethane	25.3	1.0	0.30	ug/l	25.0		101	70-135			
Bromoform	23.2	1.0	0.40	ug/l	25.0		93	55-130			
Bromomethane	24.7	1.0	0.42	ug/l	25.0		99	65-140			
2-Butanone (MEK)	21.8	5.0	4.7	ug/l	25.0		87	40-140			
n-Butylbenzene	23.3	1.0	0.37	ug/l	25.0		93	70-130			
sec-Butylbenzene	24.3	1.0	0.25	ug/l	25.0		97	70-125			
tert-Butylbenzene	25.1	1.0	0.22	ug/l	25.0		101	70-125			
Carbon Disulfide	21.7	1.0	0.48	ug/l	25.0		87	50-130			
Carbon tetrachloride	25.6	0.50	0.28	ug/l	25.0		102	65-140			
Chlorobenzene	24.8	1.0	0.36	ug/l	25.0		99	75-120			
Chloroethane	23.4	2.0	0.40	ug/l	25.0		94	60-140			
Chloroform	23.8	1.0	0.33	ug/l	25.0		95	70-130			
Chloromethane	22.1	2.0	0.40	ug/l	25.0		88	50-140			
2-Chlorotoluene	24.7	1.0	0.28	ug/l	25.0		99	70-125			
4-Chlorotoluene	25.3	1.0	0.29	ug/l	25.0		101	75-125			
1,2-Dibromo-3-chloropropane	22.6	2.0	0.97	ug/l	25.0		90	50-135			
Dibromochloromethane	27.0	1.0	0.28	ug/l	25.0		108	70-140			
1,2-Dibromoethane (EDB)	25.2	1.0	0.40	ug/l	25.0		101	75-125			
1,4-Dichlorobenzene	23.2	1.0	0.37	ug/l	25.0		93	75-120			
1,2-Dichlorobenzene	25.6	1.0	0.32	ug/l	25.0		102	75-120			
1,3-Dichlorobenzene	25.4	1.0	0.35	ug/l	25.0		102	75-120			
Dichlorodifluoromethane	29.0	1.0	0.26	ug/l	25.0		116	35-155			
1,2-Dichloroethane	25.6	0.50	0.28	ug/l	25.0		102	60-140			
1,1-Dichloroethane	22.0	1.0	0.27	ug/l	25.0		88	70-125			
1,1-Dichloroethene	20.2	1.0	0.42	ug/l	25.0		81	70-125			
cis-1,2-Dichloroethene	21.9	1.0	0.32	ug/l	25.0		88	70-125			
trans-1,2-Dichloroethene	22.0	1.0	0.27	ug/l	25.0		88	70-125			
1,2-Dichloropropane	23.2	1.0	0.35	ug/l	25.0		93	70-125			
2,2-Dichloropropane	23.2	1.0	0.34	ug/l	25.0		93	65-140			
cis-1,3-Dichloropropene	22.8	0.50	0.22	ug/l	25.0		91	75-125			
1,1-Dichloropropene	23.7	1.0	0.28	ug/l	25.0		95	75-130			

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1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L21018 Extracted: 12/21/07											
LCS Analyzed: 12/21/2007 (7L21018-BS1)											
rans-1,3-Dichloropropene	23.4	0.50	0.32	ug/l	25.0		94	70-125			
Ethylbenzene	25.0	1.0	0.25	ug/l	25.0		100	75-125			
lexachlorobutadiene	23.1	1.0	0.38	ug/l	25.0		93	65-135			
-Hexanone	22.2	6.0	2.6	ug/l	25.0		89	45-140			
Isopropylbenzene	29.0	1.0	0.25	ug/l	25.0		116	75-130			
-Isopropyltoluene	23.5	1.0	0.28	ug/l	25.0		94	75-125			
lethyl-tert-butyl Ether (MTBE)	25.0	1.0	0.32	ug/l	25.0		100	60-135			
Methylene chloride	20.6	1.0	0.95	ug/l	25.0		82	55-130			
4-Methyl-2-pentanone (MIBK)	23.4	5.0	3.5	ug/l	25.0		93	45-140			
-Propylbenzene	25.5	1.0	0.27	ug/l	25.0		102	75-130			
tyrene	24.2	1.0	0.16	ug/l	25.0		97	75-130			
1,1,1,2-Tetrachloroethane	25.7	1.0	0.27	ug/l	25.0		103	70-130			
,1,2,2-Tetrachloroethane	23.3	1.0	0.24	ug/l	25.0		93	55-130			
etrachloroethene	25.1	1.0	0.32	ug/l	25.0		100	70-125			
Toluene	24.8	1.0	0.36	ug/l	25.0		99	70-120			
,2,3-Trichlorobenzene	23.4	1.0	0.30	ug/l	25.0		94	65-125			
,2,4-Trichlorobenzene	25.4	1.0	0.48	ug/l	25.0		102	70-135			
,1,2-Trichloroethane	24.2	1.0	0.30	ug/l	25.0		97	70-125			
1,1,1-Trichloroethane	23.3	1.0	0.30	ug/l	25.0		93	65-135			
richloroethene	24.7	1.0	0.26	ug/l	25.0		99	70-125			
richlorofluoromethane	25.4	2.0	0.34	ug/l	25.0		102	65-145			
1,2,3-Trichloropropane	22.6	1.0	0.40	ug/l	25.0		91	60-130			
,2,4-Trimethylbenzene	24.5	1.0	0.23	ug/l	25.0		98	75-125			
,3,5-Trimethylbenzene	24.6	1.0	0.26	ug/l	25.0		98	75-125			
Vinyl acetate	22.8	6.0	1.0	ug/l	25.0		91	45-145			
Vinyl chloride	21.2	0.50	0.30	ug/l	25.0		85	55-135			
urrogate: 4-Bromofluorobenzene	*23.6*			*ug/l*	*25.0*		*95*	*80-120*			
urrogate: Dibromofluoromethane	*23.1*			*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*24.3*			*ug/l*	*25.0*		*97*	*80-120*			

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L21018 Extracted: 12/21/07											
Matrix Spike Analyzed: 12/21/2007 (7L21018-MS1)						**Source: IQL1196-01**					
Acetone	45.0	10	4.5	ug/l	25.0	24.4	83	20-150			
Benzene	23.4	1.0	0.28	ug/l	25.0	ND	94	65-125			
Bromobenzene	25.6	1.0	0.27	ug/l	25.0	ND	103	70-125			
Bromochloromethane	23.9	1.0	0.32	ug/l	25.0	ND	96	65-135			
Bromodichloromethane	25.5	1.0	0.30	ug/l	25.0	ND	102	70-135			
Bromoform	23.6	1.0	0.40	ug/l	25.0	ND	95	55-135			
Bromomethane	21.7	1.0	0.42	ug/l	25.0	ND	87	55-145			
2-Butanone (MEK)	23.0	5.0	4.7	ug/l	25.0	ND	92	30-145			
n-Butylbenzene	24.3	1.0	0.37	ug/l	25.0	ND	97	65-135			
sec-Butylbenzene	25.0	1.0	0.25	ug/l	25.0	ND	100	70-125			
tert-Butylbenzene	25.8	1.0	0.22	ug/l	25.0	ND	103	65-130			
Carbon Disulfide	19.9	1.0	0.48	ug/l	25.0	ND	80	40-140			
Carbon tetrachloride	25.6	0.50	0.28	ug/l	25.0	ND	102	65-140			
Chlorobenzene	25.3	1.0	0.36	ug/l	25.0	ND	101	75-125			
Chloroethane	21.4	2.0	0.40	ug/l	25.0	ND	85	55-140			
Chloroform	23.8	1.0	0.33	ug/l	25.0	ND	95	65-135			
Chloromethane	17.1	2.0	0.40	ug/l	25.0	ND	69	45-145			
2-Chlorotoluene	25.6	1.0	0.28	ug/l	25.0	ND	102	65-135			
4-Chlorotoluene	25.9	1.0	0.29	ug/l	25.0	ND	104	70-135			
1,2-Dibromo-3-chloropropane	23.4	2.0	0.97	ug/l	25.0	ND	94	45-145			
Dibromochloromethane	27.1	1.0	0.28	ug/l	25.0	ND	108	65-140			
1,2-Dibromoethane (EDB)	25.8	1.0	0.40	ug/l	25.0	ND	103	70-130			
1,4-Dichlorobenzene	23.9	1.0	0.37	ug/l	25.0	ND	96	75-125			
1,2-Dichlorobenzene	26.5	1.0	0.32	ug/l	25.0	ND	106	75-125			
1,3-Dichlorobenzene	26.0	1.0	0.35	ug/l	25.0	ND	104	75-125			
Dichlorodifluoromethane	16.2	1.0	0.26	ug/l	25.0	ND	65	25-155			
1,2-Dichloroethane	25.7	0.50	0.28	ug/l	25.0	ND	103	60-140			
1,1-Dichloroethane	21.7	1.0	0.27	ug/l	25.0	ND	87	65-130			
1,1-Dichloroethene	19.8	1.0	0.42	ug/l	25.0	ND	79	60-130			
cis-1,2-Dichloroethene	21.7	1.0	0.32	ug/l	25.0	ND	87	65-130			
trans-1,2-Dichloroethene	21.6	1.0	0.27	ug/l	25.0	ND	86	65-130			
1,2-Dichloropropane	23.4	1.0	0.35	ug/l	25.0	ND	93	65-130			
2,2-Dichloropropane	23.0	1.0	0.34	ug/l	25.0	ND	92	60-145			
cis-1,3-Dichloropropene	23.0	0.50	0.22	ug/l	25.0	ND	92	70-130			
1,1-Dichloropropene	23.7	1.0	0.28	ug/l	25.0	ND	95	70-135			

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L21018 Extracted: 12/21/07											
Matrix Spike Analyzed: 12/21/2007 (7L21018-MS1)					**Source: IQL1196-01**						
ans-1,3-Dichloropropene	23.8	0.50	0.32	ug/l	25.0	ND	95	65-135			
Ethylbenzene	25.6	1.0	0.25	ug/l	25.0	ND	103	65-130			
exachlorobutadiene	24.0	1.0	0.38	ug/l	25.0	ND	96	60-135			
-Hexanone	23.4	6.0	2.6	ug/l	25.0	ND	93	25-140			
Isopropylbenzene	30.2	1.0	0.25	ug/l	25.0	ND	121	70-135			
-Isopropyltoluene	24.3	1.0	0.28	ug/l	25.0	ND	97	65-130			
lethyl-tert-butyl Ether (MTBE)	25.1	1.0	0.32	ug/l	25.0	ND	100	55-145			
Methylene chloride	20.4	1.0	0.95	ug/l	25.0	ND	81	50-135			
4-Methyl-2-pentanone (MIBK)	24.7	5.0	3.5	ug/l	25.0	ND	99	40-140			
-Propylbenzene	26.8	1.0	0.27	ug/l	25.0	ND	107	70-135			
tyrene	24.6	1.0	0.16	ug/l	25.0	ND	99	50-145			
1,1,1,2-Tetrachloroethane	26.0	1.0	0.27	ug/l	25.0	ND	104	65-140			
1,2,2-Tetrachloroethane	24.1	1.0	0.24	ug/l	25.0	ND	96	55-135			
etrachloroethene	25.6	1.0	0.32	ug/l	25.0	ND	102	65-130			
Toluene	25.1	1.0	0.36	ug/l	25.0	ND	100	70-125			
1,2,3-Trichlorobenzene	24.0	1.0	0.30	ug/l	25.0	ND	96	60-135			
,2,4-Trichlorobenzene	26.0	1.0	0.48	ug/l	25.0	ND	104	65-135			
,1,2-Trichloroethane	24.9	1.0	0.30	ug/l	25.0	ND	99	65-130			
1,1,1-Trichloroethane	23.3	1.0	0.30	ug/l	25.0	ND	93	65-140			
richloroethene	25.2	1.0	0.26	ug/l	25.0	ND	101	65-125			
richlorofluoromethane	24.1	2.0	0.34	ug/l	25.0	ND	97	60-145			
1,2,3-Trichloropropane	23.8	1.0	0.40	ug/l	25.0	ND	95	55-135			
,2,4-Trimethylbenzene	24.9	1.0	0.23	ug/l	25.0	ND	100	55-135			
,3,5-Trimethylbenzene	25.2	1.0	0.26	ug/l	25.0	ND	101	70-130			
Vinyl acetate	20.2	6.0	1.0	ug/l	25.0	ND	81	40-150			
Vinyl chloride	17.7	0.50	0.30	ug/l	25.0	ND	71	45-140			
urrogate: 4-Bromofluorobenzene	*23.6*			*ug/l*	*25.0*		*94*	*80-120*			
urrogate: Dibromofluoromethane	*22.6*			*ug/l*	*25.0*		*91*	*80-120*			
Surrogate: Toluene-d8	*24.4*			*ug/l*	*25.0*		*97*	*80-120*			

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L21018 Extracted: 12/21/07											
Matrix Spike Dup Analyzed: 12/21/2007 (7L21018-MSD1)						**Source: IQL1196-01**					
Acetone	42.7	10	4.5	ug/l	25.0	24.4	73	20-150	5	35	
Benzene	22.8	1.0	0.28	ug/l	25.0	ND	91	65-125	3	20	
Bromobenzene	25.0	1.0	0.27	ug/l	25.0	ND	100	70-125	3	20	
Bromochloromethane	23.2	1.0	0.32	ug/l	25.0	ND	93	65-135	3	25	
Bromodichloromethane	25.0	1.0	0.30	ug/l	25.0	ND	100	70-135	2	20	
Bromoform	22.8	1.0	0.40	ug/l	25.0	ND	91	55-135	3	25	
Bromomethane	21.2	1.0	0.42	ug/l	25.0	ND	85	55-145	2	25	
2-Butanone (MEK)	23.2	5.0	4.7	ug/l	25.0	ND	93	30-145	1	40	
n-Butylbenzene	23.3	1.0	0.37	ug/l	25.0	ND	93	65-135	4	20	
sec-Butylbenzene	24.3	1.0	0.25	ug/l	25.0	ND	97	70-125	3	20	
tert-Butylbenzene	25.0	1.0	0.22	ug/l	25.0	ND	100	65-130	3	20	
Carbon Disulfide	19.1	1.0	0.48	ug/l	25.0	ND	76	40-140	4	20	
Carbon tetrachloride	24.4	0.50	0.28	ug/l	25.0	ND	98	65-140	5	25	
Chlorobenzene	24.6	1.0	0.36	ug/l	25.0	ND	99	75-125	3	20	
Chloroethane	20.6	2.0	0.40	ug/l	25.0	ND	82	55-140	3	25	
Chloroform	23.0	1.0	0.33	ug/l	25.0	ND	92	65-135	4	20	
Chloromethane	16.3	2.0	0.40	ug/l	25.0	ND	65	45-145	5	25	
2-Chlorotoluene	24.8	1.0	0.28	ug/l	25.0	ND	99	65-135	3	20	
4-Chlorotoluene	25.2	1.0	0.29	ug/l	25.0	ND	101	70-135	3	20	
1,2-Dibromo-3-chloropropane	22.6	2.0	0.97	ug/l	25.0	ND	90	45-145	3	30	
Dibromochloromethane	26.5	1.0	0.28	ug/l	25.0	ND	106	65-140	2	25	
1,2-Dibromoethane (EDB)	25.2	1.0	0.40	ug/l	25.0	ND	101	70-130	2	25	
1,4-Dichlorobenzene	23.4	1.0	0.37	ug/l	25.0	ND	94	75-125	2	20	
1,2-Dichlorobenzene	25.7	1.0	0.32	ug/l	25.0	ND	103	75-125	3	20	
1,3-Dichlorobenzene	25.4	1.0	0.35	ug/l	25.0	ND	101	75-125	2	20	
Dichlorodifluoromethane	15.4	1.0	0.26	ug/l	25.0	ND	62	25-155	5	30	
1,2-Dichloroethane	24.9	0.50	0.28	ug/l	25.0	ND	100	60-140	3	20	
1,1-Dichloroethane	21.3	1.0	0.27	ug/l	25.0	ND	85	65-130	2	20	
1,1-Dichloroethene	19.0	1.0	0.42	ug/l	25.0	ND	76	60-130	4	20	
cis-1,2-Dichloroethene	21.1	1.0	0.32	ug/l	25.0	ND	84	65-130	3	20	
trans-1,2-Dichloroethene	21.0	1.0	0.27	ug/l	25.0	ND	84	65-130	3	20	
1,2-Dichloropropane	22.9	1.0	0.35	ug/l	25.0	ND	92	65-130	2	20	
2,2-Dichloropropane	22.2	1.0	0.34	ug/l	25.0	ND	89	60-145	4	25	
cis-1,3-Dichloropropene	22.6	0.50	0.22	ug/l	25.0	ND	90	70-130	2	20	
1,1-Dichloropropene	22.9	1.0	0.28	ug/l	25.0	ND	92	70-135	4	20	

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Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L21018 Extracted: 12/21/07											
Matrix Spike Dup Analyzed: 12/21/2007 (7L21018-MSD1)					**Source: IQL1196-01**						
ans-1,3-Dichloropropene	23.5	0.50	0.32	ug/l	25.0	ND	94	65-135	1	25	
Ethylbenzene	24.7	1.0	0.25	ug/l	25.0	ND	99	65-130	4	20	
Hexachlorobutadiene	23.1	1.0	0.38	ug/l	25.0	ND	92	60-135	4	20	
-Hexanone	22.3	6.0	2.6	ug/l	25.0	ND	89	25-140	5	35	
Isopropylbenzene	29.1	1.0	0.25	ug/l	25.0	ND	116	70-135	4	20	
-Isopropyltoluene	23.4	1.0	0.28	ug/l	25.0	ND	94	65-130	4	20	
Methyl-tert-butyl Ether (MTBE)	24.7	1.0	0.32	ug/l	25.0	ND	99	55-145	2	25	
Methylene chloride	19.8	1.0	0.95	ug/l	25.0	ND	79	50-135	3	20	
4-Methyl-2-pentanone (MIBK)	23.9	5.0	3.5	ug/l	25.0	ND	95	40-140	3	35	
-Propylbenzene	25.5	1.0	0.27	ug/l	25.0	ND	102	70-135	5	20	
Styrene	23.6	1.0	0.16	ug/l	25.0	ND	94	50-145	4	30	
1,1,1,2-Tetrachloroethane	25.2	1.0	0.27	ug/l	25.0	ND	101	65-140	3	20	
,1,2,2-Tetrachloroethane	23.7	1.0	0.24	ug/l	25.0	ND	95	55-135	2	30	
Tetrachloroethene	24.7	1.0	0.32	ug/l	25.0	ND	99	65-130	4	20	
Toluene	24.4	1.0	0.36	ug/l	25.0	ND	98	70-125	3	20	
,2,3-Trichlorobenzene	23.5	1.0	0.30	ug/l	25.0	ND	94	60-135	2	20	
,2,4-Trichlorobenzene	25.4	1.0	0.48	ug/l	25.0	ND	102	65-135	3	20	
1,1,2-Trichloroethane	24.4	1.0	0.30	ug/l	25.0	ND	98	65-130	2	25	
1,1,1-Trichloroethane	22.4	1.0	0.30	ug/l	25.0	ND	90	65-140	4	20	
richloroethene	24.4	1.0	0.26	ug/l	25.0	ND	97	65-125	3	20	
richlorofluoromethane	22.6	2.0	0.34	ug/l	25.0	ND	91	60-145	6	25	
1,2,3-Trichloropropane	23.0	1.0	0.40	ug/l	25.0	ND	92	55-135	4	30	
,2,4-Trimethylbenzene	24.0	1.0	0.23	ug/l	25.0	ND	96	55-135	4	25	
,3,5-Trimethylbenzene	24.2	1.0	0.26	ug/l	25.0	ND	97	70-130	4	20	
Vinyl acetate	19.4	6.0	1.0	ug/l	25.0	ND	78	40-150	4	30	
Vinyl chloride	17.0	0.50	0.30	ug/l	25.0	ND	68	45-140	4	30	
urrogate: 4-Bromofluorobenzene	*23.1*			*ug/l*	*25.0*		*93*	*80-120*			
urrogate: Dibromofluoromethane	*22.3*			*ug/l*	*25.0*		*89*	*80-120*			
Surrogate: Toluene-d8	*24.5*			*ug/l*	*25.0*		*98*	*80-120*			

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L23002 Extracted: 12/23/07											
Blank Analyzed: 12/23/2007 (7L23002-BLK1)											
Acetone	ND	10	4.5	ug/l							
Benzene	ND	1.0	0.28	ug/l							
Bromobenzene	ND	1.0	0.27	ug/l							
Bromochloromethane	ND	1.0	0.32	ug/l							
Bromodichloromethane	ND	1.0	0.30	ug/l							
Bromoform	ND	1.0	0.40	ug/l							
Bromomethane	ND	1.0	0.42	ug/l							
2-Butanone (MEK)	ND	5.0	4.7	ug/l							
n-Butylbenzene	ND	1.0	0.37	ug/l							
sec-Butylbenzene	ND	1.0	0.25	ug/l							
tert-Butylbenzene	ND	1.0	0.22	ug/l							
Carbon Disulfide	ND	1.0	0.48	ug/l							
Carbon tetrachloride	ND	0.50	0.28	ug/l							
Chlorobenzene	ND	1.0	0.36	ug/l							
Chloroethane	ND	2.0	0.40	ug/l							
Chloroform	ND	1.0	0.33	ug/l							
Chloromethane	ND	2.0	0.40	ug/l							
2-Chlorotoluene	ND	1.0	0.28	ug/l							
4-Chlorotoluene	ND	1.0	0.29	ug/l							
1,2-Dibromo-3-chloropropane	ND	2.0	0.97	ug/l							
Dibromochloromethane	ND	1.0	0.28	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	0.40	ug/l							
1,4-Dichlorobenzene	ND	1.0	0.37	ug/l							
1,2-Dichlorobenzene	ND	1.0	0.32	ug/l							
1,3-Dichlorobenzene	ND	1.0	0.35	ug/l							
Dichlorodifluoromethane	ND	1.0	0.26	ug/l							
1,2-Dichloroethane	ND	0.50	0.28	ug/l							
1,1-Dichloroethane	ND	1.0	0.27	ug/l							
1,1-Dichloroethene	ND	1.0	0.42	ug/l							
cis-1,2-Dichloroethene	ND	1.0	0.32	ug/l							
trans-1,2-Dichloroethene	ND	1.0	0.27	ug/l							
1,2-Dichloropropane	ND	1.0	0.35	ug/l							
2,2-Dichloropropane	ND	1.0	0.34	ug/l							
cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l							
1,1-Dichloropropene	ND	1.0	0.28	ug/l							

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1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L23002 Extracted: 12/23/07											
lank Analyzed: 12/23/2007 (7L23002-BLK1)											
ans-1,3-Dichloropropene	ND	0.50	0.32	ug/l							
Ethylbenzene	ND	1.0	0.25	ug/l							
exachlorobutadiene	ND	1.0	0.38	ug/l							
-Hexanone	ND	6.0	2.6	ug/l							
Iodomethane	ND	2.0	1.0	ug/l							
opropylbenzene	ND	1.0	0.25	ug/l							
-Isopropyltoluene	ND	1.0	0.28	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	0.32	ug/l							
Methylene chloride	ND	1.0	0.95	ug/l							
-Methyl-2-pentanone (MIBK)	ND	5.0	3.5	ug/l							
-Propylbenzene	ND	1.0	0.27	ug/l							
Styrene	ND	1.0	0.16	ug/l							
1,1,2-Tetrachloroethane	ND	1.0	0.27	ug/l							
1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l							
Tetrachloroethene	ND	1.0	0.32	ug/l							
etrahydrofuran (THF)	ND	10	3.5	ug/l							
oluene	ND	1.0	0.36	ug/l							
,2,3-Trichlorobenzene	ND	1.0	0.30	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	0.48	ug/l							
1,2-Trichloroethane	ND	1.0	0.30	ug/l							
1,1-Trichloroethane	ND	1.0	0.30	ug/l							
Trichloroethene	ND	1.0	0.26	ug/l							
richlorofluoromethane	ND	2.0	0.34	ug/l							
2,3-Trichloropropane	ND	1.0	0.40	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	0.23	ug/l							
3,5-Trimethylbenzene	ND	1.0	0.26	ug/l							
inyl acetate	ND	6.0	1.0	ug/l							
inyl chloride	ND	0.50	0.30	ug/l							
Xylenes, Total	ND	1.0	0.90	ug/l							
rrogate: 4-Bromofluorobenzene	*24.6*			*ug/l*	*25.0*		*99*	*80-120*			
rrogate: Dibromofluoromethane	*23.8*			*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Toluene-d8	*25.3*			*ug/l*	*25.0*		*101*	*80-120*			

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THE LEADER IN ENVIRONMENTAL TESTING
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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L23002 Extracted: 12/23/07											
LCS Analyzed: 12/23/2007 (7L23002-BS1)											
Acetone	23.6	10	4.5	ug/l	25.0		94	30-140			
Benzene	25.1	1.0	0.28	ug/l	25.0		100	70-120			
Bromobenzene	26.0	1.0	0.27	ug/l	25.0		104	75-120			
Bromochloromethane	25.2	1.0	0.32	ug/l	25.0		101	70-130			
Bromodichloromethane	26.8	1.0	0.30	ug/l	25.0		107	70-135			
Bromoform	23.2	1.0	0.40	ug/l	25.0		93	55-130			
Bromomethane	29.3	1.0	0.42	ug/l	25.0		117	65-140			
2-Butanone (MEK)	28.0	5.0	4.7	ug/l	25.0		112	40-140			
n-Butylbenzene	23.6	1.0	0.37	ug/l	25.0		94	70-130			
sec-Butylbenzene	23.8	1.0	0.25	ug/l	25.0		95	70-125			
tert-Butylbenzene	24.9	1.0	0.22	ug/l	25.0		99	70-125			
Carbon Disulfide	25.3	1.0	0.48	ug/l	25.0		101	50-130			
Carbon tetrachloride	24.7	0.50	0.28	ug/l	25.0		99	65-140			
Chlorobenzene	25.1	1.0	0.36	ug/l	25.0		100	75-120			
Chloroethane	29.1	2.0	0.40	ug/l	25.0		116	60-140			
Chloroform	25.4	1.0	0.33	ug/l	25.0		102	70-130			
Chloromethane	27.2	2.0	0.40	ug/l	25.0		109	50-140			
2-Chlorotoluene	24.9	1.0	0.28	ug/l	25.0		100	70-125			
4-Chlorotoluene	25.2	1.0	0.29	ug/l	25.0		101	75-125			
1,2-Dibromo-3-chloropropane	24.0	2.0	0.97	ug/l	25.0		96	50-135			
Dibromochloromethane	28.0	1.0	0.28	ug/l	25.0		112	70-140			
1,2-Dibromoethane (EDB)	25.7	1.0	0.40	ug/l	25.0		103	75-125			
1,4-Dichlorobenzene	24.2	1.0	0.37	ug/l	25.0		97	75-120			
1,2-Dichlorobenzene	26.0	1.0	0.32	ug/l	25.0		104	75-120			
1,3-Dichlorobenzene	25.7	1.0	0.35	ug/l	25.0		103	75-120			
Dichlorodifluoromethane	29.4	1.0	0.26	ug/l	25.0		118	35-155			
1,2-Dichloroethane	25.1	0.50	0.28	ug/l	25.0		100	60-140			
1,1-Dichloroethane	24.5	1.0	0.27	ug/l	25.0		98	70-125			
1,1-Dichloroethene	21.8	1.0	0.42	ug/l	25.0		87	70-125			
cis-1,2-Dichloroethene	25.2	1.0	0.32	ug/l	25.0		101	70-125			
trans-1,2-Dichloroethene	25.7	1.0	0.27	ug/l	25.0		103	70-125			
1,2-Dichloropropane	25.8	1.0	0.35	ug/l	25.0		103	70-125			
2,2-Dichloropropane	25.7	1.0	0.34	ug/l	25.0		103	65-140			
cis-1,3-Dichloropropene	23.4	0.50	0.22	ug/l	25.0		94	75-125			
1,1-Dichloropropene	25.0	1.0	0.28	ug/l	25.0		100	75-130			

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L23002 Extracted: 12/23/07											
CS Analyzed: 12/23/2007 (7L23002-BS1)											
ans-1,3-Dichloropropene	23.4	0.50	0.32	ug/l	25.0		94	70-125			
Ethylbenzene	25.5	1.0	0.25	ug/l	25.0		102	75-125			
exachlorobutadiene	24.6	1.0	0.38	ug/l	25.0		98	65-135			
-Hexanone	24.6	6.0	2.6	ug/l	25.0		99	45-140			
Isopropylbenzene	27.1	1.0	0.25	ug/l	25.0		108	75-130			
-Isopropyltoluene	24.1	1.0	0.28	ug/l	25.0		96	75-125			
lethyl-tert-butyl Ether (MTBE)	26.2	1.0	0.32	ug/l	25.0		105	60-135			
Methylene chloride	23.5	1.0	0.95	ug/l	25.0		94	55-130			
4-Methyl-2-pentanone (MIBK)	25.5	5.0	3.5	ug/l	25.0		102	45-140			
-Propylbenzene	24.9	1.0	0.27	ug/l	25.0		100	75-130			
tyrene	25.7	1.0	0.16	ug/l	25.0		103	75-130			
1,1,1,2-Tetrachloroethane	25.8	1.0	0.27	ug/l	25.0		103	70-130			
1,2,2-Tetrachloroethane	27.0	1.0	0.24	ug/l	25.0		108	55-130			
etrachloroethene	25.2	1.0	0.32	ug/l	25.0		101	70-125			
Toluene	25.7	1.0	0.36	ug/l	25.0		103	70-120			
1,2,3-Trichlorobenzene	25.6	1.0	0.30	ug/l	25.0		102	65-125			
,2,4-Trichlorobenzene	26.3	1.0	0.48	ug/l	25.0		105	70-135			
,1,2-Trichloroethane	26.3	1.0	0.30	ug/l	25.0		105	70-125			
1,1,1-Trichloroethane	24.9	1.0	0.30	ug/l	25.0		100	65-135			
richloroethene	25.5	1.0	0.26	ug/l	25.0		102	70-125			
richlorofluoromethane	27.1	2.0	0.34	ug/l	25.0		108	65-145			
1,2,3-Trichloropropane	25.4	1.0	0.40	ug/l	25.0		102	60-130			
2,4-Trimethylbenzene	23.9	1.0	0.23	ug/l	25.0		96	75-125			
,3,5-Trimethylbenzene	24.1	1.0	0.26	ug/l	25.0		96	75-125			
Vinyl acetate	30.8	6.0	1.0	ug/l	25.0		123	45-145			
Vinyl chloride	25.1	0.50	0.30	ug/l	25.0		101	55-135			
urrogate: 4-Bromofluorobenzene	*24.8*			*ug/l*	*25.0*		*99*	*80-120*			
urrogate: Dibromofluoromethane	*24.8*			*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.6*			*ug/l*	*25.0*		*103*	*80-120*			

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L23002 Extracted: 12/23/07											
Matrix Spike Analyzed: 12/23/2007 (7L23002-MS1)					**Source: IQL2416-01**						
Acetone	23.9	10	4.5	ug/l	25.0	ND	96	20-150			
Benzene	24.9	1.0	0.28	ug/l	25.0	ND	100	65-125			
Bromobenzene	26.1	1.0	0.27	ug/l	25.0	ND	104	70-125			
Bromochloromethane	24.7	1.0	0.32	ug/l	25.0	ND	99	65-135			
Bromodichloromethane	26.4	1.0	0.30	ug/l	25.0	ND	106	70-135			
Bromoform	23.7	1.0	0.40	ug/l	25.0	ND	95	55-135			
Bromomethane	28.5	1.0	0.42	ug/l	25.0	ND	114	55-145			
2-Butanone (MEK)	25.1	5.0	4.7	ug/l	25.0	ND	101	30-145			
n-Butylbenzene	24.6	1.0	0.37	ug/l	25.0	ND	98	65-135			
sec-Butylbenzene	24.1	1.0	0.25	ug/l	25.0	ND	96	70-125			
tert-Butylbenzene	25.2	1.0	0.22	ug/l	25.0	ND	101	65-130			
Carbon Disulfide	25.0	1.0	0.48	ug/l	25.0	ND	100	40-140			
Carbon tetrachloride	24.9	0.50	0.28	ug/l	25.0	ND	100	65-140			
Chlorobenzene	25.9	1.0	0.36	ug/l	25.0	ND	104	75-125			
Chloroethane	28.5	2.0	0.40	ug/l	25.0	ND	114	55-140			
Chloroform	24.8	1.0	0.33	ug/l	25.0	ND	99	65-135			
Chloromethane	26.6	2.0	0.40	ug/l	25.0	ND	107	45-145			
2-Chlorotoluene	25.1	1.0	0.28	ug/l	25.0	ND	100	65-135			
4-Chlorotoluene	25.5	1.0	0.29	ug/l	25.0	ND	102	70-135			
1,2-Dibromo-3-chloropropane	24.5	2.0	0.97	ug/l	25.0	ND	98	45-145			
Dibromochloromethane	28.7	1.0	0.28	ug/l	25.0	ND	115	65-140			
1,2-Dibromoethane (EDB)	26.3	1.0	0.40	ug/l	25.0	ND	105	70-130			
1,4-Dichlorobenzene	24.7	1.0	0.37	ug/l	25.0	ND	99	75-125			
1,2-Dichlorobenzene	26.2	1.0	0.32	ug/l	25.0	ND	105	75-125			
1,3-Dichlorobenzene	26.2	1.0	0.35	ug/l	25.0	ND	105	75-125			
Dichlorodifluoromethane	29.8	1.0	0.26	ug/l	25.0	ND	119	25-155			
1,2-Dichloroethane	25.1	0.50	0.28	ug/l	25.0	ND	100	60-140			
1,1-Dichloroethane	23.8	1.0	0.27	ug/l	25.0	ND	95	65-130			
1,1-Dichloroethene	21.1	1.0	0.42	ug/l	25.0	ND	84	60-130			
cis-1,2-Dichloroethene	24.4	1.0	0.32	ug/l	25.0	ND	98	65-130			
trans-1,2-Dichloroethene	25.1	1.0	0.27	ug/l	25.0	ND	100	65-130			
1,2-Dichloropropane	25.7	1.0	0.35	ug/l	25.0	ND	103	65-130			
2,2-Dichloropropane	26.0	1.0	0.34	ug/l	25.0	ND	104	60-145			
cis-1,3-Dichloropropene	23.4	0.50	0.22	ug/l	25.0	ND	94	70-130			
1,1-Dichloropropene	25.1	1.0	0.28	ug/l	25.0	ND	100	70-135			

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Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L23002 Extracted: 12/23/07											
Matrix Spike Analyzed: 12/23/2007 (7L23002-MS1)					**Source: IQL2416-01**						
trans-1,3-Dichloropropene	23.5	0.50	0.32	ug/l	25.0	ND	94	65-135			
Ethylbenzene	26.4	1.0	0.25	ug/l	25.0	ND	106	65-130			
exachlorobutadiene	25.7	1.0	0.38	ug/l	25.0	ND	103	60-135			
Hexanone	25.0	6.0	2.6	ug/l	25.0	ND	100	25-140			
Isopropylbenzene	27.2	1.0	0.25	ug/l	25.0	ND	109	70-135			
Isopropyltoluene	24.7	1.0	0.28	ug/l	25.0	ND	99	65-130			
Methyl-tert-butyl Ether (MTBE)	25.5	1.0	0.32	ug/l	25.0	ND	102	55-145			
Methylene chloride	22.9	1.0	0.95	ug/l	25.0	ND	92	50-135			
4-Methyl-2-pentanone (MIBK)	25.3	5.0	3.5	ug/l	25.0	ND	101	40-140			
-Propylbenzene	25.3	1.0	0.27	ug/l	25.0	ND	101	70-135			
tyrene	26.8	1.0	0.16	ug/l	25.0	ND	107	50-145			
1,1,1,2-Tetrachloroethane	26.6	1.0	0.27	ug/l	25.0	ND	106	65-140			
1,2,2-Tetrachloroethane	26.4	1.0	0.24	ug/l	25.0	ND	106	55-135			
etrachloroethene	26.2	1.0	0.32	ug/l	25.0	ND	105	65-130			
Toluene	25.8	1.0	0.36	ug/l	25.0	ND	103	70-125			
2,3-Trichlorobenzene	26.4	1.0	0.30	ug/l	25.0	ND	106	60-135			
2,4-Trichlorobenzene	27.4	1.0	0.48	ug/l	25.0	ND	110	65-135			
1,1,2-Trichloroethane	25.9	1.0	0.30	ug/l	25.0	ND	104	65-130			
1,1,1-Trichloroethane	24.4	1.0	0.30	ug/l	25.0	ND	98	65-140			
richloroethene	25.9	1.0	0.26	ug/l	25.0	ND	103	65-125			
richlorofluoromethane	27.1	2.0	0.34	ug/l	25.0	ND	109	60-145			
1,2,3-Trichloropropane	25.2	1.0	0.40	ug/l	25.0	ND	101	55-135			
2,4-Trimethylbenzene	24.0	1.0	0.23	ug/l	25.0	ND	96	55-135			
3,5-Trimethylbenzene	24.3	1.0	0.26	ug/l	25.0	ND	97	70-130			
Vinyl acetate	ND	6.0	1.0	ug/l	25.0	ND		40-150			*M2*
Vinyl chloride	24.6	0.50	0.30	ug/l	25.0	ND	98	45-140			
urrogate: 4-Bromofluorobenzene	*25.3*			*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Dibromofluoromethane	*23.8*			*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Toluene-d8	*25.4*			*ug/l*	*25.0*		*102*	*80-120*			

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Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L23002 Extracted: 12/23/07											
Matrix Spike Dup Analyzed: 12/23/2007 (7L23002-MSD1)					**Source: IQL2416-01**						
Acetone	25.9	10	4.5	ug/l	25.0	ND	104	20-150	8	35	
Benzene	25.4	1.0	0.28	ug/l	25.0	ND	102	65-125	2	20	
Bromobenzene	26.4	1.0	0.27	ug/l	25.0	ND	106	70-125	1	20	
Bromochloromethane	25.4	1.0	0.32	ug/l	25.0	ND	101	65-135	3	25	
Bromodichloromethane	27.1	1.0	0.30	ug/l	25.0	ND	109	70-135	3	20	
Bromoform	24.2	1.0	0.40	ug/l	25.0	ND	97	55-135	2	25	
Bromomethane	28.7	1.0	0.42	ug/l	25.0	ND	115	55-145	1	25	
2-Butanone (MEK)	25.5	5.0	4.7	ug/l	25.0	ND	102	30-145	1	40	
n-Butylbenzene	24.4	1.0	0.37	ug/l	25.0	ND	98	65-135	1	20	
sec-Butylbenzene	24.4	1.0	0.25	ug/l	25.0	ND	97	70-125	1	20	
tert-Butylbenzene	25.2	1.0	0.22	ug/l	25.0	ND	101	65-130	0	20	
Carbon Disulfide	25.4	1.0	0.48	ug/l	25.0	ND	102	40-140	1	20	
Carbon tetrachloride	25.3	0.50	0.28	ug/l	25.0	ND	101	65-140	2	25	
Chlorobenzene	26.1	1.0	0.36	ug/l	25.0	ND	104	75-125	1	20	
Chloroethane	29.0	2.0	0.40	ug/l	25.0	ND	116	55-140	2	25	
Chloroform	25.1	1.0	0.33	ug/l	25.0	ND	100	65-135	1	20	
Chloromethane	26.5	2.0	0.40	ug/l	25.0	ND	106	45-145	0	25	
2-Chlorotoluene	25.4	1.0	0.28	ug/l	25.0	ND	101	65-135	1	20	
4-Chlorotoluene	25.8	1.0	0.29	ug/l	25.0	ND	103	70-135	1	20	
1,2-Dibromo-3-chloropropane	24.6	2.0	0.97	ug/l	25.0	ND	98	45-145	0	30	
Dibromochloromethane	29.1	1.0	0.28	ug/l	25.0	ND	116	65-140	2	25	
1,2-Dibromoethane (EDB)	26.7	1.0	0.40	ug/l	25.0	ND	107	70-130	1	25	
1,4-Dichlorobenzene	24.8	1.0	0.37	ug/l	25.0	ND	99	75-125	1	20	
1,2-Dichlorobenzene	26.5	1.0	0.32	ug/l	25.0	ND	106	75-125	1	20	
1,3-Dichlorobenzene	26.4	1.0	0.35	ug/l	25.0	ND	105	75-125	1	20	
Dichlorodifluoromethane	29.6	1.0	0.26	ug/l	25.0	ND	118	25-155	1	30	
1,2-Dichloroethane	25.5	0.50	0.28	ug/l	25.0	ND	102	60-140	2	20	
1,1-Dichloroethane	24.4	1.0	0.27	ug/l	25.0	ND	97	65-130	2	20	
1,1-Dichloroethene	21.7	1.0	0.42	ug/l	25.0	ND	87	60-130	3	20	
cis-1,2-Dichloroethene	25.0	1.0	0.32	ug/l	25.0	ND	100	65-130	2	20	
trans-1,2-Dichloroethene	25.6	1.0	0.27	ug/l	25.0	ND	103	65-130	2	20	
1,2-Dichloropropane	26.2	1.0	0.35	ug/l	25.0	ND	105	65-130	2	20	
2,2-Dichloropropane	25.9	1.0	0.34	ug/l	25.0	ND	104	60-145	0	25	
cis-1,3-Dichloropropene	23.9	0.50	0.22	ug/l	25.0	ND	95	70-130	2	20	
1,1-Dichloropropene	25.6	1.0	0.28	ug/l	25.0	ND	102	70-135	2	20	

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Avocet Environmental Inc.
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rvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

nalyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L23002 Extracted: 12/23/07											
atrix Spike Dup Analyzed: 12/23/2007 (7L23002-MSD1)					**Source: IQL2416-01**						
ans-1,3-Dichloropropene	23.9	0.50	0.32	ug/l	25.0	ND	96	65-135	2	25	
Ethylbenzene	26.7	1.0	0.25	ug/l	25.0	ND	107	65-130	1	20	
xachlorobutadiene	25.6	1.0	0.38	ug/l	25.0	ND	102	60-135	0	20	
Hexanone	25.3	6.0	2.6	ug/l	25.0	ND	101	25-140	1	35	
Isopropylbenzene	27.5	1.0	0.25	ug/l	25.0	ND	110	70-135	1	20	
Isopropyltoluene	24.6	1.0	0.28	ug/l	25.0	ND	99	65-130	0	20	
ethyl-tert-butyl Ether (MTBE)	26.3	1.0	0.32	ug/l	25.0	ND	105	55-145	3	25	
Methylene chloride	23.5	1.0	0.95	ug/l	25.0	ND	94	50-135	2	20	
4-Methyl-2-pentanone (MIBK)	25.7	5.0	3.5	ug/l	25.0	ND	103	40-140	2	35	
Propylbenzene	25.6	1.0	0.27	ug/l	25.0	ND	102	70-135	1	20	
yrene	27.2	1.0	0.16	ug/l	25.0	ND	109	50-145	1	30	
1,1,1,2-Tetrachloroethane	27.1	1.0	0.27	ug/l	25.0	ND	109	65-140	2	20	
1,2,2-Tetrachloroethane	26.8	1.0	0.24	ug/l	25.0	ND	107	55-135	2	30	
trachloroethene	26.5	1.0	0.32	ug/l	25.0	ND	106	65-130	1	20	
Toluene	26.1	1.0	0.36	ug/l	25.0	ND	104	70-125	1	20	
2,3-Trichlorobenzene	26.7	1.0	0.30	ug/l	25.0	ND	107	60-135	1	20	
2,4-Trichlorobenzene	27.7	1.0	0.48	ug/l	25.0	ND	111	65-135	1	20	
1,2-Trichloroethane	26.7	1.0	0.30	ug/l	25.0	ND	107	65-130	3	25	
1,1,1-Trichloroethane	25.0	1.0	0.30	ug/l	25.0	ND	100	65-140	2	20	
ichloroethene	26.3	1.0	0.26	ug/l	25.0	ND	105	65-125	1	20	
ichlorofluoromethane	27.8	2.0	0.34	ug/l	25.0	ND	111	60-145	2	25	
1,2,3-Trichloropropane	25.8	1.0	0.40	ug/l	25.0	ND	103	55-135	3	30	
2,4-Trimethylbenzene	24.4	1.0	0.23	ug/l	25.0	ND	98	55-135	1	25	
3,5-Trimethylbenzene	24.6	1.0	0.26	ug/l	25.0	ND	98	70-130	1	20	
Vinyl acetate	ND	6.0	1.0	ug/l	25.0	ND		40-150		30	*M2*
Vinyl chloride	24.9	0.50	0.30	ug/l	25.0	ND	100	45-140	1	30	
rrogate: 4-Bromofluorobenzene	*25.4*			*ug/l*	*25.0*		*102*	*80-120*			
rrogate: Dibromofluoromethane	*24.0*			*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*25.6*			*ug/l*	*25.0*		*102*	*80-120*			

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Avocet Environmental Inc.
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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L24005 Extracted: 12/24/07											
Blank Analyzed: 12/24/2007 (7L24005-BLK1)											
Benzene	ND	1.0	0.28	ug/l							
Bromobenzene	ND	1.0	0.27	ug/l							
Bromochloromethane	ND	1.0	0.32	ug/l							
Bromodichloromethane	ND	1.0	0.30	ug/l							
Bromoform	ND	1.0	0.40	ug/l							
Bromomethane	ND	1.0	0.42	ug/l							
n-Butylbenzene	ND	1.0	0.37	ug/l							
sec-Butylbenzene	ND	1.0	0.25	ug/l							
tert-Butylbenzene	ND	1.0	0.22	ug/l							
Carbon Disulfide	ND	1.0	0.48	ug/l							
Carbon tetrachloride	ND	0.50	0.28	ug/l							
Chlorobenzene	ND	1.0	0.36	ug/l							
Chloroethane	ND	2.0	0.40	ug/l							
Chloroform	ND	1.0	0.33	ug/l							
Chloromethane	ND	2.0	0.40	ug/l							
2-Chlorotoluene	ND	1.0	0.28	ug/l							
4-Chlorotoluene	ND	1.0	0.29	ug/l							
1,2-Dibromo-3-chloropropane	ND	2.0	0.97	ug/l							
Dibromochloromethane	ND	1.0	0.28	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	0.40	ug/l							
1,4-Dichlorobenzene	ND	1.0	0.37	ug/l							
1,2-Dichlorobenzene	ND	1.0	0.32	ug/l							
1,3-Dichlorobenzene	ND	1.0	0.35	ug/l							
Dichlorodifluoromethane	ND	1.0	0.26	ug/l							
1,2-Dichloroethane	ND	0.50	0.28	ug/l							
1,1-Dichloroethane	ND	1.0	0.27	ug/l							
1,1-Dichloroethene	ND	1.0	0.42	ug/l							
trans-1,2-Dichloroethene	ND	1.0	0.27	ug/l							
1,2-Dichloropropane	ND	1.0	0.35	ug/l							
2,2-Dichloropropane	ND	1.0	0.34	ug/l							
cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l							
1,1-Dichloropropene	ND	1.0	0.28	ug/l							
trans-1,3-Dichloropropene	ND	0.50	0.32	ug/l							
Ethylbenzene	ND	1.0	0.25	ug/l							
Hexachlorobutadiene	ND	1.0	0.38	ug/l							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L24005 Extracted: 12/24/07											
lank Analyzed: 12/24/2007 (7L24005-BLK1)											
-Hexanone	ND	6.0	2.6	ug/l							
Iodomethane	ND	2.0	1.0	ug/l							
opropylbenzene	ND	1.0	0.25	ug/l							
-Isopropyltoluene	ND	1.0	0.28	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	0.32	ug/l							
Methylene chloride	ND	1.0	0.95	ug/l							
-Propylbenzene	ND	1.0	0.27	ug/l							
styrene	ND	1.0	0.16	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	ug/l							
,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l							
etrachloroethene	ND	1.0	0.32	ug/l							
Tetrahydrofuran (THF)	4.63	10	3.5	ug/l							*J*
2,3-Trichlorobenzene	ND	1.0	0.30	ug/l							
,2,4-Trichlorobenzene	ND	1.0	0.48	ug/l							
1,1,2-Trichloroethane	ND	1.0	0.30	ug/l							
1,1,1-Trichloroethane	ND	1.0	0.30	ug/l							
richloroethene	ND	1.0	0.26	ug/l							
richlorofluoromethane	ND	2.0	0.34	ug/l							
1,2,3-Trichloropropane	ND	1.0	0.40	ug/l							
2,4-Trimethylbenzene	ND	1.0	0.23	ug/l							
3,5-Trimethylbenzene	ND	1.0	0.26	ug/l							
Vinyl acetate	ND	6.0	1.0	ug/l							
ylenes, Total	ND	1.0	0.90	ug/l							
urrogate: 4-Bromofluorobenzene	*24.5*			*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*23.3*			*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*25.1*			*ug/l*	*25.0*		*101*	*80-120*			
CS Analyzed: 12/24/2007 (7L24005-BS1)											
Benzene	23.3	1.0	0.28	ug/l	25.0		93	70-120			
Bromobenzene	24.8	1.0	0.27	ug/l	25.0		99	75-120			
omochloromethane	24.0	1.0	0.32	ug/l	25.0		96	70-130			
Bromodichloromethane	25.5	1.0	0.30	ug/l	25.0		102	70-135			
Bromoform	24.5	1.0	0.40	ug/l	25.0		98	55-130			
omomethane	27.7	1.0	0.42	ug/l	25.0		111	65-140			
Butylbenzene	23.3	1.0	0.37	ug/l	25.0		93	70-130			
sec-Butylbenzene	23.0	1.0	0.25	ug/l	25.0		92	70-125			

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Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L24005 Extracted: 12/24/07											
LCS Analyzed: 12/24/2007 (7L24005-BS1)											
tert-Butylbenzene	23.7	1.0	0.22	ug/l	25.0		95	70-125			
Carbon Disulfide	23.6	1.0	0.48	ug/l	25.0		94	50-130			
Carbon tetrachloride	23.2	0.50	0.28	ug/l	25.0		93	65-140			
Chlorobenzene	24.1	1.0	0.36	ug/l	25.0		97	75-120			
Chloroethane	27.6	2.0	0.40	ug/l	25.0		110	60-140			
Chloroform	22.6	1.0	0.33	ug/l	25.0		91	70-130			
Chloromethane	27.1	2.0	0.40	ug/l	25.0		109	50-140			
2-Chlorotoluene	23.3	1.0	0.28	ug/l	25.0		93	70-125			
4-Chlorotoluene	23.8	1.0	0.29	ug/l	25.0		95	75-125			
1,2-Dibromo-3-chloropropane	27.4	2.0	0.97	ug/l	25.0		110	50-135			
Dibromochloromethane	28.0	1.0	0.28	ug/l	25.0		112	70-140			
1,2-Dibromoethane (EDB)	27.0	1.0	0.40	ug/l	25.0		108	75-125			
1,4-Dichlorobenzene	23.2	1.0	0.37	ug/l	25.0		93	75-120			
1,2-Dichlorobenzene	25.0	1.0	0.32	ug/l	25.0		100	75-120			
1,3-Dichlorobenzene	24.6	1.0	0.35	ug/l	25.0		99	75-120			
Dichlorodifluoromethane	34.0	1.0	0.26	ug/l	25.0		136	35-155			
1,2-Dichloroethane	25.0	0.50	0.28	ug/l	25.0		100	60-140			
1,1-Dichloroethane	22.1	1.0	0.27	ug/l	25.0		88	70-125			
1,1-Dichloroethene	20.6	1.0	0.42	ug/l	25.0		83	70-125			
trans-1,2-Dichloroethene	23.4	1.0	0.27	ug/l	25.0		94	70-125			
1,2-Dichloropropane	24.4	1.0	0.35	ug/l	25.0		97	70-125			
2,2-Dichloropropane	24.0	1.0	0.34	ug/l	25.0		96	65-140			
cis-1,3-Dichloropropene	22.5	0.50	0.22	ug/l	25.0		90	75-125			
1,1-Dichloropropene	23.6	1.0	0.28	ug/l	25.0		94	75-130			
trans-1,3-Dichloropropene	23.3	0.50	0.32	ug/l	25.0		93	70-125			
Ethylbenzene	24.8	1.0	0.25	ug/l	25.0		99	75-125			
Hexachlorobutadiene	24.8	1.0	0.38	ug/l	25.0		99	65-135			
2-Hexanone	28.3	6.0	2.6	ug/l	25.0		113	45-140			
Isopropylbenzene	25.6	1.0	0.25	ug/l	25.0		102	75-130			
p-Isopropyltoluene	23.2	1.0	0.28	ug/l	25.0		93	75-125			
Methyl-tert-butyl Ether (MTBE)	25.3	1.0	0.32	ug/l	25.0		101	60-135			
Methylene chloride	22.1	1.0	0.95	ug/l	25.0		89	55-130			
n-Propylbenzene	23.8	1.0	0.27	ug/l	25.0		95	75-130			
Styrene	25.1	1.0	0.16	ug/l	25.0		100	75-130			
1,1,1,2-Tetrachloroethane	24.8	1.0	0.27	ug/l	25.0		99	70-130			

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L24005 Extracted: 12/24/07											
.CS Analyzed: 12/24/2007 (7L24005-BS1)											
.,1,2,2-Tetrachloroethane	29.0	1.0	0.24	ug/l	25.0		116	55-130			
Tetrachloroethene	24.3	1.0	0.32	ug/l	25.0		97	70-125			
,2,3-Trichlorobenzene	25.5	1.0	0.30	ug/l	25.0		102	65-125			
,2,4-Trichlorobenzene	26.3	1.0	0.48	ug/l	25.0		105	70-135			
1,1,2-Trichloroethane	26.4	1.0	0.30	ug/l	25.0		106	70-125			
',1,1-Trichloroethane	22.4	1.0	0.30	ug/l	25.0		90	65-135			
'richloroethene	23.9	1.0	0.26	ug/l	25.0		95	70-125			
'richlorofluoromethane	25.4	2.0	0.34	ug/l	25.0		102	65-145			
1,2,3-Trichloropropane	27.5	1.0	0.40	ug/l	25.0		110	60-130			
,2,4-Trimethylbenzene	22.5	1.0	0.23	ug/l	25.0		90	75-125			
,3,5-Trimethylbenzene	22.9	1.0	0.26	ug/l	25.0		92	75-125			
Vinyl acetate	31.3	6.0	1.0	ug/l	25.0		125	45-145			
'urrogate: 4-Bromofluorobenzene	*25.4*			*ug/l*	*25.0*		*102*	*80-120*			
'urrogate: Dibromofluoromethane	*23.4*			*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*25.8*			*ug/l*	*25.0*		*103*	*80-120*			
/latrix Spike Analyzed: 12/24/2007 (7L24005-MS1)						**Source: IQL1521-04**					
'enzene	2450	50	14	ug/l	1250	1310	91	65-125			
Bromobenzene	1300	50	14	ug/l	1250	ND	104	70-125			
'romochloromethane	1210	50	16	ug/l	1250	ND	97	65-135			
'romodichloromethane	1300	50	15	ug/l	1250	ND	104	70-135			
Bromoform	1200	50	20	ug/l	1250	ND	96	55-135			
Bromomethane	1280	50	21	ug/l	1250	ND	103	55-145			
ι-Butylbenzene	1230	50	18	ug/l	1250	ND	98	65-135			
ec-Butylbenzene	1220	50	12	ug/l	1250	ND	98	70-125			
tert-Butylbenzene	1260	50	11	ug/l	1250	ND	101	65-130			
'arbon Disulfide	1280	50	24	ug/l	1250	ND	102	40-140			
'arbon tetrachloride	1210	25	14	ug/l	1250	ND	97	65-140			
Chlorobenzene	1280	50	18	ug/l	1250	ND	103	75-125			
'hloroethane	1380	100	20	ug/l	1250	ND	110	55-140			
'hloroform	1210	50	16	ug/l	1250	ND	97	65-135			
'hloromethane	1170	100	20	ug/l	1250	ND	94	45-145			
2-Chlorotoluene	1270	50	14	ug/l	1250	ND	102	65-135			
-Chlorotoluene	1290	50	14	ug/l	1250	ND	103	70-135			
,2-Dibromo-3-chloropropane	1250	100	48	ug/l	1250	ND	100	45-145			
Dibromochloromethane	1430	50	14	ug/l	1250	ND	115	65-140			

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Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L24005 Extracted: 12/24/07											
Matrix Spike Analyzed: 12/24/2007 (7L24005-MS1)					**Source: IQL1521-04**						
1,2-Dibromoethane (EDB)	1340	50	20	ug/l	1250	ND	107	70-130			
1,4-Dichlorobenzene	1220	50	18	ug/l	1250	ND	97	75-125			
1,2-Dichlorobenzene	1280	50	16	ug/l	1250	ND	102	75-125			
1,3-Dichlorobenzene	1300	50	18	ug/l	1250	ND	104	75-125			
Dichlorodifluoromethane	1360	50	13	ug/l	1250	ND	109	25-155			
1,2-Dichloroethane	1240	25	14	ug/l	1250	ND	99	60-140			
1,1-Dichloroethane	1170	50	14	ug/l	1250	ND	93	65-130			
1,1-Dichloroethene	998	50	21	ug/l	1250	ND	80	60-130			
trans-1,2-Dichloroethene	1230	50	14	ug/l	1250	ND	99	65-130			
1,2-Dichloropropane	1260	50	18	ug/l	1250	ND	101	65-130			
2,2-Dichloropropane	1300	50	17	ug/l	1250	ND	104	60-145			
cis-1,3-Dichloropropene	1140	25	11	ug/l	1250	ND	91	70-130			
1,1-Dichloropropene	1250	50	14	ug/l	1250	ND	100	70-135			
trans-1,3-Dichloropropene	1160	25	16	ug/l	1250	ND	93	65-135			
Ethylbenzene	1860	50	12	ug/l	1250	588	102	65-130			
Hexachlorobutadiene	1230	50	19	ug/l	1250	ND	98	60-135			
2-Hexanone	1250	300	130	ug/l	1250	ND	100	25-140			
Isopropylbenzene	1410	50	12	ug/l	1250	34.0	110	70-135			
p-Isopropyltoluene	1240	50	14	ug/l	1250	ND	99	65-130			
Methyl-tert-butyl Ether (MTBE)	1270	50	16	ug/l	1250	24.5	100	55-145			
Methylene chloride	1110	50	48	ug/l	1250	ND	89	50-135			
n-Propylbenzene	1350	50	14	ug/l	1250	76.5	102	70-135			
Styrene	1320	50	8.0	ug/l	1250	ND	106	50-145			
1,1,1,2-Tetrachloroethane	1320	50	14	ug/l	1250	ND	106	65-140			
1,1,2,2-Tetrachloroethane	1380	50	12	ug/l	1250	ND	110	55-135			
Tetrachloroethene	1320	50	16	ug/l	1250	ND	105	65-130			
1,2,3-Trichlorobenzene	1260	50	15	ug/l	1250	ND	101	60-135			
1,2,4-Trichlorobenzene	1320	50	24	ug/l	1250	ND	105	65-135			
1,1,2-Trichloroethane	1290	50	15	ug/l	1250	ND	104	65-130			
1,1,1-Trichloroethane	1220	50	15	ug/l	1250	ND	97	65-140			
Trichloroethene	1280	50	13	ug/l	1250	ND	102	65-125			
Trichlorofluoromethane	1280	100	17	ug/l	1250	ND	103	60-145			
1,2,3-Trichloropropane	1250	50	20	ug/l	1250	ND	100	55-135			
1,2,4-Trimethylbenzene	1680	50	12	ug/l	1250	536	92	55-135			
1,3,5-Trimethylbenzene	1330	50	13	ug/l	1250	113	97	70-130			

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

nalyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L24005 Extracted: 12/24/07											
atrix Spike Analyzed: 12/24/2007 (7L24005-MS1)					**Source: IQL1521-04**						
nyl acetate	1510	300	50	ug/l	1250	ND	121	40-150			
Surrogate: 4-Bromofluorobenzene	*1260*			*ug/l*	*1250*		*101*	*80-120*			
rrogate: Dibromofluoromethane	*1160*			*ug/l*	*1250*		*93*	*80-120*			
rrogate: Toluene-d8	*1270*			*ug/l*	*1250*		*101*	*80-120*			
Matrix Spike Dup Analyzed: 12/24/2007 (7L24005-MSD1)					**Source: IQL1521-04**						
enzene	2360	50	14	ug/l	1250	1310	85	65-125	3	20	
omobenzene	1250	50	14	ug/l	1250	ND	100	70-125	4	20	
Bromochloromethane	1140	50	16	ug/l	1250	ND	91	65-135	6	25	
omodichloromethane	1240	50	15	ug/l	1250	ND	99	70-135	5	20	
romoform	1100	50	20	ug/l	1250	ND	88	55-135	9	25	
Bromomethane	1190	50	21	ug/l	1250	ND	95	55-145	8	25	
n-Butylbenzene	1180	50	18	ug/l	1250	ND	94	65-135	4	20	
c-Butylbenzene	1170	50	12	ug/l	1250	ND	94	70-125	4	20	
rt-Butylbenzene	1210	50	11	ug/l	1250	ND	97	65-130	4	20	
Carbon Disulfide	1220	50	24	ug/l	1250	ND	98	40-140	5	20	
rbon tetrachloride	1120	25	14	ug/l	1250	ND	89	65-140	8	25	
hlorobenzene	1230	50	18	ug/l	1250	ND	98	75-125	4	20	
Chloroethane	1310	100	20	ug/l	1250	ND	105	55-140	5	25	
hloroform	1160	50	16	ug/l	1250	ND	93	65-135	4	20	
loromethane	1120	100	20	ug/l	1250	ND	90	45-145	5	25	
2-Chlorotoluene	1230	50	14	ug/l	1250	ND	98	65-135	4	20	
4-Chlorotoluene	1240	50	14	ug/l	1250	ND	99	70-135	4	20	
2-Dibromo-3-chloropropane	1080	100	48	ug/l	1250	ND	87	45-145	14	30	
bromochloromethane	1330	50	14	ug/l	1250	ND	106	65-140	8	25	
1,2-Dibromoethane (EDB)	1210	50	20	ug/l	1250	ND	97	70-130	10	25	
4-Dichlorobenzene	1170	50	18	ug/l	1250	ND	93	75-125	4	20	
2-Dichlorobenzene	1230	50	16	ug/l	1250	ND	98	75-125	4	20	
1,3-Dichlorobenzene	1250	50	18	ug/l	1250	ND	100	75-125	4	20	
chlorodifluoromethane	1280	50	13	ug/l	1250	ND	103	25-155	6	30	
2-Dichloroethane	1150	25	14	ug/l	1250	ND	92	60-140	7	20	
1,1-Dichloroethane	1110	50	14	ug/l	1250	ND	89	65-130	5	20	
1,1-Dichloroethene	970	50	21	ug/l	1250	ND	78	60-130	3	20	
ns-1,2-Dichloroethene	1180	50	14	ug/l	1250	ND	94	65-130	4	20	
2-Dichloropropane	1200	50	18	ug/l	1250	ND	96	65-130	5	20	
2,2-Dichloropropane	1230	50	17	ug/l	1250	ND	98	60-145	6	25	

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Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L24005 Extracted: 12/24/07											
Matrix Spike Dup Analyzed: 12/24/2007 (7L24005-MSD1)					**Source: IQL1521-04**						
cis-1,3-Dichloropropene	1080	25	11	ug/l	1250	ND	86	70-130	6	20	
1,1-Dichloropropene	1190	50	14	ug/l	1250	ND	95	70-135	5	20	
trans-1,3-Dichloropropene	1080	25	16	ug/l	1250	ND	86	65-135	7	25	
Ethylbenzene	1790	50	12	ug/l	1250	588	96	65-130	4	20	
Hexachlorobutadiene	1190	50	19	ug/l	1250	ND	95	60-135	3	20	
2-Hexanone	1000	300	130	ug/l	1250	ND	80	25-140	22	35	
Isopropylbenzene	1370	50	12	ug/l	1250	34.0	107	70-135	3	20	
p-Isopropyltoluene	1190	50	14	ug/l	1250	ND	95	65-130	4	20	
Methyl-tert-butyl Ether (MTBE)	1170	50	16	ug/l	1250	24.5	91	55-145	9	25	
Methylene chloride	1070	50	48	ug/l	1250	ND	86	50-135	4	20	
n-Propylbenzene	1300	50	14	ug/l	1250	76.5	98	70-135	4	20	
Styrene	1260	50	8.0	ug/l	1250	ND	101	50-145	5	30	
1,1,1,2-Tetrachloroethane	1270	50	14	ug/l	1250	ND	101	65-140	4	20	
1,1,2,2-Tetrachloroethane	1240	50	12	ug/l	1250	ND	99	55-135	10	30	
Tetrachloroethene	1240	50	16	ug/l	1250	ND	100	65-130	6	20	
1,2,3-Trichlorobenzene	1180	50	15	ug/l	1250	ND	94	60-135	7	20	
1,2,4-Trichlorobenzene	1240	50	24	ug/l	1250	ND	99	65-135	6	20	
1,1,2-Trichloroethane	1200	50	15	ug/l	1250	ND	96	65-130	8	25	
1,1,1-Trichloroethane	1140	50	15	ug/l	1250	ND	91	65-140	6	20	
Trichloroethene	1220	50	13	ug/l	1250	ND	97	65-125	5	20	
Trichlorofluoromethane	1220	100	17	ug/l	1250	ND	97	60-145	5	25	
1,2,3-Trichloropropane	1120	50	20	ug/l	1250	ND	90	55-135	11	30	
1,2,4-Trimethylbenzene	1640	50	12	ug/l	1250	536	88	55-135	3	25	
1,3,5-Trimethylbenzene	1280	50	13	ug/l	1250	113	93	70-130	4	20	
Vinyl acetate	1360	300	50	ug/l	1250	ND	108	40-150	11	30	
Surrogate: 4-Bromofluorobenzene	*1250*			*ug/l*	*1250*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*1180*			*ug/l*	*1250*		*94*	*80-120*			
Surrogate: Toluene-d8	*1270*			*ug/l*	*1250*		*102*	*80-120*			

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Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L26005 Extracted: 12/26/07											
lank Analyzed: 12/26/2007 (7L26005-BLK1)											
cetone	ND	10	4.5	ug/l							
Benzene	ND	1.0	0.28	ug/l							
romobenzene	ND	1.0	0.27	ug/l							
romochloromethane	ND	1.0	0.32	ug/l							
Bromodichloromethane	ND	1.0	0.30	ug/l							
romoform	ND	1.0	0.40	ug/l							
romomethane	ND	1.0	0.42	ug/l							
2-Butanone (MEK)	ND	5.0	4.7	ug/l							
n-Butylbenzene	ND	1.0	0.37	ug/l							
c-Butylbenzene	ND	1.0	0.25	ug/l							
rt-Butylbenzene	ND	1.0	0.22	ug/l							
Carbon Disulfide	ND	1.0	0.48	ug/l							
arbon tetrachloride	ND	0.50	0.28	ug/l							
hlorobenzene	ND	1.0	0.36	ug/l							
Chloroethane	ND	2.0	0.40	ug/l							
hloroform	ND	1.0	0.33	ug/l							
hloromethane	ND	2.0	0.40	ug/l							
2-Chlorotoluene	ND	1.0	0.28	ug/l							
4-Chlorotoluene	ND	1.0	0.29	ug/l							
,2-Dibromo-3-chloropropane	ND	2.0	0.97	ug/l							
ibromochloromethane	ND	1.0	0.28	ug/l							
1,2-Dibromoethane (EDB)	ND	1.0	0.40	ug/l							
,4-Dichlorobenzene	ND	1.0	0.37	ug/l							
2-Dichlorobenzene	ND	1.0	0.32	ug/l							
1,3-Dichlorobenzene	ND	1.0	0.35	ug/l							
ichlorodifluoromethane	ND	1.0	0.26	ug/l							
2-Dichloroethane	ND	0.50	0.28	ug/l							
,1-Dichloroethane	ND	1.0	0.27	ug/l							
1,1-Dichloroethene	ND	1.0	0.42	ug/l							
s-1,2-Dichloroethene	ND	1.0	0.32	ug/l							
ans-1,2-Dichloroethene	ND	1.0	0.27	ug/l							
1,2-Dichloropropane	ND	1.0	0.35	ug/l							
2-Dichloropropane	ND	1.0	0.34	ug/l							
s-1,3-Dichloropropene	ND	0.50	0.22	ug/l							
1,1-Dichloropropene	ND	1.0	0.28	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L26005 Extracted: 12/26/07											
Blank Analyzed: 12/26/2007 (7L26005-BLK1)											
trans-1,3-Dichloropropene	ND	0.50	0.32	ug/l							
Ethylbenzene	ND	1.0	0.25	ug/l							
Hexachlorobutadiene	ND	1.0	0.38	ug/l							
2-Hexanone	ND	6.0	2.6	ug/l							
Iodomethane	ND	2.0	1.0	ug/l							
Isopropylbenzene	ND	1.0	0.25	ug/l							
p-Isopropyltoluene	ND	1.0	0.28	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	0.32	ug/l							
Methylene chloride	ND	1.0	0.95	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	5.0	3.5	ug/l							
n-Propylbenzene	ND	1.0	0.27	ug/l							
Styrene	ND	1.0	0.16	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.0	0.27	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.0	0.24	ug/l							
Tetrachloroethene	ND	1.0	0.32	ug/l							
Tetrahydrofuran (THF)	ND	10	3.5	ug/l							
Toluene	ND	1.0	0.36	ug/l							
1,2,3-Trichlorobenzene	ND	1.0	0.30	ug/l							
1,2,4-Trichlorobenzene	ND	1.0	0.48	ug/l							
1,1,2-Trichloroethane	ND	1.0	0.30	ug/l							
1,1,1-Trichloroethane	ND	1.0	0.30	ug/l							
Trichloroethene	ND	1.0	0.26	ug/l							
Trichlorofluoromethane	ND	2.0	0.34	ug/l							
1,2,3-Trichloropropane	ND	1.0	0.40	ug/l							
1,2,4-Trimethylbenzene	ND	1.0	0.23	ug/l							
1,3,5-Trimethylbenzene	ND	1.0	0.26	ug/l							
Vinyl acetate	ND	6.0	1.0	ug/l							
Vinyl chloride	ND	0.50	0.30	ug/l							
Xylenes, Total	ND	1.0	0.90	ug/l							
Surrogate: 4-Bromofluorobenzene	*24.6*			*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*23.4*			*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*25.2*			*ug/l*	*25.0*		*101*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L26005 Extracted: 12/26/07											
CS Analyzed: 12/26/2007 (7L26005-BS1)											
cetone	23.9	10	4.5	ug/l	25.0		96	30-140			
Benzene	24.3	1.0	0.28	ug/l	25.0		97	70-120			
romobenzene	25.4	1.0	0.27	ug/l	25.0		102	75-120			
romochloromethane	24.6	1.0	0.32	ug/l	25.0		98	70-130			
Bromodichloromethane	25.8	1.0	0.30	ug/l	25.0		103	70-135			
romoform	23.9	1.0	0.40	ug/l	25.0		96	55-130			
romomethane	28.8	1.0	0.42	ug/l	25.0		115	65-140			
2-Butanone (MEK)	26.6	5.0	4.7	ug/l	25.0		106	40-140			
n-Butylbenzene	23.0	1.0	0.37	ug/l	25.0		92	70-130			
c-Butylbenzene	23.2	1.0	0.25	ug/l	25.0		93	70-125			
rt-Butylbenzene	24.0	1.0	0.22	ug/l	25.0		96	70-125			
Carbon Disulfide	24.7	1.0	0.48	ug/l	25.0		99	50-130			
arbon tetrachloride	24.1	0.50	0.28	ug/l	25.0		97	65-140			
hlorobenzene	24.9	1.0	0.36	ug/l	25.0		99	75-120			
Chloroethane	28.5	2.0	0.40	ug/l	25.0		114	60-140			
hloroform	23.8	1.0	0.33	ug/l	25.0		95	70-130			
hloromethane	27.6	2.0	0.40	ug/l	25.0		110	50-140			
2-Chlorotoluene	23.8	1.0	0.28	ug/l	25.0		95	70-125			
4-Chlorotoluene	24.2	1.0	0.29	ug/l	25.0		97	75-125			
2-Dibromo-3-chloropropane	24.7	2.0	0.97	ug/l	25.0		99	50-135			
ibromochloromethane	28.2	1.0	0.28	ug/l	25.0		113	70-140			
1,2-Dibromoethane (EDB)	25.9	1.0	0.40	ug/l	25.0		104	75-125			
4-Dichlorobenzene	23.5	1.0	0.37	ug/l	25.0		94	75-120			
2-Dichlorobenzene	25.1	1.0	0.32	ug/l	25.0		100	75-120			
1,3-Dichlorobenzene	25.0	1.0	0.35	ug/l	25.0		100	75-120			
Dichlorodifluoromethane	32.6	1.0	0.26	ug/l	25.0		131	35-155			
2-Dichloroethane	24.4	0.50	0.28	ug/l	25.0		98	60-140			
,1-Dichloroethane	23.2	1.0	0.27	ug/l	25.0		93	70-125			
1,1-Dichloroethene	21.8	1.0	0.42	ug/l	25.0		87	70-125			
s-1,2-Dichloroethene	23.8	1.0	0.32	ug/l	25.0		95	70-125			
ans-1,2-Dichloroethene	24.6	1.0	0.27	ug/l	25.0		98	70-125			
1,2-Dichloropropane	24.8	1.0	0.35	ug/l	25.0		99	70-125			
2-Dichloropropane	25.4	1.0	0.34	ug/l	25.0		102	65-140			
s-1,3-Dichloropropene	22.7	0.50	0.22	ug/l	25.0		91	75-125			
1,1-Dichloropropene	24.4	1.0	0.28	ug/l	25.0		97	75-130			

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Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L26005 Extracted: 12/26/07											
LCS Analyzed: 12/26/2007 (7L26005-BS1)											
trans-1,3-Dichloropropene	22.9	0.50	0.32	ug/l	25.0		92	70-125			
Ethylbenzene	25.4	1.0	0.25	ug/l	25.0		102	75-125			
Hexachlorobutadiene	24.6	1.0	0.38	ug/l	25.0		98	65-135			
2-Hexanone	25.3	6.0	2.6	ug/l	25.0		101	45-140			
Isopropylbenzene	26.2	1.0	0.25	ug/l	25.0		105	75-130			
p-Isopropyltoluene	23.3	1.0	0.28	ug/l	25.0		93	75-125			
Methyl-tert-butyl Ether (MTBE)	24.9	1.0	0.32	ug/l	25.0		100	60-135			
Methylene chloride	22.6	1.0	0.95	ug/l	25.0		90	55-130			
4-Methyl-2-pentanone (MIBK)	25.6	5.0	3.5	ug/l	25.0		102	45-140			
n-Propylbenzene	24.0	1.0	0.27	ug/l	25.0		96	75-130			
Styrene	25.7	1.0	0.16	ug/l	25.0		103	75-130			
1,1,1,2-Tetrachloroethane	25.8	1.0	0.27	ug/l	25.0		103	70-130			
1,1,2,2-Tetrachloroethane	26.8	1.0	0.24	ug/l	25.0		107	55-130			
Tetrachloroethene	25.0	1.0	0.32	ug/l	25.0		100	70-125			
Toluene	24.8	1.0	0.36	ug/l	25.0		99	70-120			
1,2,3-Trichlorobenzene	25.0	1.0	0.30	ug/l	25.0		100	65-125			
1,2,4-Trichlorobenzene	26.0	1.0	0.48	ug/l	25.0		104	70-135			
1,1,2-Trichloroethane	26.1	1.0	0.30	ug/l	25.0		105	70-125			
1,1,1-Trichloroethane	23.7	1.0	0.30	ug/l	25.0		95	65-135			
Trichloroethene	25.0	1.0	0.26	ug/l	25.0		100	70-125			
Trichlorofluoromethane	26.3	2.0	0.34	ug/l	25.0		105	65-145			
1,2,3-Trichloropropane	25.5	1.0	0.40	ug/l	25.0		102	60-130			
1,2,4-Trimethylbenzene	22.9	1.0	0.23	ug/l	25.0		92	75-125			
1,3,5-Trimethylbenzene	23.1	1.0	0.26	ug/l	25.0		93	75-125			
Vinyl acetate	30.8	6.0	1.0	ug/l	25.0		123	45-145			
Vinyl chloride	25.7	0.50	0.30	ug/l	25.0		103	55-135			
Surrogate: 4-Bromofluorobenzene	*25.3*			*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Dibromofluoromethane	*23.8*			*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Toluene-d8	*25.7*			*ug/l*	*25.0*		*103*	*80-120*			

TestAmerica Irvine

Trupti Mistry
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
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Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L26005 Extracted: 12/26/07											
Matrix Spike Analyzed: 12/26/2007 (7L26005-MS1)					**Source: IQL1662-03**						
Acetone	20.2	10	4.5	ug/l	25.0	ND	81	20-150			
Benzene	22.6	1.0	0.28	ug/l	25.0	ND	90	65-125			
Bromobenzene	23.9	1.0	0.27	ug/l	25.0	ND	96	70-125			
Bromochloromethane	22.6	1.0	0.32	ug/l	25.0	ND	91	65-135			
Bromodichloromethane	24.1	1.0	0.30	ug/l	25.0	ND	96	70-135			
Bromoform	21.1	1.0	0.40	ug/l	25.0	ND	84	55-135			
Bromomethane	22.2	1.0	0.42	ug/l	25.0	ND	89	55-145			
2-Butanone (MEK)	22.7	5.0	4.7	ug/l	25.0	ND	91	30-145			
n-Butylbenzene	21.8	1.0	0.37	ug/l	25.0	ND	87	65-135			
sec-Butylbenzene	21.9	1.0	0.25	ug/l	25.0	ND	88	70-125			
tert-Butylbenzene	22.7	1.0	0.22	ug/l	25.0	ND	91	65-130			
Carbon Disulfide	23.4	1.0	0.48	ug/l	25.0	ND	94	40-140			
Carbon tetrachloride	21.7	0.50	0.28	ug/l	25.0	ND	87	65-140			
Chlorobenzene	23.0	1.0	0.36	ug/l	25.0	ND	92	75-125			
Chloroethane	25.4	2.0	0.40	ug/l	25.0	ND	102	55-140			
Chloroform	22.5	1.0	0.33	ug/l	25.0	ND	90	65-135			
Chloromethane	21.4	2.0	0.40	ug/l	25.0	ND	86	45-145			
2-Chlorotoluene	22.7	1.0	0.28	ug/l	25.0	ND	91	65-135			
4-Chlorotoluene	23.1	1.0	0.29	ug/l	25.0	ND	93	70-135			
1,2-Dibromo-3-chloropropane	19.7	2.0	0.97	ug/l	25.0	ND	79	45-145			
Dibromochloromethane	25.3	1.0	0.28	ug/l	25.0	ND	101	65-140			
1,2-Dibromoethane (EDB)	22.9	1.0	0.40	ug/l	25.0	ND	92	70-130			
1,4-Dichlorobenzene	22.3	1.0	0.37	ug/l	25.0	ND	89	75-125			
1,2-Dichlorobenzene	23.8	1.0	0.32	ug/l	25.0	ND	95	75-125			
1,3-Dichlorobenzene	23.8	1.0	0.35	ug/l	25.0	ND	95	75-125			
Dichlorodifluoromethane	25.3	1.0	0.26	ug/l	25.0	ND	101	25-155			
1,2-Dichloroethane	22.8	0.50	0.28	ug/l	25.0	ND	91	60-140			
1,1-Dichloroethane	21.5	1.0	0.27	ug/l	25.0	ND	86	65-130			
1,1-Dichloroethene	19.7	1.0	0.42	ug/l	25.0	ND	79	60-130			
cis-1,2-Dichloroethene	22.4	1.0	0.32	ug/l	25.0	ND	90	65-130			
trans-1,2-Dichloroethene	22.9	1.0	0.27	ug/l	25.0	ND	92	65-130			
1,2-Dichloropropane	23.3	1.0	0.35	ug/l	25.0	ND	93	65-130			
2,2-Dichloropropane	24.0	1.0	0.34	ug/l	25.0	ND	96	60-145			
cis-1,3-Dichloropropene	21.2	0.50	0.22	ug/l	25.0	ND	85	70-130			
1,1-Dichloropropene	22.5	1.0	0.28	ug/l	25.0	ND	90	70-135			

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Project Manager

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Avocet Environmental Inc.
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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L26005 Extracted: 12/26/07											
Matrix Spike Analyzed: 12/26/2007 (7L26005-MS1)					**Source: IQL1662-03**						
trans-1,3-Dichloropropene	21.2	0.50	0.32	ug/l	25.0	ND	85	65-135			
Ethylbenzene	23.3	1.0	0.25	ug/l	25.0	ND	93	65-130			
Hexachlorobutadiene	22.5	1.0	0.38	ug/l	25.0	ND	90	60-135			
2-Hexanone	20.1	6.0	2.6	ug/l	25.0	ND	80	25-140			
Isopropylbenzene	24.9	1.0	0.25	ug/l	25.0	ND	99	70-135			
p-Isopropyltoluene	22.1	1.0	0.28	ug/l	25.0	ND	88	65-130			
Methyl-tert-butyl Ether (MTBE)	22.8	1.0	0.32	ug/l	25.0	ND	91	55-145			
Methylene chloride	21.0	1.0	0.95	ug/l	25.0	ND	84	50-135			
4-Methyl-2-pentanone (MIBK)	21.2	5.0	3.5	ug/l	25.0	ND	85	40-140			
n-Propylbenzene	22.9	1.0	0.27	ug/l	25.0	ND	92	70-135			
Styrene	22.6	1.0	0.16	ug/l	25.0	ND	90	50-145			
1,1,1,2-Tetrachloroethane	23.8	1.0	0.27	ug/l	25.0	ND	95	65-140			
1,1,2,2-Tetrachloroethane	23.8	1.0	0.24	ug/l	25.0	ND	95	55-135			
Tetrachloroethene	22.8	1.0	0.32	ug/l	25.0	ND	91	65-130			
Toluene	23.4	1.0	0.36	ug/l	25.0	ND	94	70-125			
1,2,3-Trichlorobenzene	22.7	1.0	0.30	ug/l	25.0	ND	91	60-135			
1,2,4-Trichlorobenzene	24.0	1.0	0.48	ug/l	25.0	ND	96	65-135			
1,1,2-Trichloroethane	23.8	1.0	0.30	ug/l	25.0	ND	95	65-130			
1,1,1-Trichloroethane	22.0	1.0	0.30	ug/l	25.0	ND	88	65-140			
Trichloroethene	23.2	1.0	0.26	ug/l	25.0	ND	93	65-125			
Trichlorofluoromethane	24.1	2.0	0.34	ug/l	25.0	ND	96	60-145			
1,2,3-Trichloropropane	22.5	1.0	0.40	ug/l	25.0	ND	90	55-135			
1,2,4-Trimethylbenzene	21.5	1.0	0.23	ug/l	25.0	ND	86	55-135			
1,3,5-Trimethylbenzene	22.0	1.0	0.26	ug/l	25.0	ND	88	70-130			
Vinyl acetate	26.0	6.0	1.0	ug/l	25.0	ND	104	40-150			
Vinyl chloride	22.6	0.50	0.30	ug/l	25.0	ND	90	45-140			
Surrogate: 4-Bromofluorobenzene	*24.6*			*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*24.3*			*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Toluene-d8	*25.6*			*ug/l*	*25.0*		*103*	*80-120*			

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Trupti Mistry
Project Manager

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Avocet Environmental Inc.
16 Technology Drive, Suite 154
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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L26005 Extracted: 12/26/07											
Matrix Spike Dup Analyzed: 12/26/2007 (7L26005-MSD1)					**Source: IQL1662-03**						
Acetone	20.4	10	4.5	ug/l	25.0	ND	82	20-150	1	35	
Benzene	22.8	1.0	0.28	ug/l	25.0	ND	91	65-125	1	20	
romobenzene	24.1	1.0	0.27	ug/l	25.0	ND	96	70-125	1	20	
romochloromethane	22.9	1.0	0.32	ug/l	25.0	ND	92	65-135	1	25	
Bromodichloromethane	24.4	1.0	0.30	ug/l	25.0	ND	97	70-135	1	20	
Bromoform	22.2	1.0	0.40	ug/l	25.0	ND	89	55-135	5	25	
romomethane	22.8	1.0	0.42	ug/l	25.0	ND	91	55-145	3	25	
2-Butanone (MEK)	23.1	5.0	4.7	ug/l	25.0	ND	92	30-145	2	40	
n-Butylbenzene	22.3	1.0	0.37	ug/l	25.0	ND	89	65-135	2	20	
sec-Butylbenzene	22.0	1.0	0.25	ug/l	25.0	ND	88	70-125	1	20	
tert-Butylbenzene	22.9	1.0	0.22	ug/l	25.0	ND	91	65-130	1	20	
Carbon Disulfide	23.3	1.0	0.48	ug/l	25.0	ND	93	40-140	1	20	
arbon tetrachloride	22.2	0.50	0.28	ug/l	25.0	ND	89	65-140	3	25	
hlorobenzene	23.9	1.0	0.36	ug/l	25.0	ND	96	75-125	4	20	
Chloroethane	25.5	2.0	0.40	ug/l	25.0	ND	102	55-140	0	25	
Chloroform	22.6	1.0	0.33	ug/l	25.0	ND	90	65-135	0	20	
hloromethane	21.7	2.0	0.40	ug/l	25.0	ND	87	45-145	1	25	
2-Chlorotoluene	22.9	1.0	0.28	ug/l	25.0	ND	92	65-135	1	20	
4-Chlorotoluene	23.2	1.0	0.29	ug/l	25.0	ND	93	70-135	0	20	
2-Dibromo-3-chloropropane	21.3	2.0	0.97	ug/l	25.0	ND	85	45-145	8	30	
ibromochloromethane	26.3	1.0	0.28	ug/l	25.0	ND	105	65-140	4	25	
1,2-Dibromoethane (EDB)	24.0	1.0	0.40	ug/l	25.0	ND	96	70-130	5	25	
4-Dichlorobenzene	22.8	1.0	0.37	ug/l	25.0	ND	91	75-125	2	20	
2-Dichlorobenzene	24.1	1.0	0.32	ug/l	25.0	ND	96	75-125	1	20	
1,3-Dichlorobenzene	24.0	1.0	0.35	ug/l	25.0	ND	96	75-125	1	20	
Dichlorodifluoromethane	25.3	1.0	0.26	ug/l	25.0	ND	101	25-155	0	30	
2-Dichloroethane	22.9	0.50	0.28	ug/l	25.0	ND	92	60-140	0	20	
1,1-Dichloroethane	21.7	1.0	0.27	ug/l	25.0	ND	87	65-130	1	20	
1,1-Dichloroethene	19.5	1.0	0.42	ug/l	25.0	ND	78	60-130	1	20	
s-1,2-Dichloroethene	22.4	1.0	0.32	ug/l	25.0	ND	90	65-130	0	20	
ans-1,2-Dichloroethene	22.8	1.0	0.27	ug/l	25.0	ND	91	65-130	1	20	
1,2-Dichloropropane	23.7	1.0	0.35	ug/l	25.0	ND	95	65-130	2	20	
2-Dichloropropane	23.9	1.0	0.34	ug/l	25.0	ND	96	60-145	0	25	
s-1,3-Dichloropropene	21.4	0.50	0.22	ug/l	25.0	ND	86	70-130	1	20	
1,1-Dichloropropene	22.8	1.0	0.28	ug/l	25.0	ND	91	70-135	1	20	

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Project Manager

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L26005 Extracted: 12/26/07											
Matrix Spike Dup Analyzed: 12/26/2007 (7L26005-MSD1)					**Source: IQL1662-03**						
trans-1,3-Dichloropropene	21.7	0.50	0.32	ug/l	25.0	ND	87	65-135	2	25	
Ethylbenzene	24.2	1.0	0.25	ug/l	25.0	ND	97	65-130	4	20	
Hexachlorobutadiene	23.2	1.0	0.38	ug/l	25.0	ND	93	60-135	3	20	
2-Hexanone	22.5	6.0	2.6	ug/l	25.0	ND	90	25-140	11	35	
Isopropylbenzene	24.9	1.0	0.25	ug/l	25.0	ND	99	70-135	0	20	
p-Isopropyltoluene	22.4	1.0	0.28	ug/l	25.0	ND	90	65-130	1	20	
Methyl-tert-butyl Ether (MTBE)	23.2	1.0	0.32	ug/l	25.0	ND	93	55-145	2	25	
Methylene chloride	21.1	1.0	0.95	ug/l	25.0	ND	85	50-135	1	20	
4-Methyl-2-pentanone (MIBK)	22.7	5.0	3.5	ug/l	25.0	ND	91	40-140	7	35	
n-Propylbenzene	23.0	1.0	0.27	ug/l	25.0	ND	92	70-135	0	20	
Styrene	23.2	1.0	0.16	ug/l	25.0	ND	93	50-145	2	30	
1,1,1,2-Tetrachloroethane	24.6	1.0	0.27	ug/l	25.0	ND	99	65-140	3	20	
1,1,2,2-Tetrachloroethane	24.5	1.0	0.24	ug/l	25.0	ND	98	55-135	3	30	
Tetrachloroethene	23.8	1.0	0.32	ug/l	25.0	ND	95	65-130	4	20	
Toluene	23.7	1.0	0.36	ug/l	25.0	ND	95	70-125	1	20	
1,2,3-Trichlorobenzene	24.2	1.0	0.30	ug/l	25.0	ND	97	60-135	7	20	
1,2,4-Trichlorobenzene	25.4	1.0	0.48	ug/l	25.0	ND	101	65-135	6	20	
1,1,2-Trichloroethane	24.2	1.0	0.30	ug/l	25.0	ND	97	65-130	2	25	
1,1,1-Trichloroethane	22.3	1.0	0.30	ug/l	25.0	ND	89	65-140	1	20	
Trichloroethene	23.6	1.0	0.26	ug/l	25.0	ND	94	65-125	2	20	
Trichlorofluoromethane	24.5	2.0	0.34	ug/l	25.0	ND	98	60-145	2	25	
1,2,3-Trichloropropane	23.0	1.0	0.40	ug/l	25.0	ND	92	55-135	2	30	
1,2,4-Trimethylbenzene	21.4	1.0	0.23	ug/l	25.0	ND	86	55-135	0	25	
1,3,5-Trimethylbenzene	21.9	1.0	0.26	ug/l	25.0	ND	87	70-130	1	20	
Vinyl acetate	26.4	6.0	1.0	ug/l	25.0	ND	106	40-150	2	30	
Vinyl chloride	22.3	0.50	0.30	ug/l	25.0	ND	89	45-140	1	30	
Surrogate: 4-Bromofluorobenzene	*25.4*			*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Dibromofluoromethane	*24.1*			*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*25.6*			*ug/l*	*25.0*		*102*	*80-120*			

TestAmerica Irvine

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Project Manager

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Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L12041 Extracted: 12/12/07											
Blank Analyzed: 12/12/2007 (7L12041-BLK1)											
Chloride	ND	0.50	0.25	mg/l							
Nitrate-NO3	ND	0.50	0.25	mg/l							
Nitrite-NO2	ND	0.50	0.30	mg/l							
Sulfate	ND	0.50	0.20	mg/l							
LCS Analyzed: 12/12/2007 (7L12041-BS1)											
Chloride	4.89	0.50	0.25	mg/l	5.00		98	90-110			*M-3*
Nitrate-NO3	5.03	0.50	0.25	mg/l	5.00		101	90-110			
Nitrite-NO2	4.97	0.50	0.30	mg/l	5.00		99	90-110			
Sulfate	9.96	0.50	0.20	mg/l	10.0		100	90-110			*M-3*
Matrix Spike Analyzed: 12/12/2007 (7L12041-MS1)						**Source: IQL1288-09**					
Nitrate-NO3	67.6	5.0	2.5	mg/l	50.0	26.2	83	80-120			
Nitrite-NO2	52.2	5.0	3.0	mg/l	50.0	3.71	97	80-120			
Matrix Spike Dup Analyzed: 12/12/2007 (7L12041-MSD1)						**Source: IQL1288-09**					
Nitrate-NO3	78.3	5.0	2.5	mg/l	50.0	26.2	104	80-120	15	20	
Nitrite-NO2	59.9	5.0	3.0	mg/l	50.0	3.71	112	80-120	14	20	
Batch: 7L19067 Extracted: 12/19/07											
Duplicate Analyzed: 12/19/2007 (7L19067-DUP1)						**Source: IQL1996-03**					
Alkalinity as CaCO3	72.0	2.0	2.0	mg/l		76.0			5	20	
Reference Analyzed: 12/19/2007 (7L19067-SRM1)											
Alkalinity as CaCO3	270	2.0	2.0	mg/l	283		95	90-110			

TestAmerica Irvine

Trupti Mistry
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

METHOD BLANK/QC DATA

TOTAL ORGANIC CARBON (EPA 9060A MOD.)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 7L19098 Extracted: 12/19/07											
Blank Analyzed: 12/19/2007 (7L19098-BLK1)											
Total Organic Carbon	ND	1.0	0.50	mg/l							
LCS Analyzed: 12/19/2007 (7L19098-BS1)											
Total Organic Carbon	10.8	1.0	0.50	mg/l	10.0		108	90-110			
Matrix Spike Analyzed: 12/19/2007 (7L19098-MS1)						**Source: IQL1260-02**					
Total Organic Carbon	12.5	1.0	0.50	mg/l	5.00	7.58	98	80-120			
Matrix Spike Dup Analyzed: 12/19/2007 (7L19098-MSD1)						**Source: IQL1260-02**					
Total Organic Carbon	12.7	1.0	0.50	mg/l	5.00	7.58	102	80-120	2	20	

TestAmerica Irvine

Trupti Mistry
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M-3	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD. The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

estAmerica Irvine

rupti Mistry
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Avocet Environmental Inc.
16 Technology Drive, Suite 154
Irvine, CA 92618
Attention: Michael Rendina

Project ID: Boeing GW monitoring event Former C-1 Facility
1155.002
Report Number: IQL1404

Sampled: 12/12/07
Received: 12/12/07

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 300.0	Water	X	X
EPA 310.1	Water	X	X
EPA 8260B	Water	X	X
EPA 9060A MOD.	Water		X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

Air Technology Lab - SUB

18501 E. Gale Avenue, Suite #130 - City of Industry, CA 91748

Analysis Performed: CO2-RSK 175 OUT
Samples: IQL1404-03

Analysis Performed: Diss. Gasses
Samples: IQL1404-03

TestAmerica Irvine

Trupti Mistry
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

IQL1404-REV

AVOCET ENVIRONMENTAL, INC.
16 Technology Drive, Suite 154
Irvine, California 92618 2327
TEL (949) 296-0977
FAX (949) 296 0978

Sheet of

IQL1404-REV

Boeing CoC No. AVO121207A

CHAIN OF CUSTODY RECORD

Project Information

Site Name	Boeing Former C-6 Facility - Building 1/36
Site Address	Torrance, CA
Project No	1155.002
Project Manager	Michael Rendina
Sampled By	Eric Costales
Turn-Around-Time	Standard TAT, 48 hr holding time for NO_3

Analyses

Sample Identification	Sample Date	Sample Time	Matrix	No. of Cntnrs.	Lab I.D. Number	VOCs inc. fuel oxys (EPA 8260B)	TOC (EPA 9060)	VFA by IC Method 8M23G (Microseeps, Inc. Pittsburgh, PA)	Dissolved Gases (Ethane, Ethene, and Methane by RSK 175)	Dissolved Minerals (sulfate, Nitrate, nitrite, and chloride) by EPA Method 300	Total Alkalinity by EPA Method 310	Quantitative Polymerase Chain Reaction (qPCR) analysis for DHC 16S rRNA gene and functional genes tceA, bvcA, and vcrA (North Wind, Inc., Pocatello, ID)	Comments
TB_AV121207_0001	-	-	Water	3		X							
EB_AV121207_0001	12/12/07	11:15	Water	3		X							
EWB002_WG121207_0001	12/12/07	13:33	Water	12		X	X	X	X	X	X	X	48HR HT for NO_3
EWB001_WG121207_0001	12/12/07	10:38	Water	3		X							
EWC001_WG121207_0001	12/12/07	12:15	Water	3		X							
EWC001_WG121207_0002	12/12/07	12:15	Water	3		X							Received 12/13/07 12/13

Relinquished by		Company	Received by		Company
Printed Name: David Lieberman	Date: 12-12-07	Avocet Environmental, Inc.	Printed Name:	Date:	
Signature:	Time: 16:58		Signature:	Time:	
Printed Name:	Date:		Printed Name:	Date:	
Signature:	Time:		Signature:	Time:	
Printed Name:	Date:		Printed Name: Angel Perez	Date: 12/12/07	
Signature:	Time:		Signature:	Time: 1450	

Sample Receipt	Billing Information	Special Instructions
Total Containers		
Temperature °C °F	Bill To:	
COC Seal (Y/N/NA)		

S:\Projects\155 Boeing Former C-6 Facility\Groundwater Monitoring\December 2007\COC_121207.xls

4-8/3-4

BOE-C6-0187827

AVOCET ENVIRONMENTAL, INC
16 Technology Drive, Suite 154
Irvine, California 92618-2327
TEL (949) 296-0977
FAX (949) 296 0978

Sheet of IQL1404 IQL1404 Boeing CoC No. AVO121207A

CHAIN OF CUSTODY RECORD

Project Information:

Site Name	Boeing Former C-6 Facility - Building 1/36
Site Address	Torrance, CA
Project No	1155.002
Project Manager	Michael Rendina
Sampled By	Eric Costales
Turn-Around-Time	Standart TAT, 48 hr holding time for NO_3

Analyses

Sample Identification	Sample Date	Sample Time	Matrix	No. of Cntnrs.	Lab I.D. Number	VOCs inc. fuel oxys (EPA 8260B)	TOC (EPA 9060)	VFA by IC Method 8M23G (Microseeps, Inc. Pittsburgh, PA)	Dissolved Gases (Ethane, Ethene, and Methane by RSK 175)	Dissolved Minerals (sulfate, Nitrate, nitrite, and chloride) by EPA Method 300	Total Alkalinity by EPA Method 310	Quantitative Polymerase Chain Reaction (qPCR) analysis for DHC 16S rRNA gene and functional genes tceA, bvcA, and vcrA (North Wind, Inc., Pocatello, ID)	Comments
TB_AV121207_0001	-	-	Water	3		X							
EB_AV121207_0001	12/12/07	11:15	Water	3		X							
EWB002_WG121207_0001	12/12/07	13:33	Water	12		X	X	X	X	X	X	X	48HR HT for NO_3
EWB001_WG121207_0001	12/12/07	10:38	Water	3		X							
EWC001_WG121207_0001	12/12/07	12:15	Water	3		X							

AP 1805 12/12/07

Relinquished by	Company	Received by	Company
Printed Name: David Lieberman Date: 12-12-07	Avocet Environmental, Inc.	Printed Name: Date:	
Signature: [signature] Time: 16:58		Signature: Time:	
Printed Name: Date:		Printed Name: Date:	
Signature: Time:		Signature: Time:	
Printed Name: Date:		Printed Name: Angel Perez Date: 12/12/07	
Signature: Time:		Signature: [signature] Time: 1658	

Sample Receipt	Billing Information	Special Instructions
Total Containers		
Temperature °C 4.8/3.4 °F	Bill To:	
COC Seal (Y/N/NA)		

\Projects\1 Former C-6 Indwater M ember 20 207.xls

4 4/3 11

BOE-C6-0187828

AirTECHNOLOGY
Laboratories, Inc.

December 27, 2007

FL Cert #E87847/LA Cert #04140
EPA Method TO14A/TO15
EPA Method TO3
RSK-175
EPA Method 25C/3C

TestAmerica
ATTN: Trupti Mistry
17461 Derian Ave., Suite 100
Irvine, CA 92614

LABORATORY TEST RESULTS

Project Reference: IQL1404
Lab Number: A7121308-01

Enclosed are results for sample(s) received 12/13/07 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- All results are reported without qualifications.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

SUBCONTRACT ORDER

TestAmerica Irvine

IQL1404

A7 121308-01

SENDING LABORATORY:

TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Phone: (949) 261-1022
Fax: (949) 260-3297
Project Manager: Trupti Mistry

RECEIVING LABORATORY:

Air Technology Lab - SUB
18501 E. Gale Avenue, Suite #130
City of Industry, CA 91748
Phone :(626) 964-4032
Fax: (626) 964-5832
Project Location: California
Receipt Temperature:_____°C 5 Ice: Y N

Analysis	Units	Due	Expires	Comments
Sample ID: IQL1404-03	**Water**		Sampled: **12/12/07 13:33**	
CO2-RSK 175 OUT	ug/l	12/21/07	12/26/07 13:33	sub=ATL, Element EDD, Boeing 9/05
Diss. Gasses-OUT	mg/l	12/21/07	12/26/07 13:33	RSK175,sub=ATL,C2H4,C2H6,CH4,El mnt EDD,Boeing 9/05

-01

Containers Supplied:

40 mL VOA w/HCL + rubber septa (D)	40 mL VOA w/HCL + rubber septa (E)	40 mL Voa Vial (J)	40 mL Voa Vial (K)	40 mL VOA w/HCL + rubber septa (L)

Released By	Date/Time 12/13/07 1105	Received By	Date/Time 12/13/07 915
Released By	Date/Time	Received By	Date/Time 12-13-07 11:05

Client: TestAmerica
Attn: Trupti Mistry

Client's Project: IQL1404
Date Received: 12/13/2007
Matrix: Water
Units: ug/L

Dissolved Gases by EPA Procedure RSKSOP-175

Lab No.:	A7121308-01		
Client Sample I.D.:	IQL1404-03		
Date Sampled:	12/12/2007		
Date Analyzed:	12/19/2007		
Analyst Initials:	DT		
Data File:	19dec018		
QC Batch:	071219GC8A1		
Dilution Factor:	1.0		

ANALYTE	PQL	RL	Results
Methane	1.0	1.0	540
Ethane	2.0	2.0	ND
Ethylene	3.0	3.0	10
Carbon Dioxide	200	200	150,000

PQL = Practical Quantitation Limit
ND = Not Detected (Below RL)
RL = PQL X Dilution Factor

Reviewed/Approved By: Mark J. Johnson
Operations Manager

Date: 12-27-07

The cover letter is an integral part of this analytical report.

QC Batch No.: 071219GC8A1
Matrix: Water
Units: ug/L

QC for Dissolved Gases by EPA Procedure RSKSOP-175

Lab No.:		Method Blank		LCS		LCSD			
Date Analyzed:		12/19/07		12/19/07		12/19/07			
Analyst Initials:		DT		DT		DT			
Datafile:		19dec006		19dec003		19dec004			
Dilution Factor:		1.0		1.0		1.0			
ANALYTE	PQL	RL	Results	% Rec.	Criteria	% Rec.	Criteria	%RPD	Criteria
Methane	1.0	1.0	ND	100	70-130%	97	70-130%	2.6	<30
Ethane	2.0	2.0	ND	97	70-130%	94	70-130%	3.2	<30
Ethylene	3.0	3.0	ND	102	70-130%	92	70-130%	9.5	<30
Carbon Dioxide	200	200	ND	116	70-130%	98	70-130%	16	<30

PQL = Practical Quantitation Limit
ND = Not Detected (Below RL).
RL = PQL X Dilution Factor

Reviewed/Approved By: Mark J. Johnson
Operations Manager

Date: 12-27-07

The cover letter is an integral part of this analytical report.

APPENDIX C

BOE-C6-0187833

Appendix C

Well Development Forms

AVOCET
ENVIRONMENTAL, INC.

Well No.: EWB-001	Site/Location: Former C6 Facility		
Client: Boeing	Contractor: WDC / J&H		Page 1 of ___
Date Started: 10-30-07	Time Started: 800 (Pulling Pump)		Development Rig: (Y) / N)
Date Ended:	Time Ended:		Casing Diameter: 6"
Equipment: 3" Grund Fos	Pre-devel. Static Water Level (feet ~~BTOC~~ bgs): 60.98		
Development Method: Swab, bail & Pump	Average discharge rate (gpm):		
Maximum Drawdown During Pumping: 10.42 feet at 10.5 gpm	Total Quantity Bailed (gallons): 92 gal		
	Total Quantity Pumped (gallons): 1,077		
	Developed By: Kelly Klepinger		

Total Depth of Well (feet): 89.3 — 2" - 0.16

Depth to Water (feet): 60.98' — 4" - 0.65 = 41.6 One (1) Casing Volume

Water Column Height (feet): 28.32 — 6" - 1.47

Initial TD = 89.3' bgs

Time	Gallons	Flow (GPM)	Temp. (°C / °F)	pH	Conductivity (µmhos/cm)	Turbidity (NTUs)	Water Level (ft. ~~BTOC~~ bgs)	Remarks
1145	2	—	22.5	7.71	190 x10	>1,000	muddy brown	bail H_2O
1250	53	—	22.3	7.67	145 x10	>1,000	"	bail H_2O
1255	92							Finished bailing
1304							61.25	TD: 89.6' bgs
1318							61.15 ~~61.5~~	
1342							61.09	
1429	0					Pump raised to clear column & lowered		Start pumping ~~intake @ 88' bgs~~
1434	20	4	22.6	8.04	125 x10	>1,000	63.41	
1437	32							Stop pump, intake @ 80'
1438								Pump on
1439	36							Pump off
1440	~~42~~							Pump on
1441	40							Pump off
1442	~~44~~							Pump on
1443	44							Pump off

CDM **WELL DEVELOPMENT LOG**

Well No.: EWB-001				Site/Location:				Page 1 of
Time	Gallons	Flow (GPM)	Temp. (°C / °F)	pH	Conductivity (µmhos/cm)	Turbidity (NTUs)	Water Level (ft. BTOC)	Remarks
1443								Pump on lower pump ~88' bgs
1445								Pump off and on several times
1451	~60							Pump off - put on meter and Ross Sand
1500								TOT = 78,540 Pump on
1505	140	6	21.3	7.62	125x10	835		TOT = 78,580
1508							68.30	
1510	100							78,640
1515	170							78710
1520			22.0	7.66	125x10	167	68.79	Rossum 0.2
1524	255	10.6	20.5	7.75	125x10	54.6	68.97	78,795 Rossum 0.2
1540	430	10.9	21.9	7.70	128x10	59.4	69.71	78,970 Rossum 0.2
1545	485	11	21.7	7.69	128x10	75.2	69.98	79,025
1548	Stop	test -	tank	full				79,058
17:26		10.5	19.9	7.85	1250	58.1	70.30	
17:51		10.5	19.9	7.50	1300	17.1	71.40	

60

bucket test ~10.5 gpm

CDM

WELL DEVELOPMENT LOG

CAMP DRESSER & McKEE

CLIENT Boeing

PROJECT

DETAIL Pump Test Well EB-001

JOB NO.

DATE CHECKED

CHECKED BY

COMPUTED BY MM

DATE 10/30/07

PAGE NO. 1

ET (MIN)	DTW (ft bgs)	Time
0 =	66.04	16:58
1 =	63.40	
2 =	67.65	17:00
3 =	68.43	
4 =	69.17	
5 =	69.55	
6 =	69.80	
7 =	69.95	
8 =	70.02	
9 =	69.90	
10 =	69.85	
12 =	69.95	
14 =	69.96	
16 =	70.10	
18 =	70.25	
20 =	70.30	17:18
25 =	~~70.35~~ 70.43	
30 =	70.90	
35 =	70.93	
40 =	71.12	
45 =	71.04	
50 =	71.17	
55 =	71.40	
~~60 =~~		

Well No.: WCC-035	Site/Location: Former C6 facility		
Client: Boeing	Contractor: WDC		Page 1 of 1
Date Started: 11/2/07	Time Started: 730		Development Rig: (Y) / N)
Date Ended: 11/2/07	Time Ended: 1436		Casing Diameter: 4
Equipment: 3" Grundfos	Pre-devel. Static Water Level (feet BTOC): 59.78		
Development Method: bail, swab, pump	Average discharge rate (gpm): 6.8 & 4.5		
Maximum Drawdown During Pumping: 1.37' feet at 6.8 gpm; 1.03' @ 4.5 gpm	Total Quantity Bailed (gallons): 140		
	Total Quantity Pumped (gallons): 748		
	Developed By: Kelly Klingingsr		

Total Depth of Well (feet): 88' 2" - 0.16

Depth to Water (feet): 59.78 4" - 0.65 = 18.3 One (1) Casing Volume

Water Column Height (feet): 28.22 6" - 1.47

Time	Gallons	Flow (GPM)	Temp. (°C / °F)	pH	Conductivity (µmhos/cm)	Turbidity (NTUs)	Water Level (ft. BTOC)	Remarks
843	18	—	18.6	7.67	145x10	71,000	—	black, cloudy, odor, sandy
925	40	—	19.9	7.42	140x10	71,000	—	" " "
1020	90	—	20.3	7.47	140x10	71,000	—	" " "
1051	103	—	21.0	7.45	140x10	71,000	—	greenish gray, silty, sandy, odor
~~1214~~ 1219	0		23.8	7.83	150x10	71,000	—	Start pumping Pump @ ~86' 37,381 = TOT
1224	29							Pump shut off TOT = 37,410
1225	29	5						start pumping
1230	50	5	24.5	7.62	150x10	496	60.81	TOT = 37,431 Rossum = 0.2
1231	81	4.5	24.3	7.41	150x10	200	60.65	TOT = 37,462 Rossum = 0.2
1247	127	4.6	24.4	7.32	150x10	84.3	60.65	TOT = 37,508 Rossum = 0.1
1255	163	4.5	23.6	7.57	150x10	48.4	60.58	TOT = 37,544 Rossum = 0.1
1307	216	4.4	24.7	7.39	150x10	29.4	60.61	TOT = 37,597 Rossum < 0.1
1327	294	4	24.4	7.33	150x10	18.0	60.55	TOT = 37,675 Rossum < 0.1 Stop pump
1330								Start pump
1334			24.2	7.34	150x10	10.7	61.08	

bail pump

1230: 4.5 gpm

CDM **WELL DEVELOPMENT LOG**

5 SQ - SQE 450
Grund Fos 3"

Well No.: WCC-OBS				Site/Location: Former CL facility				Page 7 of ___
Time	Gallons	Flow (GPM)	Temp. (°C / °F)	pH	Conductivity (µmhos/cm)	Turbidity (NTUs)	Water Level (ft. BTOC)	Remarks
1339	353	6.5						TOT = 37,734
								Raising and lowering pump several times
1345	est. 393	est. 6.5	24.1	7.10	195x10	266	61.08	Pump @ 68' unit reset totalizer
1353	est. 445		23.9	7.41	150x10	7.03	61.13	
1401			23.5	7.41	150x10	2.84	61.14	
1407								surge well by raising and lowering pump several times
1409								set pump @ 74
1411	est 562		23.7	7.32	150x10	174	61.15	
1433			23.2	7.44	150x10	7.19	61.15	
1436	748	6.8						Pump off TOT = 38,129

CDM

WELL DEVELOPMENT LOG

Well No.: WCC-06S	Site/Location: Former C6 facility		
Client: Boeing	Contractor: WDC		Page 1 of 1
Date Started: ~~10-29-07~~ 10-29-07	Time Started: 900		Development Rig: (Y / N)
Date Ended: 10-29-07	Time Ended: 1615		Casing Diameter: 4"
Equipment: 3" Grundfos	Pre-devel. Static Water Level (feet BTOC): 59.99'		
Development Method: Swab Bail & Pump (aggressive)	Average discharge rate (gpm): 11.2		
Maximum Drawdown During Pumping:	Total Quantity Bailed (gallons): 165 gallons		
7.97 feet at 11.2 gpm	Total Quantity Pumped (gallons): 449		
	Developed By: Kelly Klepinger / Mike Hoffman		

Total Depth of Well (feet): 91 — 2" - 0.16 — TD = 85.05' BTOC soft bottom

Depth to Water (feet): 59.99 — 4" - 0.65 = 20.2 One (1) Casing Volume

Water Column Height (feet): 31.01 — 6" - 1.47

Time	Gallons	Flow (GPM)	Temp. (°C / °F)	pH	Conductivity (µmhos/cm)	Turbidity (NTUs)	Water Level (ft. BTOC)	Remarks High pH.
930	20	–	20.7	11.53	300x10	>1,000	blackish H_2S odor	Sediments flocculate quickly, settles fast
1130	57	–	~~243~~ 237	8.47	220x10	71,000	muddy brown	1st bail after swabbing 60 mins
1255	130	–	24.0	7.37	230x10	71,000	"	bringing zip tie, gravel, sand, plastic
–	–	–	–	–	–	–	–	–
	START PUMPING & STEP TEST							
1523	0	10.5					59.96	Start pumping
1528	52.5		24.4	7.38	210x10		64.8	Rossum 0.5
1530	74					60.7		Shut off to put on Flow meter
1537		12						7814 TOT 78,140 Start pump
1542	146		24.2	7.31	210x10	61.2	64.61	Rossum = 0.1 78,212 = TOT
1551	247	11.2	22.8	7.20	205x10	41.2	67.51	78,313 = TOT
1557	304	11.4	23.2	7.21	200x10	14.9	67.71	78,370
1603	382	13	22.8	7.18	200x10	9.35	67.85	78,448
1609	449	11.2	22.9	7.19	200x10	5.62	67.96	78,515
1613	Tank	Full	Stopped	test				78,540

CDM **WELL DEVELOPMENT LOG**

To: Ravi

Well No.: AW0074UB	Site/Location: Former C6 facility		
Client: Boeing	Contractor: WDC		Page 1 of 1
Date Started: 11/1/07	Time Started: 1115		Development Rig: (Y / N)
Date Ended: 11/1/07	Time Ended: 1440		Casing Diameter: 2"
Equipment: Grundfos 2" Rediflo	Pre-devel. Static Water Level (feet BTOC): 59.92		
Development Method: bail, swab, pump	Average discharge rate (gpm):		
Maximum Drawdown During Pumping:	Total Quantity Bailed (gallons): 40		
_____ feet at _____ gpm	Total Quantity Pumped (gallons):		
	Developed By: Kelly K		

Total Depth of Well (feet): 88.25 (2" - 0.16)

Depth to Water (feet): 59.92 4" - 0.65 = 4.5 One (1) Casing Volume

Water Column Height (feet): 28.33 6" - 1.47

Time	Gallons	Flow (GPM)	Temp. (°C / °F)	pH	Conductivity (µmhos/cm)	Turbidity (NTUs)	Water Level (ft. BTOC)	Remarks
1142	1	—	22.6	7.77	160x10	164	—	odor, cloudy
1150	5	—	22.6	7.48	170x10	>1,000	—	muddy brown
1158	25	—	22.0	7.60	170x10	71,000	—	"
1420	30	—	22.1	7.59	170x10	71,000	—	"

CDM **WELL DEVELOPMENT LOG**

Well No.: AW0075UB	Site/Location: Former C6 facility		
Client: Boeing	Contractor: WDC		Page 1 of 1
Date Started: 11/1/07	Time Started: 1513		Development Rig: (Y / N)
Date Ended: 11/1/07	Time Ended: 1630		Casing Diameter: 2"
Equipment: 2" Grundfos Rediflo	Pre-devel. Static Water Level (feet BTOC):		
Development Method: Swab, bail, pump	Average discharge rate (gpm):		
Maximum Drawdown During Pumping:	Total Quantity Bailed (gallons): 5		
_____ feet at _____ gpm	Total Quantity Pumped (gallons):		
	Developed By: Kelly K		

Total Depth of Well (feet): 88.5 — 2" - 0.16

Depth to Water (feet): 60.36 — 4" - 0.65 = 4.5 One (1) Casing Volume

Water Column Height (feet): 28.14 — 6" - 1.47

Time	Gallons	Flow (GPM)	Temp. (°C / °F)	pH	Conductivity (µmhos/cm)	Turbidity (NTUs)	Water Level (ft. BTOC)	Remarks
1625	5	—	21.2	7.27	285x10	>1,000	—	greenish gray, cloudy lots of sugar sand
								↖ 1st bail.

CDM **WELL DEVELOPMENT LOG**

Well No.: AW00 76UB	Site/Location: Former C6 facility		
Client: Boeing	Contractor: WDC		Page 1 of
Date Started: 10-31-07	Time Started: 7:00		Development Rig: (Y / N)
Date Ended: 10-31-07	Time Ended: 1545		Casing Diameter: 2"
Equipment: 2" Grundfos Rediflo	Pre-devel. Static Water Level (feet BTOC): 60.98		
Development Method: Swab, bail, pump	Average discharge rate (gpm):		
Maximum Drawdown During Pumping:	Total Quantity Bailed (gallons): 93		
_____ feet at _____ gpm	Total Quantity Pumped (gallons):		
	Developed By: Kelly Klepinger		

Total Depth of Well (feet): 89.4 — 2" - 0.16

Depth to Water (feet): 60.98 — 4" - 0.65 = 4.5 One (1) Casing Volume

Water Column Height (feet): 28.42 — 6" - 1.47

Time	Gallons	Flow (GPM)	Temp. (°C / °F)	pH	Conductivity (µmhos/cm)	Turbidity (NTUs)	Water Level (ft. BTOC)	Remarks odor silt
810	1	–	19.2	7.31	280x10	71,000	–	1st bail sugar sand muddy, greyish green
927	18	–	22.7	7.16	290x10	71,000	–	odor "
1105	35	–	24.2	7.17	340x10	71,000	–	"
1245	55	–	24.2	7.18	340x10	71,000	–	"
1320	60	–	24.3	7.01	280x10	71,000	–	"
1350	~~65~~ 70	–	23.8	7.02	320x10	71,000	–	"
1530	93	–	21.7	7.05	32x10	71,000	–	"

CDM **WELL DEVELOPMENT LOG**

APPENDIX D

Appendix D

IDW Laboratory Report

AVOCET
ENVIRONMENTAL, INC.

November 05, 2007

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 095117

Sibel Tekce
CDM
111 Academy, Ste 150
Irvine, CA 92617
TEL: (949) 930-9821
FAX: (949) 752-3790

RE: Boeing, 5000-55353

Attention: Sibel Tekce

Enclosed are the results for sample(s) received on November 02, 2007 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

for Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *05-Nov-07*

CLIENT: CDM
Project: Boeing, 5000-55353
Lab Order: 095117
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
095117-001A	2622EA-S1-110207	Water	11/2/2007 3:00:00 PM	11/2/2007	11/5/2007

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *05-Nov-07*

CLIENT: CDM
Lab Order: 095117
Project: Boeing, 5000-55353
Lab ID: 095117-001A

Client Sample ID: 2622EA-S1-110207
Collection Date: 11/2/2007 3:00:00 PM
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS5_071104A	QC Batch:	T07VW284			PrepDate:	Analyst: **ML**
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,1,1-Trichloroethane	5.2	0.50		µg/L	1	11/4/2007 06:49 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,1,2-Trichloroethane	3.3	0.50		µg/L	1	11/4/2007 06:49 PM
1,1-Dichloroethane	20	0.50		µg/L	1	11/4/2007 06:49 PM
1,1-Dichloroethene	540	10		µg/L	20	11/5/2007 12:31 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,2-Dibromo-3-chloropropane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,2-Dichloroethane	4.4	0.50		µg/L	1	11/4/2007 06:49 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
2-Chlorotoluene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
4-Chlorotoluene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Benzene	6.3	0.50		µg/L	1	11/4/2007 06:49 PM
Bromobenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Bromodichloromethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Bromoform	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Bromomethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Carbon tetrachloride	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Chlorobenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Chloroethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Chloroform	1.9	0.50		µg/L	1	11/4/2007 06:49 PM
Chloromethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
cis-1,2-Dichloroethene	230	10		µg/L	20	11/5/2007 12:31 PM

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- E Value above quantitation range
- ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *05-Nov-07*

CLIENT: CDM
Lab Order: 095117
Project: Boeing, 5000-55353
Lab ID: 095117-001A

Client Sample ID: 2622EA-S1-110207
Collection Date: 11/2/2007 3:00:00 PM
Matrix: WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS5_071104A	QC Batch:	T07VW284			PrepDate:	Analyst: **ML**
cis-1,3-Dichloropropene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Dibromochloromethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Dibromomethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Ethylbenzene	0.53	0.50		µg/L	1	11/4/2007 06:49 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Isopropylbenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
m,p-Xylene	1.7	1.0		µg/L	1	11/4/2007 06:49 PM
Methylene chloride	ND	1.0		µg/L	1	11/4/2007 06:49 PM
n-Butylbenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
n-Propylbenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Naphthalene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
o-Xylene	1.3	0.50		µg/L	1	11/4/2007 06:49 PM
sec-Butylbenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Styrene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
tert-Butylbenzene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Tetrachloroethene	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Toluene	640	10		µg/L	20	11/5/2007 12:31 PM
trans-1,2-Dichloroethene	15	0.50		µg/L	1	11/4/2007 06:49 PM
Trichloroethene	210	10		µg/L	20	11/5/2007 12:31 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	11/4/2007 06:49 PM
Vinyl chloride	81	0.50		µg/L	1	11/4/2007 06:49 PM
Surr: 1,2-Dichloroethane-d4	105	66-122		%REC	1	11/4/2007 06:49 PM
Surr: 4-Bromofluorobenzene	101	73-121		%REC	1	11/4/2007 06:49 PM
Surr: Dibromofluoromethane	103	71-116		%REC	1	11/4/2007 06:49 PM
Surr: Toluene-d8	104	76-117		%REC	1	11/4/2007 06:49 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *05-Nov-07*

CLIENT: CDM
Work Order: 095117
Project: Boeing, 5000-55353

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: T110407MB2MSD SampType: MSD TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86765
Client ID: ZZZZZZ Batch ID: T07VW284 TestNo: EPA 8260B Analysis Date: 11/4/2007 SeqNo: 1322211

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.260	0.50	20.00	0	101	85	130	21.93	7.92	20	
Benzene	21.270	0.50	20.00	0	106	87	116	21.97	3.24	20	
Chlorobenzene	19.850	0.50	20.00	0	99.2	84	118	20.44	2.93	20	
Toluene	20.390	0.50	20.00	0	102	86	119	21.08	3.33	20	
Trichloroethene	20.410	0.50	20.00	0	102	85	117	21.71	6.17	20	
Surr: 1,2-Dichloroethane-d4	26.890		25.00		108	66	122		0	20	
Surr: 4-Bromofluorobenzene	25.400		25.00		102	73	121		0	20	
Surr: Dibromofluoromethane	26.530		25.00		106	71	116		0	20	
Surr: Toluene-d8	26.830		25.00		107	76	117		0	20	

Sample ID: T110407LCS1 SampType: LCS TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86765
Client ID: LCSW Batch ID: T07VW284 TestNo: EPA 8260B Analysis Date: 11/4/2007 SeqNo: 1322212

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.900	0.50	20.00	0	99.5	85	130				
Benzene	20.750	0.50	20.00	0	104	87	116				
Chlorobenzene	19.320	0.50	20.00	0	96.6	84	118				
MTBE	22.940	0.50	20.00	0	115	79	125				
Toluene	19.890	0.50	20.00	0	99.4	86	119				
Trichloroethene	20.000	0.50	20.00	0	100	85	117				
Surr: 1,2-Dichloroethane-d4	26.750		25.00		107	66	122				
Surr: 4-Bromofluorobenzene	25.920		25.00		104	73	121				
Surr: Dibromofluoromethane	26.400		25.00		106	71	116				
Surr: Toluene-d8	26.910		25.00		108	76	117				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

BOE-C6-0187850

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: CDM
Work Order: 095117
Project: Boeing, 5000-55353

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: T110407MB2MS | SampType: MS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 86765
Client ID: ZZZZZZ | Batch ID: T07VW284 | TestNo: EPA 8260B | Analysis Date: 11/4/2007 | SeqNo: 1322213

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.930	0.50	20.00	0	110	85	130				
Benzene	21.970	0.50	20.00	0	110	87	116				
Chlorobenzene	20.440	0.50	20.00	0	102	84	118				
Toluene	21.080	0.50	20.00	0	105	86	119				
Trichloroethene	21.710	0.50	20.00	0	109	85	117				
Surr: 1,2-Dichloroethane-d4	26.760		25.00		107	66	122				
Surr: 4-Bromofluorobenzene	25.570		25.00		102	73	121				
Surr: Dibromofluoromethane	26.550		25.00		106	71	116				
Surr: Toluene-d8	26.500		25.00		106	76	117				

Sample ID: T110407MB2 | SampType: MBLK | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 86765
Client ID: PBW | Batch ID: T07VW284 | TestNo: EPA 8260B | Analysis Date: 11/4/2007 | SeqNo: 1322214

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

BOE-C6-0187851

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: CDM
Work Order: 095117
Project: Boeing, 5000-55353

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: T110407MB2 SampType: MBLK TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86765
Client ID: PBW Batch ID: T07VW284 TestNo: EPA 8260B Analysis Date: 11/4/2007 SeqNo: 1322214

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: CDM
Work Order: 095117
Project: Boeing, 5000-55353

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **T110407MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **86766**
Client ID: **PBW** Batch ID: **T07VW284** TestNo: **EPA 8260B** Analysis Date: **11/4/2007** SeqNo: **1322214**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	26.290		25.00		105	66	122				
Surr: 4-Bromofluorobenzene	25.220		25.00		101	73	121				
Surr: Dibromofluoromethane	25.690		25.00		103	71	116				
Surr: Toluene-d8	26.290		25.00		105	76	117				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

BOE-C6-0187853

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: CDM
Work Order: 095117
Project: Boeing, 5000-55353

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: T110507LC1 SampType: LCS TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86775
Client ID: LCSW Batch ID: T07VW286 TestNo: EPA 8260B Analysis Date: 11/5/2007 SeqNo: 1322240

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.680	0.50	20.00	0	103	85	130				
Benzene	21.090	0.50	20.00	0	105	87	116				
Chlorobenzene	20.390	0.50	20.00	0	102	84	118				
MTBE	19.270	0.50	20.00	0	96.4	79	125				
Toluene	20.650	0.50	20.00	0	103	86	119				
Trichloroethene	20.740	0.50	20.00	0	104	85	117				
Surr: 1,2-Dichloroethane-d4	21.640		25.00		86.6	66	122				
Surr: 4-Bromofluorobenzene	23.480		25.00		93.9	73	121				
Surr: Dibromofluoromethane	21.430		25.00		85.7	71	116				
Surr: Toluene-d8	23.860		25.00		95.4	76	117				

Sample ID: T110507MB2MS SampType: MS TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86775
Client ID: ZZZZZZ Batch ID: T07VW286 TestNo: EPA 8260B Analysis Date: 11/5/2007 SeqNo: 1322241

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.060	0.50	20.00	0	100	85	130				
Benzene	21.230	0.50	20.00	0	106	87	116				
Chlorobenzene	21.050	0.50	20.00	0	105	84	118				
Toluene	20.810	0.50	20.00	0	104	86	119				
Trichloroethene	20.750	0.50	20.00	0	104	85	117				
Surr: 1,2-Dichloroethane-d4	21.800		25.00		87.2	66	122				
Surr: 4-Bromofluorobenzene	23.560		25.00		94.2	73	121				
Surr: Dibromofluoromethane	22.080		25.00		88.3	71	116				
Surr: Toluene-d8	24.370		25.00		97.5	76	117				

Sample ID: T110507MB2MSD SampType: MSD TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86775
Client ID: ZZZZZZ Batch ID: T07VW286 TestNo: EPA 8260B Analysis Date: 11/5/2007 SeqNo: 1322242

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.640	0.50	20.00	0	103	85	130	20.06	2.85	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

BOE-C6-0187854

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: CDM
Work Order: 095117
Project: Boeing, 5000-55353

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: T110507MB2MSD SampType: MSD TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86775
Client ID: ZZZZZZ Batch ID: T07VW286 TestNo: EPA 8260B Analysis Date: 11/5/2007 SeqNo: 1322242

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	21.580	0.50	20.00	0	108	87	116	21.23	1.64	20	
Chlorobenzene	20.760	0.50	20.00	0	104	84	118	21.05	1.39	20	
Toluene	20.960	0.50	20.00	0	105	86	119	20.81	0.718	20	
Trichloroethene	20.970	0.50	20.00	0	105	85	117	20.75	1.05	20	
Surr: 1,2-Dichloroethane-d4	21.560		25.00		86.2	66	122		0	20	
Surr: 4-Bromofluorobenzene	23.090		25.00		92.4	73	121		0	20	
Surr: Dibromofluoromethane	21.860		25.00		87.4	71	116		0	20	
Surr: Toluene-d8	23.850		25.00		95.4	76	117		0	20	

Sample ID: T110507MB2 SampType: MBLK TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86775
Client ID: PBW Batch ID: T07VW286 TestNo: EPA 8260B Analysis Date: 11/5/2007 SeqNo: 1322243

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									

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BOE-C6-0187855

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: CDM
Work Order: 095117
Project: Boeing, 5000-55353

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: T110507MB2 SampType: MBLK TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86775
Client ID: PBW Batch ID: T07VW286 TestNo: EPA 8260B Analysis Date: 11/5/2007 SeqNo: 1322243

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									

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Advanced Technology Laboratories
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CLIENT: CDM
Work Order: 095117
Project: Boeing, 5000-55353

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: T110507MB2 SampType: MBLK TestCode: 8260_WP_LL Units: µg/L Prep Date: RunNo: 86775
Client ID: PBW Batch ID: T07VW286 TestNo: EPA 8260B Analysis Date: 11/5/2007 SeqNo: 1322243

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	21.520		25.00		86.1	66	122				
Surr: 4-Bromofluorobenzene	23.490		25.00		94.0	73	121				
Surr: Dibromofluoromethane	21.900		25.00		87.6	71	116				
Surr: Toluene-d8	24.530		25.00		98.1	76	117				

Qualifiers:

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BOE-C6-0187857

CHAIN OF CUSTODY RECORD

Pg ____ of ____

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: ____

Logged By: ____ Date: 11/2/07

Method of Transport: Client ☑ ATL ☐ CA OverN ☐ FEDEX ☐ Other: ____

Sample Condition Upon Receipt: 2.8
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: CDM
Attn:
Address: 111 Academy
City Irvine State CA Zip Code 92617
TEL: ( )
FAX: ( )

Project Name: Boeing Project #: 5000-55353 Sampler: (Printed Name) Kelly Klepinger (Signature) Kelly H. Kl

Relinquished by: (Signature and Printed Name) Kelly H. Kl Date: 11/2/07 Time: 1655 Received by: (Signature and Printed Name) [illegible] Date: 11/2/07 Time: 1655

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Kelly H. Klepinger 11/2/07 (Print Name, Date)
Kelly H. Kl (Signature)

Send Report To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Bill To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Special Instructions/Comments:

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / 8020 (BTEX)	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	095117-001	2622EA-S1-110207	11/2	1500			X								X			A	3	W		
	↓ 2	2622EA-S2-110207	↓	1505											X							HOLD

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ Logcode ____ OTHER ____

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

BOE-C6-0187858