Boeing Plant 2
Seattle/Tukwila, Washington

Uplands Corrective Measures Study
Volume VIb: 2-40s Area

Data Gap Investigation Report

Part 1 of 3

Prepared for
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Data Gap Investigation Report Submitted
December 2009

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List of Abbreviations/Acronyms

Abbreviation/Acronym	Definition
AOC	Area of Concern
bgs	Below ground surface
Boeing	The Boeing Company
CFR	Code of Federal Regulations
CMS	Corrective Measures Study
COC	Constituents of concern
cPAH	Carcinogenic polycyclic aromatic hydrocarbons
DDC	Density driven convection
DO	Dissolved oxygen
DRPH	Diesel-range petroleum hydrocarbons
DSOA	Duwamish Sediment Other Area
Ecology	Washington State Department of Ecology
EPA	United States Environmental Protection Agency
EPI	Environmental Partners, Inc.
GRPH	Gasoline-range petroleum hydrocarbons
IM	Interim measure
mg/kg	Milligrams per kilogram
MoRPH	Motor oil range petroleum hydrocarbons
NAD	North American Datum
NGVD	National Geodetic Vertical Datum (1929)
NTU	Nephelometric turbidity unit
OA	Other Area
Order	Administrative Order on Consent
ORP	Oxidation-reduction potential
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyls
RCRA	Resource Conservation and Recovery Act

Abbreviation/Acronym	Definition
RFI	RCRA Facility Investigation
RL	Reporting Limit
SIM	Selected ion monitoring
SL	Screening Level
SVOC	Semivolatile organic compounds
SWMU	Solid Waste Management Unit
TPH	Total petroleum hydrocarbons
TSDF	Treatment Storage and Disposal Facility
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
UST	Underground storage tank
VOC	Volatile organic compounds
WAC	Washington Administrative Code
Work Plan	2-40s Area, Data Gap Investigation Work Plan

Foreword

This report presents the comprehensive data set for the 2-40s Area of Boeing Plant 2 including the results of the data gap investigation. The need for this investigative work was identified by The Boeing Company (Boeing) during the preparation of the Uplands Corrective Measures Study (CMS) (Uplands CMS) after the completion of the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI). The RFI used a RCRA unit-by-unit approach to investigate the site when corrective measures were being evaluated for groundwater. This approach was inadequate for remedy selection due to the more integrated nature of groundwater contaminant distributions. Boeing, with the concurrence of the United States Environmental Protection Agency (EPA), has embarked on a series of focused investigations to enable the Uplands CMS to proceed.

EPA clarified the structure of the CMS data gap investigation/CMS process in their May 2, 2006 letter to Boeing. To complete the CMS process, Boeing and EPA agreed to the contents of each volume and that the CMS report be structured as follows.

Volume I – Uplands CMS Conceptual Hydrogeologic Model

Volume II, Section 1 – Uplands CMS Target Media Cleanup Levels

Volume II, Section 2 – Uplands CMS Johnson and Ettinger Site Specific Data Model Report

Volume II, Section 3 – Background Technical Memorandum

Volume III through IX – Uplands CMS Data Gap Reports (one for each of the seven Plant 2 Areas) Volumes III through IX are to be composed of three parts:

Section A – Uplands CMS Data Gap Work Plan

Section B – Uplands CMS Comprehensive Data Report

Section C – Uplands CMS Alternatives Report

Volume X – Comprehensive Uplands CMS Report

This comprehensive data report comprises Volume VIb of the CMS, which covers the 2-40s Area at Boeing Plant 2. Boeing and EPA have agreed that this report will "contain the results from the data gap investigation and all other historical data that were used to identify the data gaps investigated in the work plans". However, as dictated by EPA in the April 19, 2006 Uplands Data Gap meeting with Boeing "analysis will be limited to interpolation or extrapolation, not interpretation, of the data".

The work plans, data reports, and the CMS are being performed under the Administrative Order on Consent (Order) issued by the EPA to Boeing under the authority of Section 3008(h) of the RCRA of 1976, as amended, (42 USC 6928(h)). This Order (RCRA Docket Number 1092-01-22-3008(h)) became effective on January 18, 1994. The Order specifies activities necessary to correct actual or potential threats to human health and the environment resulting

from the release or potential release of hazardous constituents from the Boeing Plant 2 facility located at 7755 East Marginal Way South, Seattle/Tukwila, Washington.

1.0 Data Gap Investigation Report

1.1 INTRODUCTION

Section 1 summarizes field work and laboratory analysis of groundwater and soil samples, which were performed to fill 2-40s Area data gaps identified in Section 2 of the Data Gap Work Plan, Volume VI(a) of the CMS (Work Plan) (EPI et al., 2008). This report is divided into six subsections, as described below:

- Section 1.1: Introduction – Summarizes the contents of this report, the process used to evaluate analysis results, and describes how the data will be used in the CMS.
- Section 2.0: Summary of Work Performed – Summarizes field tasks and notes modifications from Work Plan Section 3.
- Section 3.0: Groundwater Analytical Findings/Results – Presents analytical results for groundwater samples obtained as part of the data gap investigation. Data tables and isoconcentration maps for 2-40s Area constituents of concern (COCs) accompany this section.
- Section 4.0: Groundwater Hydrogeologic Findings/Results – Identifies where previous conducted work sufficiently determined the net groundwater gradient and flow direction in the 2-40s Area.
- Section 5.0: Soil Analysis Results – Presents analytical results for soil samples obtained as part of the data gap investigation. Data tables for 2-40s Area COCs accompany this section.
- Section 6.0: Sediment Analysis Results - Presents analytical results for sediment samples obtained from the waterway side of the 2-40s in conjunction with the data gap investigation. Data tables for these sediment samples accompany this section.
- Section 7.0: Geologic Findings/Results – Presents results of the geologic information recorded during the investigation.

1.1.1 Identification of Constituents of Concern

The 2-40s Area COCs for both groundwater and soil were re-evaluated using the methodology presented in Volume II of the CMS. This methodology was applied to the current data from the 2-40s Area data gap investigation. A 2-40s Area COC for groundwater or soil is defined as any constituent detected at concentrations greater than the lowest screening level. Screening levels for groundwater and soil are provided in Attachments E and F, Tables E-1 and F-1, respectively.

1.1.2 Data Gap Analysis Approach and Summary

As presented in Section 2.1 of the Work Plan, the data gap analysis process is focused on those data gaps that must be filled to proceed with the corrective measure analysis in the

remainder of the CMS. Uncertainties in contaminant extent alone are not considered to be a data gap unless the information is required to select or conceptually design a corrective measure for a RCRA unit or remediation action area. That is, this information is intended to allow for remedy selection and conceptual design in the CMS, and to support the Statement of Basis for the decision. Further information might be necessary for planning a specific remedy in a specific area for final design or for performance monitoring purposes during the corrective measures implementation. For the groundwater data gap investigation, results are evaluated on an area-wide basis as opposed to the unit-by-unit approach applied historically to groundwater and soil and currently (for soil) at Plant 2. The unit-by-unit analysis approach was inadequate for remedy selection due to the more integrated nature of groundwater contaminant distributions. For soil, the unit-by-unit analysis approach has continued to be applied during data gap analysis.

1.1.2.1 Data Gap Analysis Approach

During work plan development, data gaps were identified by considering the following CMS questions:

- **Physical Conceptual Site Model:** Is there any area-specific information that is needed to support the physical conceptual site model?
    - **Geologic Data:** Is additional geologic information needed in order to screen or conceptually design remedies?
    - **Hydrogeologic Data:** Is additional hydrogeologic information needed to screen or conceptually design groundwater remedies?
- **Current Data:** Are the existing groundwater data sufficiently current to allow for the identification of existing groundwater plumes, a designation of their current extent, and evaluation of whether they are likely to grow, remain steady, or reduce over time? Finally, are there sufficient nature and extent data to screen and conceptually design groundwater remedies?
- **Source Control:** Does sufficient information exist to select source control remedies?
    - **Hot Spots:** Are RCRA units characterized in sufficient detail to select and conceptually design source control remedies?
    - **New Sources:** Have areas of contamination been identified outside of existing RCRA units that need further definition in order to select and conceptually design source control remedies, and to assign RCRA unit designation, if appropriate?
- **Completed Pathways:** Do sufficient data exist at specific units to determine whether a specific pathway from one media to another is complete? Complete means that the pathway has the potential to impact the affected media above screening levels.

  - What are the physical properties governing transport/migration of the constituent through the subsurface? What is its relative distance from the waterway?
  - Are any other constituents present that might facilitate the migration of the constituent? For example, total petroleum hydrocarbons (TPH) and other solvents can affect the solubility of polychlorinated biphenyls (PCBs) and facilitate their transport through soil and groundwater.
  - **Soil to Groundwater Pathway:** Are COCs present in soil that impact groundwater above screening levels? Is there corroborating data indicating that groundwater has not been impacted at the location?
  - **Groundwater to Surface Water Pathway:** Are COCs present in groundwater that reaches surface water at concentrations that are above screening levels?

- **Background Data:** Is sufficient information available to set background concentrations for metals in groundwater or soil for remedy selection and planning?
- **Exceedance of Screening Levels by Analytical Reporting Limits:** For the analytical results reported as not detected ("U" qualified) for the individual COCs, do the reporting limits (RLs) exceed the screening levels (SLs)? For constituents where RLs for non-detects ("U" qualified results) exceeded the SLs, the following questions were considered on a case-by-case basis to determine whether the circumstances present a data gap for CMS purposes.
  - Is the RL sufficiently close to the SL so that soil or groundwater impacts for that COC can be adequately delineated and quantified for CMS purposes? Note that RLs for Total PCBs might be biased high due to the practice of using the maximum individual reported Aroclor RL for the Total PCBs RL.
  - Are there additional data from adjacent locations or subsequent samples from the same location supporting either the presence or absence of the constituent in the groundwater or soil?
  - Are there other analytical results associated with the sample that render further consideration unnecessary? For example, Aroclor 1260 in soil is reported as not detected at an elevated RL (>33 µg/kg), but Aroclor 1254 is detected at a concentration above the screening level in the same sample. The elevated RL for Aroclor 1260 does not result in a data gap for PCBs because Aroclor 1260 was detected in the sample and the PCB result will be above the screening level.

1.1.2.2 Data Gap Investigation Summary

The following points summarize the data gap investigation evaluation results:

- **Physical Conceptual Site Model for the 2-40s Area:** Sufficient data exist to characterize groundwater elevations and groundwater flow direction in the 2-40s Area.
- **Current Data:** The lack of current groundwater data was identified as a data gap in the Work Plan. Sufficient current groundwater data were obtained for further evaluation of groundwater COCs, and subsequent remedy selection in the CMS with the completion of the field work and are summarized in this report. Details on the results are provided in Section 3.0 of this report.
- **Source Control:** Some data gaps related to the potential presence of new sources in soil were identified in the Work Plan. Sufficient current soil data were obtained to evaluate this data gap, and no new sources have been identified with the completion of the field work and are summarized in this report. Details on the results of this evaluation are in Section 5.0 of this report.
- **Completed Pathways:** Some data gaps related to contaminant transport via the soil to groundwater pathway were identified in the Work Plan. Sufficient data have been obtained to evaluate this data gap with the completion of the field work summarized in this report. Details on the results of this evaluation are provided in Sections 3.0 and 5.0 of this report.
- **Background Data:** This data gap has been filled with the use of the natural background concentrations for metals established for the Puget Sound Basin (Ecology, 1994) for the evaluation of soil results and the use of EPA-accepted site-specific background values for arsenic, copper, and manganese in groundwater. The determination of site-specific background values for these metals in groundwater is documented in a technical memorandum titled *Development and Use of Background Values* (EPI et. al. 2006).
- **Exceedance of Screening Levels by Analytical Reporting Limits:** Some data gaps related to RLs exceeding SLs were identified in the Work Plan. Sufficient data have been obtained to evaluate this data gap with the completion of the field work summarized in this report. However, with respect to RL issues, it is significant to note that silver RLs generally ranged between 0.3 and 0.4 milligrams per kilogram (mg/kg) in soil. The 0.4 mg/kg RL slightly exceeded the SL (0.323 mg/kg) in some (approximately 23 percent) of the data gap soil samples. The majority of the samples with elevated RLs were identified in 9 to 10 foot interval samples. The slightly elevated RLs are due to the variance in the percent solids in the samples analyzed, which impact the corresponding RLs. Because there are sufficient supporting data (77 percent of silver data for soil meet the SL, plus groundwater data) the small percentage of data with elevated RLs for silver do not materially limit our evaluation of the distribution and concentration of silver in soil within the 2-40s Area.

1.1.3 Data Use

Data collected as part of the 2-40s Area data gap investigation will be applied to future remedy selection in the CMS Volume VIc.

2.0 Summary of Work Performed

This section summarizes investigation methods that were used for sampling groundwater and soil in the 2-40s Area to fill the data gaps identified in Section 2 of the Work Plan. As identified in the Work Plan Section 3, the following field activities were completed as part of the 2-40s Area data gap investigation:

- Installation of 17 groundwater monitoring wells located throughout the 2-40s Area, as indicated on Figure 2-1.
- Installation of 105 direct-push probe (probe) sampling locations positioned adjacent to existing Solid Waste Management Unit (SWMU)/ Area of Concern (AOC)/ Other Area (OA) units located in the 2-40s Area. One probe sample location was placed on the waterway side of the 2-40s Area bulkhead wall to address groundwater data gaps. In addition to groundwater, three sediment samples were collected at this location.
- Groundwater sampling of all 16 existing monitoring wells, all 17 new monitoring wells, and all 105 probe installations in the 2-40s Area
- Soil sampling at three levels in the vadose zone (0 to 1, 4 to 5, and 9 to 10 feet below ground surface [bgs]) at all locations where new wells or probes are installed as part of the 2-40s Area data gap investigation.
- Surveying all new monitoring wells and probe locations in the 2-40s Area using standard land surveying techniques.

During the performance of the field tasks four minor deviations from the work plan occurred. The deviations are presented on Table 2-1a. The deviations from the work plan were communicated in a timely manner to EPA via email as they arose in the field. Prior to performing planned tasks, several modifications needed to be made to accommodate site-specific field conditions and an expanded scope of work. Modifications to the work plan are provided in Table 2-1b. The original work plan for the 2-40s Area is presented in CMS Volume VI(a). Documentation of field activities is provided in Attachment H.

2.1 MONITORING WELL INSTALLATION

Seventeen new monitoring wells were installed in the 2-40s Area to address specific groundwater data gaps as identified in the 2-40s Area Data Gap Investigation Work Plan. Fourteen of the monitoring wells were B and C level wells installed next to existing A level wells to create completed 3-level monitoring well clusters. Three of the new wells are co-located A, B, and C level wells installed to create a 3-level monitoring well cluster in the upgradient southeast corner of the 2-40s Area. The 17 new monitoring wells are:

- PL2-420B and PL2-420C were installed near existing monitoring well PL2-420A to complete a 3-level cluster well location immediately upgradient of AOC 2-41.29 (TCE Degreaser) and near the downgradient end of the EMF plume.

- PL2-425B and PL2-425C were installed near existing monitoring well PL2-425A to complete a 3-level cluster well location at an area where chlorinated VOCs have been detected at concentrations greater than their respective screening levels.
- PL2-435B and PL2-435C were installed near existing monitoring well PL2-435A to complete a 3-level cluster well location near the center of the 2-40s Area and within the historical footprint of the EMF plume. PL2-440B and PL2-440C were installed near existing well PL2-440A to complete a cluster well location at the upgradient edge of the Boeing property boundary in the 2-40s Area.
- PL2-441B and PL2-441C were installed near existing monitoring well PL2-441A to complete a 3-level cluster well location at the northeastern corner of the upgradient end of the Boeing property boundary in the 2-40s Area.
- PL2-442B and PL2-442C were installed near existing monitoring well PL2-442A to complete a 3-level cluster well location upgradient of AOC 2-41.29 (TCE Degreaser). This location is farther upgradient than the PL2-420 well cluster noted in a previous bullet.
- PL2-443B and PL2-443C were installed near existing monitoring well PL2-443A to complete a 3-level cluster well location at SWMU 2-41.36 (Underflow Flume).
- PL2-608A, PL2-608B, and PL2-608C were installed near former Building 2-45 to provide a completed 3-level cluster well location at the upgradient southeastern corner of the 2-40s Area.

Some monitoring well locations were adjusted slightly from the proposed locations presented in Section 3 of the work plan to avoid drilling into underground utilities or foundation footings. These modifications are noted in Table 2-1. Both the proposed and the adjusted final monitoring well locations are shown in Figure 2-1.

Some of the direct-push probe sampling locations were sampled for groundwater at multiple levels using two or more co-located cores as starting points. This process was implemented to reduce the potential for contaminant drag-down and cross contamination when sampling through the historical footprint of the EMF plume. These co-located cores are within several feet of each other and are shown as one point for each sample number in Figure 2-1.

Boreholes for the 17 new monitoring wells were drilled using standard hollow-stem-auger (HSA) drilling techniques. During drilling, vadose zone soil was sampled for laboratory analysis at three intervals (0 to 1, 4 to 5, and 9 to 10 ft. bgs) following the soil sampling procedures listed in Section 3 of the 2-40s Area Data Gap Investigation Work Plan.

All new monitoring wells were installed to meet resource protection well construction standards found in WAC 173-160-420, Minimum Standards for Construction and Maintenance of Wells. Well construction dimensions are presented in Table 2-2 and are shown graphically on the geologic logs and as-built diagrams presented in Attachment A. A level well, PL2-608A is screened above and below the water table so that floating product layers can be detected and monitored if present.

2.2 MONITORING WELL DEVELOPMENT

New monitoring wells were developed by the drilling subcontractor using a combination of pumping and surging. Development was completed by continuous pumping at a steady rate using a submersible pump following procedures described in Section 3 of the 2-40s Area Data Gap Investigation Work Plan. All but six wells were developed in accordance with the approved 2-40s Area Data Gap Investigation Work Plan. Low yield conditions at six of the new monitoring well locations produced insufficient water to allow full development per well development criteria in the work plan. When the low yield conditions were identified, Boeing contacted EPA with a request to modify well development criteria for low yield wells. EPA responded with an email dated August 7, 2008 and another on August 8, 2008 approving Boeing's proposal to follow modified well development criteria at wells that produced insufficient water for standard well development.

During well development, the field parameters pH, temperature, conductivity and turbidity were measured and recorded by EPI's onsite engineer. In addition, color changes of development water before, during, and after development were observed and recorded. Field parameter data obtained during well development are presented in Attachment B.

Characterization and disposal of well development water was completed by Boeing. Hazardous wastes are managed per the requirements in "*Dangerous Waste Regulations, Chapter 173-303 WAC*". Wastes are either manifested to a TSDF permitted to accept the material or treated on site in Boeing's Clean Water Act-permitted groundwater treatment system.

TSCA-regulated PCB wastes are managed per the requirements in "*Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions, 40 CFR 761."* TSCA-regulated PCB wastes are shipped to facilities meeting the requirements of 40 CFR 761. There were no TSCA-regulated wastes generated by the 2-40s Area data gap investigation.

2.3 DIRECT-PUSH PROBE INSTALLATION

Soil and groundwater were sampled by direct-push methods at 104 and 105 locations respectively, in the 2-40s Area as part of this data gap investigation. One location, 2-40-DP-44, was sampled for groundwater and sediments. Some direct-push probe locations were adjusted to avoid overhead or subsurface obstacles. These adjustments are noted in Table 2-1. Both the proposed and final direct-push probe locations are shown in Figure 2-1.

Soil samples were collected for laboratory analysis from three intervals in the vadose zone (0 to 1, 4 to 5, and 9 to 10 ft. bgs) at each of the 104 direct-push probe locations. Deeper soils from below the water table were sampled for geologic logging only.

For groundwater sampling, 74 of the probes were driven to a single sampling interval in the A level of the aquifer only, generally to total depth of 14 feet bgs. The remaining 31 probes were driven to deeper intervals in the A, B, and C levels of the aquifer, generally to final depths of approximately 65 feet bgs or shallower at the intervals noted in Section 3.0. Groundwater samples were collected from the 10 to 14 ft. bgs interval at each of the 74 single sample interval

direct-push probe locations. Groundwater samples were also collected from up to five additional (six total) depth intervals at selected locations intended provide vertical profile data to fill data gaps identified in the work plan and to provide data to delineate the EMF plume.

Following sampling, all direct-push probe locations were backfilled with bentonite grout or bentonite chips upon completion of sampling. Surfaces were completed with asphalt or concrete to match the surrounding surface material.

Analytical results for groundwater samples collected from direct-push probe locations are presented in Section 3.0. Soil sample results from probe locations are presented in Section 4.0.

2.4 GROUNDWATER SAMPLING

Groundwater was sampled from 17 new monitoring wells, 16 existing monitoring wells and 105 probe locations to provide current COC concentrations for the 2-40s Area data gap investigation. Groundwater sampling procedures included water level measurements (in wells only), well and probe purging, collection of field parameter data during purging, and sample collection for laboratory analysis.

Prior to sample collection, monitoring wells and probes were purged using a peristaltic pump equipped with new single-use polyethylene tubing. Low-flow purging procedures were used to minimize disturbances, which can increase turbidity, and to minimize field parameter stabilization time and purge volumes. During purging, the field parameters temperature, pH, conductivity, and turbidity were measured and recorded. Once the readings stabilized and purging was complete, oxidation-reduction potential (ORP) and dissolved oxygen (DO) measurements were recorded as part of the field parameter suite. Groundwater samples were then collected in accordance with the low-flow sampling procedures as referenced in the work plan.

To the extent possible, wells and probes were not to be purged to dryness. However, if a well or probe exhibited very slow water level recovery and was purged to dryness, groundwater samples were collected upon sufficient recovery. Sufficient recovery is considered as recovery to at least 80 percent of original static water column prior to purging.

Groundwater samples from probes generally had higher turbidities than samples taken from existing and new monitoring wells and were field-filtered for dissolved metals analysis. Single-use in-line 0.45 micron filters were used to avoid introduction of oxygen into the sample prior to filling the sample bottles. Groundwater samples from monitoring wells included both total (unfiltered) samples and dissolved (filtered) samples for metal analyses.

Analytical results for groundwater samples collected from monitoring well and probe locations are presented in Section 3.0.

2.5 SOIL AND SEDIMENT SAMPLING

Soil samples were collected for laboratory analysis and geologic logging as part of the monitoring well drilling and direct-push sampling tasks. Soil samples obtained for laboratory analysis were collected at three discrete intervals in the vadose zone (0 to 1, 4 to 5, and 9 to 10 ft. bgs) using decontaminated split-spoon samplers equipped with new single-use acetate sample liners. Below the water table (12 ft. bgs) soil samples were obtained at 5 foot intervals for geologic logging purposes only using a decontaminated split-spoon sampler not equipped with sample liners.

Sediment samples were collected for laboratory analysis and geologic logging as part of the direct-push sampling tasks at one location. Sediment samples obtained for laboratory analysis were collected at three discrete intervals (0 to 1, 4 to 5, and 9 to 10 ft. bgs) using decontaminated split-spoon samplers equipped with new single-use clear PVC sample liners.

Analytical results for soil samples collected from boreholes and probe locations are presented in Section 5.0. Analytical results for sediment samples collected from boreholes and probe locations are presented in Section 6.0. Geologic logging data from monitoring well boreholes and probe locations are presented in Attachment A.

2.6 SURVEYING

Surveying was performed as part of the 2-40s Area data gap investigation following the completion of all drilling and probing activities. After installation and sampling, the new groundwater monitoring wells and probe locations were surveyed using standard land surveying methods.

Elevations for all new sampling points associated with the 2-40s Area data gap investigation were surveyed relative to the National Geodetic Vertical Datum 1929 (NGVD 1929) to an accuracy of within 0.01 foot. Horizontal control was surveyed to the North American Datum 1983, 1991 (NAD 83[91]) Washington State North Zone to an accuracy of 0.1 foot.

Survey results for the new monitoring wells and probe locations are summarized in Attachment C.

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3.0 Groundwater Analysis Results

3.1 GROUNDWATER ANALYTICAL FINDINGS/RESULTS

This section presents data gap investigation results for each 2-40s Area groundwater Constituent of Concern (COC) and presents new COCs that were added to the area-specific COC list for the 2-40s Area based on results of the data gap investigation.

Analytical results for all constituents detected in groundwater samples collected as part of the 2-40s Area data gap investigation are summarized in Tables 3-1b and 3-1c. All analytical results, including constituents that were not detected, are presented in Table 3-2b and 3-2c. Tables 3-1a and 3-2a provide explanation for the data qualifiers in the b and c tables. Field parameters associated with final purge volumes at each of the 2-40s Area groundwater sampling locations are summarized in Table 3-3.

Analytical results for the various constituent groups analyzed in the 2-40s Area include data for area-specific COCs, site-wide COCs, and other constituents. If a new (non-COC) constituent or a site-wide (but not area-specific) COC was detected in the 2-40s Area during the data gap investigation it was then compared to its screening level. If the new constituent was detected at a concentration greater than its screening level it was added to the area-specific and site-wide COC lists.

There were no new site-wide COCs added based on 2-40s Area data gap investigation data; however, four (including total PCBs) existing site-wide COCs were added to the 2-40s Area area-specific COC list. The four additional area-specific COCs for the 2-40s Area are:

Polychlorinated Biphenyls (PCBs):

- Aroclor 1254
- Aroclor 1260
- Total PCBs

Semi-volatile Organic Compounds (SVOCs):

- bis(2-Ethylhexyl)phthalate

3.2 INORGANICS

Groundwater samples were collected for inorganics analyses in accordance with Table 2-2 of the 2-40s Area Data Gap Investigation Work Plan. Eleven inorganics were included in the 2-40s Area area-specific groundwater COC list in the 2-40s Area Data Gap Investigation Work Plan. No new site-wide or area-specific inorganic COCs were added as the result of the 2-40s Area data gap investigation.

The 11 area-specific inorganic COCs in groundwater for the 2-40s Area are:

Arsenic	Cadmium	Copper	Cyanide
Lead	Manganese	Mercury	Zinc
Nickel (soluble salts)	Selenium	Thallium	

The inorganics COC data generated by the 2-40s Area data gap investigation are presented in the following sections. Isoconcentration maps were drawn for analytical results for all 11 inorganic COCs using the data gap investigation data. Dissolved results (from field-filtered samples) are predominantly used in the evaluation process for metals rather than total results for the following reasons:

- All probe samples were field filtered and no total results were taken due to high turbidity (> 5 NTU) generally found in probe samples.
- Using filtered samples minimizes the effects of turbidity on sample results. Turbidity can be affected by sampling technique, well construction, and well development, which are independent of actual groundwater quality conditions.
- Screening levels are based on the protection of surface water and surface water standards are based on dissolved constituent levels rather than totals (WAC 173-201A-240 Table 240(3) footnote dd).

The following data summary sections for 2-40s Area inorganic COCs are predominantly based on evaluations of analytical results for dissolved samples. Total sample results are included for context and completeness and are discussed when they differ significantly from dissolved results.

3.2.1 Arsenic

The scope of the data gap investigation for arsenic in groundwater was based on historical information and data contained in the Plant 2 database at the time that the 2-40s Area Data Gap Investigation Work Plan was written. At that time, arsenic was analyzed in 185 2-40s Area groundwater samples and was detected in 152 of those samples. Boeing has established an EPA-approved site-specific background level for arsenic in groundwater of 8.0 μg/L. Sixty-one arsenic concentrations were greater than the background level for arsenic.

A thorough discussion of the historical arsenic results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. A table of historic arsenic data is presented in Attachment D.

During the 2-40s Area data gap investigation, dissolved arsenic was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Dissolved arsenic was detected in 155 of the samples analyzed. Fifty-two dissolved arsenic sample results were at concentrations greater than the background level of 8.0 μg/L. Total arsenic was

sampled in 33 wells and detected in 25 of those samples. Five of the total arsenic sample results were at concentrations greater than the background level of 8.0 μg/L; however, three of those five samples also had turbidity measurements higher than 5 NTU (ranging from 6.56 NTU to 9.93 NTU) and may be biased high. Arsenic data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for dissolved arsenic in the A, B, and C levels of the aquifer is presented in Attachment E. Areas where groundwater samples were at concentrations greater than the background level of 8.0 μg/L are highlighted on the map. Both dissolved arsenic and total arsenic data are presented for locations where these data are available; however, the areas of arsenic at concentrations greater than its background level were based on dissolved arsenic results only.

Dissolved arsenic was not detected at concentrations greater than its background-adjusted screening level in the B and C levels of the aquifer. The arsenic concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas currently at concentrations greater than the arsenic background level. Cross-sectional views of arsenic concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data gap investigation analytical results for dissolved arsenic in groundwater range from 0.3 μg/L to 61.5 μg/L. The greatest dissolved arsenic concentration was in a sample from the A level in probe 2-40-DP-93, located at SWMU 2-41.33 (Deactivated Anodic Tank Line). Total arsenic results for the data gap investigation range from 0.4 μg/L to 36.1 μg/L. The greatest total arsenic concentration was noted in the sample from well PL2-430A, located downgradient of SWMU 2-41.33, (Deactivated Anodic Tank Line). This sample had a measured turbidity of 3.69 NTU, which is acceptable per the turbidity criterion in the work plan.

3.2.2 Cadmium

The scope of the data gap investigation for cadmium in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, cadmium was analyzed in 185 2-40s Area groundwater samples and was detected in six of those samples. One of the six historical cadmium detections was greater than the screening level for protection of surface water of 8.8 μg/L.

A thorough discussion of the historical cadmium results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. A table of historical cadmium data is presented in Attachment D.

During the 2-40s Area data gap investigation dissolved cadmium was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Dissolved cadmium was detected in five of the samples analyzed. Total cadmium was detected in two of the 33 samples analyzed for total cadmium. None of the five dissolved or two total cadmium

sample results was at a concentration greater than the screening level of 8.8 μg/L. Cadmium data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for cadmium in the A, B, and C levels of the aquifer is presented in Attachment E. The cadmium concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation. Cross-sectional views of dissolved cadmium concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data gap investigation analytical results for dissolved cadmium in groundwater range from non-detect at a reporting limit of 0.2 μg/L to 4.6 μg/L. The greatest concentration was in a sample from probe 2-40-DP-70. Total cadmium results range from non-detect at a reporting limit of 0.2 μg/L to detected at a concentration of 3.0 μg/L. The greatest total cadmium concentration was noted in the sample from well PL2-440A. None of the analytical results for cadmium were at a concentration greater than its screening level.

3.2.3 Copper

The scope of the data gap investigation for copper in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, copper was analyzed in 172 2-40s Area groundwater samples and was detected in 71 of those samples. Seven of the 71 historical copper detections were at concentrations greater than the EPA-approved background level of 8.0 μg/L.

A thorough discussion of the historical copper results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. A table of historical copper data is presented in Attachment D.

During the 2-40s Area data gap investigation dissolved copper was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Dissolved copper was detected in 102 of the samples analyzed. Thirteen of the 102 detections for dissolved copper were at concentrations greater than the background level of 8.0 μg/L. Total copper was analyzed in samples from 33 wells and was detected in 21 of those samples. Five total copper sample results were at concentrations greater than the background level; however, all five of these samples had turbidity measurements greater than 5 NTU (ranging from 8.4 NTU to 18.6 NTU) and may be biased high. Copper data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for dissolved copper in the A, B, and C levels of the aquifer is presented in Attachment E. Areas where dissolved copper groundwater samples were at concentrations greater than the copper background level of 8.0 μg/L are highlighted on the map. Both dissolved copper and total copper data are presented for locations where these data are available; however, the areas of copper at concentrations greater than its background level are based on dissolved copper results only.

Dissolved copper was detected in the B level of the aquifer at concentrations greater than its background level in the samples from three probe locations 2-40-DP-37, 2-40-DP-41, and 2-40-DP-44 at concentrations of 10 μg/L, 12 μg/L, and 10 μg/L, respectively. Dissolved copper was detected in the C level of the aquifer at concentrations greater than its background level in the samples from two probe locations, 2-40-DP-40 and 2-40-DP-41, and well location PL2-420C at concentrations of 9.0 μg/L, 13 μg/L, and 9.0 μg/L, respectively.

The copper concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas currently at concentrations greater than the copper screening level. Cross-sectional views of copper concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data gap investigation analytical results for dissolved copper in groundwater range from non-detect at a reporting limit of 0.5 μg/L to detected at a concentration of 43 μg/L. The greatest dissolved copper concentration was in a sample from well PL2-440A located in OA-18, (Building 2-40 East Parking Lot Area). Total copper results from the 2-40s Area data gap investigation range from non-detect at a reporting limit of 0.5 μg/L to detected at a concentration of 41 μg/L. The greatest total copper concentration was in the sample from well PL2-440A. This sample had a measured turbidity of 8.4 NTU, which is greater than the turbidity criterion in the work plan; however, the dissolved and total copper results are relatively consistent for the samples from this well.

3.2.4 Cyanide

The scope of the data gap investigation for cyanide in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, cyanide was analyzed in 81 2-40s Area groundwater samples and was detected in 35 of those samples. Twenty-nine of the 35 historical cyanide detections were greater than the screening level for protection of surface water of 5.0 μg/L.

A thorough discussion of the historical cyanide results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. A table of historical cyanide data is presented in Attachment D.

During the 2-40s Area data gap investigation total and Weak Acid Dissociable (WAD) cyanide were analyzed at 145 selected 2-40s Area groundwater sampling locations. Total cyanide was detected in 45 of the samples analyzed and WAD cyanide was detected in seven of the samples analyzed. All 45 of the detections for total cyanide and all seven of the detections for WAD cyanide were at concentrations greater than the screening level of 5.0 μg/L. Cyanide data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

WAD cyanide is the appropriate form of cyanide for comparison to the cyanide screening level. A map displaying current data gap investigation data for WAD cyanide in the 2-40s Area is presented in Attachment E. The WAD cyanide concentration map also displays historical data

for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas currently at concentrations greater than the cyanide screening level. Cross-sectional views of WAD cyanide concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for WAD cyanide in groundwater range from non-detect at a reporting limit of 5.0 μg/L to detected at 248 μg/L. The greatest WAD cyanide concentration was in the sample from well PL2-440A, located in OA-18, (Building 2-40 East Parking Lot Area). Concentrations of total cyanide in groundwater range from non-detect at a reporting limit of 5.0 μg/L to detected at 500 μg/L. The greatest total cyanide concentration was in the A level sample from probe 2-40-DP-73. Probe 2-40-DP-73 is located near PL2-440A in OA-18, Building 2-40 East Parking Lot Area.

3.2.5 Lead

The scope of the data gap investigation for lead in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, lead was analyzed in 185 2-40s Area groundwater samples and was detected in seven of those samples. One of the seven historical lead detections was at a concentration greater than the screening level for protection of surface water of 8.1 μg/L.

A thorough discussion of the historical lead results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. A table of historical lead data is presented in Attachment D.

During the 2-40s Area data gap investigation dissolved lead was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Dissolved lead was detected in three of the samples analyzed and none of the three detections for dissolved lead were at concentrations greater than the screening level for protection of surface water of 8.1 μg/L. Total lead analyzed in samples from 33 2-40s Area wells and was not detected in any of the samples. Lead data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A map displaying the current data gap investigation data for lead in the 2-40s Area is presented in Attachment E. Both dissolved lead and total lead data are presented for locations where these data are available. The lead concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate areas currently at concentrations greater than the lead screening level. Cross-sectional views of lead concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for dissolved lead in groundwater range from non-detect at a reporting limit of 1.0 μg/L to detected at 2.0 μg/L. The greatest dissolved lead concentration was in the A level samples from probes 2-40-DP-14 and 2-40-DP-46. Probe

2-40-DP-14 is downgradient of OA-7 (Building 2-40 Soil). Probe 2-40-DP-46 is not associated with any specific RCRA unit. Total lead results range from non-detect at a reporting limit of 1.0 μg/L to non-detect at a reporting limit of 10 μg/L. None of the analytical results for dissolved or total lead were at concentrations greater than the lead screening level.

3.2.6 Manganese

The scope of the data gap investigation for manganese in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, manganese was analyzed in 125 2-40s Area groundwater samples and was detected in all 125 of those samples. Ten of the 125 historical manganese detections were at concentrations greater than the EPA-approved background level of 2,000 μg/L.

A thorough discussion of the historical manganese results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. A table of historical manganese data is presented in Attachment D.

During the 2-40s Area data gap investigation dissolved manganese was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Dissolved manganese was detected in 193 of the samples analyzed. Twenty-nine of the dissolved manganese samples were at concentrations greater than the background level of 2,000 μg/L. Total manganese was analyzed in samples from 33 2-40s Area wells and was detected in all 33 samples. Eight of the total manganese sample results were at concentrations greater than the background level; however, six of those eight total manganese samples had turbidity measurements greater than 5 NTU (ranging from 7.98 NTU to 10.85 NTU) and may be biased high. Manganese data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for manganese in the A, B, and C levels of the aquifer is presented in Attachment E. Both dissolved and total manganese data are presented for locations where these data are available; however, the areas of manganese concentrations greater than its background level are based on dissolved manganese results only. The manganese concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas currently at concentrations greater than the manganese background level. Cross-sectional views of manganese concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for dissolved manganese in groundwater range from not detected at a reporting limit of 1.0 μg/L to detected at a concentration of 7,470 μg/L. The greatest dissolved manganese concentration was in the B level sample from probe 2-40-DP-40, located in AOC 2-41.29 (TCE Degreaser). Total manganese results range from 74 μg/L to 4,090 μg/L. The greatest total manganese concentration was in the sample from well PL2-440A, located in OA-18 (Building 2-40 East Parking Lot Area). This sample had a

measured turbidity of 8.4 NTU, which is greater than the turbidity criterion in the work plan; therefore, the analytical results might be biased high.

3.2.7 Mercury

The scope of the data gap investigation for mercury in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, mercury was analyzed in 186 2-40s Area groundwater samples and was detected in 12 of those samples. One of the 12 historical mercury detections was greater than the screening level for the protection of groundwater of 0.025 μg/L. None of the 12 mercury detections were at concentrations greater than the air screening level of 184 μg/L.

A thorough discussion of the historical mercury results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. A table of historical mercury data is presented in Attachment D.

During the 2-40s Area data gap investigation dissolved mercury was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Dissolved mercury was detected in seven of the samples analyzed. Five of the seven detections for dissolved mercury were at concentrations greater than the screening level of 0.025 μg/L. Total mercury was analyzed in 33 samples from 2-40s Area monitoring wells and was detected in a sample from one location. The single total mercury detection, from well PL2-440C, was at a concentration greater than the screening level; however, this sample had a turbidity measurement of 16.26 NTU, which is greater than the 5 NTU criterion and may be biased high. Mercury data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A map displaying the current data gap investigation data for mercury in the 2-40s Area is presented in Attachment E. Both dissolved mercury and total mercury data are presented for locations where these data are available; however, the areas of mercury concentrations greater than its screening level are based on dissolved mercury results only. The mercury concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas currently at concentrations greater than the mercury screening level. Cross-sectional views of mercury concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for dissolved mercury in groundwater range from non-detect at a reporting limit of 0.02 μg/L to detected at 0.137 μg/L. The greatest dissolved mercury concentration was in the A level sample from probe 2-40-DP-14, which is located downgradient of OA-7 (Building 2-40 Soil). Total mercury results range from non-detect at a reporting limit of 0.02 μg/L to detected at a concentration of 0.0285 μg/L. The greatest total mercury concentration was in the sample from well PL2-440C, located in OA-18 (Building 2-40 East Parking Lot Area). This sample had a measured turbidity of 16.26 NTU, which is greater than the turbidity criterion in the work plan; therefore, the analytical results might be biased high.

3.2.8 Nickel

The scope of the data gap investigation for nickel in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, nickel was analyzed in 172 2-40s Area groundwater samples and was detected in 61 of those samples. Nine of the 61 historical nickel detections were at concentrations greater than the screening level for protection of surface water of 8.2 μg/L. A thorough discussion of the historical nickel results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical nickel data are presented in Attachment D.

During the 2-40s Area data gap investigation dissolved nickel was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Analytical results from the 2-40s Area data gap investigation indicate that dissolved nickel was detected in 192 of the samples and was at a concentration greater than the screening level of 8.2 μg/L in 47 of those samples. Total nickel was analyzed in 33 samples from monitoring wells and was detected in 32 of those samples. Six samples had total nickel concentrations greater than the screening level. Nickel data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for nickel in the A, B, and C levels of the aquifer is presented in Attachment E. Both dissolved and total nickel data are presented for locations where these data are available; however, the areas of nickel at concentrations greater than its screening level are based on dissolved nickel results only. The nickel concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas currently at concentrations greater than the nickel screening level. Cross-sectional views of nickel concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for dissolved nickel in groundwater range from not detected at a reporting limit of 0.5 μg/L to detected at a concentration of 213 μg/L. The greatest dissolved nickel concentration was in the sample from well PL2-440A, located in OA-18 (Building 2-40 East Parking Lot Area). Total nickel results range from not detected at a reporting limit of 0.5 μg/L to detected at a concentration of 208 μg/L. The greatest total nickel concentration was also in the sample from well PL2-440A. This sample had a measured turbidity of 8.4 NTU, which is greater than the turbidity criterion in the work plan; however, the dissolved and total nickel results from the PL2-440A sample are relatively consistent.

3.2.9 Selenium

The scope of the data gap investigation for selenium in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, selenium was analyzed in 185 2-40s Area groundwater samples and was detected in six of those samples. One of the six historical selenium detections was at a concentration greater than the screening level for protection of

surface water of 71.0 μg/L. A thorough discussion of the historical selenium results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical selenium data are presented in Attachment D.

During the 2-40s Area data gap investigation dissolved selenium was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Total selenium was analyzed in 33 samples from monitoring wells. Analytical results from the 2-40s Area data gap investigation indicate that dissolved and total selenium were not detected in any of the groundwater samples collected. Selenium data from the 2-40s Area data gap investigation are summarized in Tables 3-1 and 3-2.

A 2-40s Area map displaying current data gap investigation data for selenium in the A, B, and C levels of the aquifer is presented in Attachment E. Both dissolved and total selenium data are presented for locations where these data are available. There are no areas of selenium at concentrations greater than its screening level. The selenium concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation. Cross-sectional views of selenium concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for both dissolved and total selenium in groundwater range from not detected at a reporting limit of 50 μg/L to not detected at a reporting limit of 250 μg/L. Elevated reporting limits in some of the recent selenium data do not significantly limit our understanding of the presence and concentrations of selenium in groundwater in the 2-40s Area and do not constitute a continuing data gap for the reasons noted in the following paragraphs.

Prior to this data gap investigation selenium was sampled in 185 2-40s Area groundwater samples and was detected in six of those samples. Only one of the six historical detections of selenium was at a concentration greater than its screening level of 71 μg/L in C level probe sample GP-04143. Selenium is one of the inorganic constituents that exhibits positive interferences in water samples with a saline matrix and C level groundwater at Plant 2 is known to be saline as confirmed by purge stabilization data presented in Table 2-3.

During the 2-40s Area data gap investigation dissolved selenium was analyzed in 194 samples and total selenium was analyzed in 33 samples for a total of 227 sample results for selenium. Selenium was not detected in any of these 227 samples. Fifty-one of the 227 recent non-detect selenium sample results were at reporting limits greater than the 71 μg/L screening level (34 samples at 100 μg/L and 17 samples at 250 μg/L).

3.2.10 Thallium

The scope of the data gap investigation for thallium in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, thallium was analyzed in 172 2-40s Area groundwater samples and was detected in one of those samples. The single detection of thallium at 1.0 μg/L was at a concentration greater than the screening level for protection of

surface water of 0.47 μg/L. A thorough discussion of the historical thallium results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical thallium data are presented in Attachment D.

During the 2-40s Area data gap investigation dissolved thallium was analyzed in groundwater samples collected at all 2-40s Area sampling locations for a total of 194 results. Total thallium was analyzed in 33 samples from monitoring wells Dissolved and total thallium were not detected in any of the 2-40s Area samples analyzed. Thallium data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for thallium in the A, B, and C levels of the aquifer is presented in Attachment E. Both dissolved and total thallium data are presented for locations where these data are available. The thallium concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation. Cross-sectional views of thallium concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for both dissolved and total thallium in groundwater range from not detected at a reporting limit of 0.2 μg/L to not detected at a reporting limit of 2.0 μg/L. Elevated reporting limits in some of the recent thallium data do not significantly limit our understanding of the presence and concentrations of thallium in groundwater in the 2-40s Area and do not constitute a continuing data gap for the reasons noted in the following paragraphs.

Prior to this data gap investigation thallium was sampled in 172 2-40s Area groundwater samples and was detected in one of those samples at a concentration of 1.0 μg/L, which is greater than its screening level of 0.47 μg/L.

During the 2-40s Area data gap investigation dissolved thallium was analyzed in 194 samples and total thallium was analyzed in 33 samples for a total of 227 sample results for thallium. Thallium was not detected in any of these 227 samples. Fifty-nine of the 227 recent non-detect thallium sample results were at reporting limits greater than the 0.47 μg/L screening level (13 samples at 0.5 μg/L, 18 samples at 1.0 μg/L, and 28 samples at 2.0 μg/L).

3.2.11 Zinc

The scope of the data gap investigation for zinc in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, zinc was analyzed in 172 2-40s Area groundwater samples and was detected in 46 of those samples. Three of the 46 historical zinc detections were greater than the screening level for protection of surface water of 81.0 μg/L. A thorough discussion of the historical zinc results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical zinc data are presented in Attachment D.

During the 2-40s Area data gap investigation dissolved zinc was analyzed in groundwater samples collected at all sampling locations for a total of 194 results. Analytical results from the 2-40s Area data gap investigation indicate that dissolved zinc was detected in 35 samples and was detected at concentrations greater than the screening level of 81.0 μg/L in 11 of those samples. Total zinc was analyzed in 33 samples from monitoring wells and was detected in 10 of those samples. Two samples had total zinc concentrations greater than the screening level. Zinc data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for zinc in the A, B, and C levels of the aquifer is presented in Attachment E. Both dissolved and total zinc data are presented for locations where these data are available; however, the areas of zinc at concentrations greater than its screening level are based on dissolved zinc results only. The zinc concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas currently at greater concentrations than the zinc screening level. Cross-sectional views of zinc concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for dissolved zinc in groundwater range from not detected at a reporting limit of 10 μg/L to detected at a concentration of 2,510 μg/L. The greatest dissolved zinc concentration was in the sample from well PL2-440A located in OA-18 (Building 2-40 East Parking Lot Area). Total zinc results range from not detected at a reporting limit of 10 μg/L to detected at a concentration of 2,490 μg/L. The greatest total zinc concentration was also in the sample from well PL2-440A. This sample had a measured turbidity of 8.4 NTU, which is greater than the turbidity criterion in the work plan; however, the dissolved and total zinc results for the sample from PL2-440A are relatively consistent.

3.3 SEMIVOLATILE CONSTITUENTS AND POLYCHLORINATED BIPHENYLS

Prior to the 2-40s Area data gap investigation Semivolatile Organic Constituents (SVOCs) and Polychlorinated Biphenyls (PCBs) were not detected in the 2-40s Area at concentrations greater than their respective screening levels. Therefore, prior to the data gap investigation, there were no area-specific SVOC or PCB COCs for the 2-40s Area.

Selected groundwater samples were collected and chemical analysis conducted for SVOCs by EPA method 8270C and 8270 with Selective Ion Monitoring (SIM) and for PCBs by EPA Method 8082 to support the soil data gap investigation process. These analyses were performed on groundwater samples collected from selected sampling locations (as noted in Table 2-2) to coordinate with the 2-40s Area data gap investigation for soil.

Based on the data gap investigation analytical results, one SVOC constituent, bis-(2-ethylhexyl)phthalate, was detected at a concentration greater than its screening level and was added as an area-specific COC for the 2-40s Area. Two PCB Aroclors, Arocolor 1254 and Aroclor 1260, were detected at concentrations greater than their screening level in 2-40s Area data gap investigation groundwater data and were added, along with total PCBs, as area-

specific COCs for the 2-40s Area. SVOCs and PCB Aroclors that have been added to the area-specific COCs in groundwater for the 2-40s Area are:

bis(2-ethylhexyl)phthalate	Aroclor 1260
Aroclor 1254	Total PCBs

The SVOC bis(2-ethylhexyl)phthalate and the two PCB Aroclors plus total PCBs were already site-wide COCs. Analytical data generated by the 2-40s Area data gap investigation for the SVOC and PCB constituent groups are presented in the following sections and evaluated to determine if any data gaps remain for the purpose of CMS remedy selection. Total PCBs are not a specific analysis or constituent but rather a summation of the detected PCB Aroclors; therefore total PCBs will not be presented in detail in the following text sections, as the discussion of individual Aroclors are inclusive of PCBs.

3.3.1 bis(2-Ethylhexyl)phthalate

Prior to the data gap investigation bis(2-ethylhexyl)phthalate was not detected at a concentration greater than its screening level for the protection of groundwater of 3.0 μg/L in the 2-40s Area. Therefore, bis(2-ethylhexyl)phthalate was not an area-specific COC for groundwater in the 2-40s Area. Historical bis(2-ethylhexyl)phthalate data are presented in Attachment D.

Because bis(2-ethylhexyl)phthalate was not an area-specific COC for groundwater in the 2-40s Area there were no groundwater data gaps identified for this constituent in the 2-40s Area Data Gap Investigation Work Plan; however, SVOCs, including bis(2-ethylhexyl)phthalate, were analyzed in groundwater samples collected from selected direct-push probe locations and monitoring well locations in the A, B, and C levels of the aquifer for a total of 152 bis(2-ethylhexyl)phthalate results.

bis(2-Ethylhexyl)phthalate data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.2. Analytical results indicate that bis(2-ethylhexyl)phthalate was detected in 24 of the samples analyzed for SVOCs. Nine of the bis(2-ethylhexyl)phthalate detections were at concentrations greater than the screening level for the protection of surface water of 3.0 μg/L. The locations of the nine bis(2-ethylhexyl)phthalate exceedences are widely distributed across the site and occur in all three levels of the aquifer as shown in the bis(2-ethylhexyl)phthalate map in Attachment E.

A 2-40s Area map displaying current data gap investigation data for bis(2-ethylhexyl)phthalate in the A, B, and C levels of the aquifer is presented in Attachment E. The bis(2-ethylhexyl)phthalate concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas with concentrations currently greater than the bis(2-ethylhexyl)phthalate screening level. Cross-sectional views of bis(2-ethylhexyl)phthalate concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for bis(2-ethylhexyl)phthalate in groundwater range from non-detect at a reporting limit of 1.0 μg/L to detected at a concentration of 35 μg/L. The greatest bis(2-ethylhexyl)phthalate concentration was detected in the A level sample from probe 2-40-DP-11, located in OA-18 (Building 2-40 East Parking Lot Area).

3.3.2 Aroclor 1254 (PCBs)

Prior to the data gap investigation Aroclor 1254 was not detected in the 2-40s Area at a concentration greater than its screening level for the protection of groundwater of 0.01 μg/L. Therefore, Aroclor 1254 was not an area-specific COC for groundwater in the 2-40s Area. Historical Aroclor 1254 data are presented in Attachment D.

Because Aroclor 1254 was not an area-specific COC for groundwater in the 2-40s Area there were no groundwater data gaps identified for this constituent in the 2-40s Area Data Gap Investigation Work Plan; however, PCBs, including Aroclor 1254, were analyzed in groundwater samples collected from selected direct-push probe locations and monitoring well locations in the A, B, and C levels of the aquifer for a total of 57 PCB results.

Aroclor 1254 data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c. Analytical results indicate that Aroclor 1254 was detected in one of the 57 samples analyzed for PCBs. The sample in which Aroclor 1254 was detected was from the B level sample at probe 2-40-DP-29, located in SWMU 2-41.31, Machine Pits. This sample had an Aroclor 1254 concentration of 0.018 μg/L, which is greater than its screening level of 0.01 μg/L.

A 2-40s Area map displaying current data gap investigation data for Aroclor 1254 in the A, B, and C levels of the aquifer is presented in Attachment E. The Aroclor 1254 concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas with concentrations currently greater than the Aroclor 1254 screening level. Cross-sectional views of Aroclor 1254 concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for Aroclor 1254 in groundwater range from non-detect at a reporting limit of 0.01 μg/L to detected at a concentration of 0.018 μg/L in the B level sample from probe 2-40-DP-29, located in SWMU 2-41.31 (Machine Pits).

3.3.3 Aroclor 1260 (PCBs)

Prior to the data gap investigation Aroclor 1260 was not detected in the 2-40s Area at a concentration greater than its screening level for the protection of groundwater of 0.01 μg/L. Therefore, Aroclor 1260 was not an area-specific COC for groundwater in the 2-40s Area. Historical Aroclor 1260 data are presented in Attachment D.

Because Aroclor 1260 was not an area-specific COC for groundwater in the 2-40s Area there were no groundwater data gaps identified for this constituent in the 2-40s Area Data Gap

Investigation Work Plan; however, PCBs, including Aroclor 1260, were analyzed in groundwater samples collected from selected direct-push probe locations and monitoring well locations in the A, B, and C levels of the aquifer for a total of 57 PCB results.

Aroclor 1260 data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c. Analytical results indicate that Aroclor 1260 was detected in four of the 57 samples analyzed for PCBs. All four samples in which Aroclor 1260 was detected were at concentrations greater than its screening level of 0.01 μg/L.

A 2-40s Area map displaying current data gap investigation data for Aroclor 1260 in the A, B, and C levels of the aquifer is presented in Attachment E. The Aroclor 1260 concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas with concentrations currently greater than the Aroclor 1260 screening level. Cross-sectional views of Aroclor 1260 concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for Aroclor 1260 in groundwater range from non-detect at a reporting limit of 0.01 μg/L to detected at a concentration of 0.025 μg/L. The greatest Aroclor 1260 detection was in the A level sample from probe 2-40-DP-93, located in SWMU 2-41.33 (Deactivated Anodic Tank Line).

3.4 VOLATILE ORGANIC COMPOUNDS

Groundwater samples were collected and chemical analysis conducted for volatile organic compounds (VOCs) by EPA method 8260B. These analyses were performed on groundwater samples collected from all 2-40s Area sampling locations (as noted in Table 2-2) in association with the 2-40s Area Data Gap Investigation Work Plan. There were five VOCs that were identified as area-specific COCs in groundwater for the 2-40s Area prior to implementation of the 2-40s Area data gap investigation.

Based on 2-40s Area data gap investigation data, there were no additional VOC constituents detected at concentrations greater than their respective screening levels. Therefore, no new COCs for the VOC constituent group are added to the 2-40s Area area-specific COC list or to the site-wide COC list. The five area-specific VOC COCs for the 2-40s Area are:

Benzene cis-1,2-Dichloroethene 1,1-Dichloroethene

Trichloroethene Vinyl Chloride

Analytical data generated by the 2-40s Area data gap investigation for the VOC constituent group are presented in the following sections.

3.4.1 Benzene

The scope of the data gap investigation for benzene in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, benzene was analyzed in 286 2-40s Area groundwater samples and was detected in four of those samples. Two of the four historical benzene detections were at concentrations greater than the screening level for protection of surface water of 4.48 μg/L. None of the historical detected benzene concentrations were greater than the screening level for the protection of indoor air of 1,400 μg/L. A thorough discussion of the historical benzene results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical benzene data are presented in Attachment D.

During the 2-40s Area data gap investigation benzene was analyzed in groundwater samples collected at all new monitoring wells, all existing monitoring wells, and all direct-push for a total of 243 results. Analytical results indicate that benzene was detected in nine of the groundwater samples analyzed for benzene and was detected at concentrations greater than its screening level of 4.48 μg/L in three of those samples. Benzene was not detected at concentrations greater than its screening level for the protection of indoor air of 1,400 μg/L in samples from any sampling location in the 2-40s Area. Benzene data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for benzene in the A, B, and C levels of the aquifer is presented in Attachment E. The two areas in the A level of the aquifer with benzene at concentrations greater than its screening level are highlight on the map. Benzene was not detected at concentrations greater than its screening level in samples from the B level or the C level of the aquifer. The benzene concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas with concentrations currently greater than the benzene screening level. Cross-sectional views of benzene concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for benzene in groundwater range from non-detect at a reporting limit of 0.2 μg/L to detected at a concentration of 9.3 μg/L. The greatest benzene concentration detected was in the A level sample from direct-push probe 2-40-DP-105, located in RCRA unit OA-7 (Building 2-40 Soil).

3.4.2 cis-1,2-Dichloroethene

The scope of the data gap investigation for cis-1,2-dichloroethene in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, cis-1,2-dichloroethene was analyzed in 428 2-40s Area groundwater samples and was detected in 190 of those samples. Twenty-four of the 190 historical cis-1,2-dichloroethene detections were at concentrations greater than the screening level for protection of surface water of 1,550 μg/L. None of the 190

historical cis-1,2-dichloroethene detections were at concentrations greater than the screening level for the protection of indoor air of 15,100 μg/L. A thorough discussion of the historical cis-1,2-dichloroethene results prior to the 2-40s Area data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical cis-1,2-dichloroethene data are presented in Attachment D.

During the 2-40s Area data gap investigation cis-1,2-dichloroethene was analyzed in groundwater samples collected at all new monitoring wells, all existing monitoring wells, and all direct-push probes for a total of 243 results. Analytical results indicate that cis-1,2-dichloroethene was detected in 72 of the groundwater samples analyzed. cis-1,2-Dichloroethene was not detected at concentrations greater than its screening level for the protection of surface water of 1,550 μg/L in any of the 2-40s Area samples. cis-1,2-Dichloroethene data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for cis-1,2-dichloroethene in the A, B, and C levels of the aquifer is presented in Attachment E. cis-1,2-Dichloroethene was not detected at concentrations greater than its screening level in the A, B, or C levels of the aquifer. The cis-1,2-dichloroethene concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate areas with concentrations currently greater than the cis-1,2-dichloroethene screening level. Cross-sectional views of cis-1,2-dichloroethene concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for cis-1,2-dichloroethene in groundwater range from non-detect at a reporting limit of 0.2 μg/L to detected at a concentration of 650 μg/L. The greatest cis-1,2-dichloroethene concentration was in the C level sample from direct push probe 2-40-DP-38, which is located adjacent to the rear bulkhead wall downgradient of SWMU 2-41.31, Machine Pits. This location is also within the historical footprint of the EMF plume.

3.4.3 1,1-Dichloroethene

The scope of the data gap investigation for 1,1-dichloroethene in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time 1,1-dichloroethene was analyzed in 356 2-40s Area groundwater samples and was detected in 15 of those samples. All 15 historical 1,1-dichloroethene detections were at concentrations greater than the screening level for the protection of surface water of 0.382 μg/L. None of the historical 1,1-dichloroethene concentrations was at a concentration greater than the screening level for the protection of indoor air of 25 μg/L. A thorough discussion of the historical 1,1-dichloroethene results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical 1,1-dichloroethene data are presented in Attachment D.

During the 2-40s Area data gap investigation 1,1-dichloroethene was analyzed in groundwater samples collected at all new monitoring wells, all existing monitoring wells, and all direct-push

probes for a total of 243 results. Analytical results indicate that 1,1-dichloroethene was detected in four of the groundwater samples analyzed and was detected at a concentration greater than its screening level of 0.382 μg/L in three of those samples. The three locations with 1,1-dichloroethene at concentrations greater than its screening level are the B level sample from direct push probe 2-40-DP-14, and the C level samples from probes 2-40-DP-37 and 2-40-DP-38. 1,1-Dichloroethene was not detected at a concentration greater than its screening level for the protection of indoor air of 25 μg/L at any sampling locations in the 2-40s Area. 1,1-Dichloroethene data from the 2-40s Area data gap investigation are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for 1,1-dichloroethene in the A, B, and C levels of the aquifer is presented in Attachment E. There are two small areas with 1,1-dichloroethene concentrations greater than its screening level; one in the B level of the aquifer at 2-40-DP-14, downgradient of OA-7 (Building 2-40 Soil). The second area of 1,1-dichloroethene at concentrations greater than its screening level is in the C level samples from probes 2-40-DP-37 and 2-40-DP-38, immediately upgradient of the rear bulkhead wall. Both locations with 1,1-dichloroethene at concentrations greater than its screening level are within the historical footprint of the EMF plume. 1,1-Dichloroethene was not detected at a concentration greater than its screening level in the A level of the aquifer. The 1,1-dichloroethene concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas with concentrations currently greater than the 1,1-dichloroethene screening level. Cross-sectional views of 1,1-dichloroethene concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for 1,1-dichloroethene in groundwater range from non-detect at a reporting limit of 0.2 μg/L to detected at a concentration of 1.6 μg/L. The greatest 1,1-dichloroethene concentration was in the C level sample from direct-push probe 2-40-DP-37, located within the historical footprint of the EMF plume.

3.4.4 Trichloroethene

The scope of the data gap investigation for trichloroethene in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, trichloroethene was analyzed in 428 2-40s Area groundwater samples and was detected in 12 of those samples. All 12 trichloroethene detections were at concentrations greater than the screening level for protection of surface water of 0.302 μg/L. None of the historical detected trichloroethene concentrations were greater than the screening level for the protection of indoor air of 32 μg/L. A thorough discussion of the historical trichloroethene results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical trichloroethene data are presented in Attachment D.

During the 2-40s Area data gap investigation trichloroethene was analyzed in groundwater samples collected at all new monitoring wells, all existing monitoring wells, and all direct-push

probes for a total of 243 results. Analytical results indicate that trichloroethene was detected in 32 of the groundwater samples analyzed and was detected at concentrations greater than its screening level for the protection of surface water of 0.302 μg/L in 21 of the groundwater samples. Trichloroethene was not detected at a concentration greater than its screening level for the protection of indoor air of 32 μg/L in data gap investigation samples from the 2-40s Area; however, the A level sample from probe 2-40-DP-41 had a trichloroethene concentration equal to the screening level for the protection of indoor air. Trichloroethene data are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for trichloroethene in the A, B, and C levels of the aquifer is presented in Attachment E. Two areas in the A level of the aquifer and one area in the B level of the aquifer yielded samples with trichloroethene at concentrations greater than its screening level. The two A level areas are at SWMU 2-41.33, Deactivated Anodic Tank Line and SWMU 2-41.31 (Machine Pits). Samples from the B level of the aquifer with trichloroethene at concentrations greater than its screening level were from sampling locations downgradient of SWMU 2-41.31. There are no areas of trichloroethene concentrations greater than its screening level for the protection of surface water in the C level of the aquifer. The trichloroethene concentration map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas with concentrations greater than the trichloroethene screening level. Cross-sectional views of trichloroethene concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for trichloroethene in groundwater range from non-detect with a reporting limit of 0.2 μg/L to detected at a concentration of 32 μg/L. The greatest trichloroethene concentration was in the A level sample from probe 2-40-DP-41, which is downgradient of SWMU 2-41.31. This location is also within the historical footprint of the EMF plume.

3.4.5 Vinyl Chloride

The scope of the data gap investigation for vinyl chloride in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, vinyl chloride was analyzed in 428 2-40s Area groundwater samples and was detected in 297 of those samples. Of the 297 vinyl chloride detections, 238 were at concentrations greater than the screening level for protection of surface water of 0.731 μg/L and 140 were at concentrations greater than the screening level for the protection of indoor air of 127 μg/L. A thorough discussion of the historical vinyl chloride results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical vinyl chloride data are presented in Attachment D.

During the 2-40s Area data gap investigation vinyl chloride was analyzed in groundwater samples collected at all new monitoring wells, all existing monitoring wells, and all direct-push probes for a total of 243 results. Analytical results indicate that vinyl chloride was detected in 99 of the groundwater samples analyzed. Vinyl chloride was detected at concentrations greater

than its screening level for the protection of surface water of 0.731 μg/L in 32 of the groundwater samples. Vinyl chloride was detected at concentrations greater than its screening level for the protection of indoor air of 127 μg/L in nine of the samples. Vinyl chloride data are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for vinyl chloride in the A, B, and C levels of the aquifer is presented in Attachment E. There are detected concentrations of vinyl chloride greater than its screening level for the protection of surface water in all three levels of the aquifer. The most extensive area of vinyl chloride in groundwater at concentrations greater than its screening level is the large B level area likely associated with the EMF plume. The vinyl chloride map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas with concentrations currently greater than the vinyl chloride screening level. Cross-sectional views of vinyl chloride concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for vinyl chloride in groundwater range from non-detect with a reporting limit of 0.2 μg/L to detected at a concentration of 3,800 μg/L. The greatest vinyl chloride concentration was in the sample from monitoring well PL2-435B, which is located within the historical footprint of the EMF plume.

3.5. PETROLEUM HYDROCARBONS

Analytical results for all site-wide total petroleum hydrocarbon (TPH) COCs were screened to determine which site-wide constituents are area-specific COCs for the 2-40s Area. Three classes of TPHs were included on the 2-40s Area-specific COC list based on their occurrence at concentrations greater than screening levels. The TPHs that are COCs for the 2-40s Area are diesel-range petroleum hydrocarbons (DRPH), motor oil-range petroleum hydrocarbons (MoRPH), and TPH, range not defined. The TPH range not defined data represent older data obtained using Method 418.1, which has since been replaced. TPH, range not defined data gaps will be addressed using current analyses for DRPH, MoRPH, and gasoline-range petroleum hydrocarbons (GRPH)

Groundwater samples were collected and chemical analysis conducted by methods Northwest Total Petroleum Hydrocarbons – Gasoline Range (NWTPH-G) and Northwest Total Petroleum Hydrocarbons – Diesel Range, Extended (NWTPH-Dx). These analyses were performed on groundwater samples collected at or near selected sampling locations where total petroleum hydrocarbons (TPH) were noted in previous investigations or were present in vadose zone soils.

Two petroleum hydrocarbon ranges were detected in samples collected during the 2-40s Area data gap investigation; DRPH and MoRPH. Both of these constituents were detected in historical groundwater samples collected in the 2-40s Area at concentrations greater than their respective screening levels.

Analytical data generated by the 2-40s Area data gap investigation for petroleum hydrocarbons are presented in the following sections.

3.5.1 Diesel-Range Petroleum Hydrocarbons

The scope of the data gap investigation for Diesel-Range Petroleum Hydrocarbons (DRPH) in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, DRPH was analyzed in 88 2-40s Area groundwater samples and was detected in six of those samples. One of the six DRPH detections was at a concentration greater than the screening level for protection of surface water and indoor air of 500 μg/L. A thorough discussion of the historical DRPH results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical DRPH data are presented in Attachment D.

During the 2-40s Area data gap investigation DRPH was analyzed in groundwater samples collected from selected new and existing monitoring wells and from selected direct-push probes for a total of 63 results. DRPH was detected in one of the 63 groundwater samples analyzed at an estimated (J-valued) concentration of 500 μg/L. This concentration is equal to the DRPH screening level for the protection of surface water and indoor air. The single DRPH detection was for the sample from well PL2-442A. DRPH data are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for DRPH is presented in Attachment E. There was only one detection in the A level of the aquifer and no samples with DRPH at concentrations greater than its screening level in the 2-40s Area. DRPH was not detected in the B level of the aquifer. The DRPH map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate highlighted areas with concentrations currently greater than the DRPH screening level. Cross-sectional views of DRPH concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for DRPH in groundwater range from non-detect with a reporting limit of 250 μg/L to detected at a concentration of 500 μg/L. The single DRPH detection was in the sample from monitoring well PL2-442A, located in SWMU 2-41.31 (Machine Pits).

3.5.2 Motor Oil Range Petroleum Hydrocarbons

The scope of the data gap investigation for Motor Oil-Range Petroleum Hydrocarbons (MoRPH) in groundwater was based on historical information and data contained in the Plant 2 database at the time the 2-40s Area Data Gap Investigation Work Plan was written. At that time, MoRPH was analyzed in 87 2-40s Area groundwater samples and detected in one of those samples. The single detection of MoRPH was at a concentration of 3,000 μg/L, which is greater than its screening level of 500 μg/L. A thorough discussion of the historical MoRPH results prior to this data gap investigation is provided in the 2-40s Area Data Gap Investigation Work Plan. Historical MoRPH data are presented in Attachment D.

During the 2-40s Area data gap investigation MoRPH was analyzed in groundwater samples collected from selected new and existing monitoring wells and from selected direct-push probes

for a total of 63 results. MoRPH was detected in one of the groundwater samples analyzed at a concentration of 3,400 μg/L. This concentration is greater than the MoRPH screening level for the protection of surface water and indoor air of 500 μg/L. The single MoRPH detection was from well PL2-442A. MoRPH data are summarized in Tables 3-1b, 3-1c, 3-2b and 3-2c.

A 2-40s Area map displaying current data gap investigation data for MoRPH is presented in Attachment E. The single A level detection, from PL2-442A, was at a concentration greater than its screening level and is located in SWMU 2-41.31 (Machine Pits). MoRPH was not detected in the B or C levels of the aquifer. The MoRPH map also displays historical data for locations that were not re-sampled as part of the 2-40s Area data gap investigation; however, these historical data were not used to delineate the highlighted areas with concentrations currently greater than the MoRPH screening level. Cross-sectional views of MoRPH concentrations in groundwater east-west and north-south through the 2-40s Area are also presented in Attachment E.

Data from the 2-40s Area data gap investigation for MoRPH in groundwater range from non-detect with a reporting limit of 500 μg/L to detected at a concentration of 3,400 μg/L. The single MoRPH detection was in the sample from monitoring well PL2-442A, located in SWMU 2-41.31 (Machine Pits).

4.0 Groundwater Hydrogeologic Findings/Results

Groundwater flow directions and rates in the 2-40s Area are sufficiently well understood for remedy selection purposes and did not require additional investigation work as part of the 2-40s Area data gap investigation. Boeing's understanding of the hydrogeology of the 2-40s Area is summarized in the 2-40s Area Data Gap Investigation Work Plan. In addition, a comprehensive site-wide hydrogeologic investigation of performed in July 2004 included data from wells in the 2-40s Area. These data were used to calculate vertical hydraulic gradient directions and magnitudes and are summarized in the report *Uplands Corrective Measures Study – Conceptual Hydrogeologic Model Data Gap Investigation Results – Boeing Plant 2* (EPI, 2005).

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5.0 Soil Analysis Results

Unlike groundwater, which is evaluated on an area-wide scale, soil data gap investigation results are evaluated on a unit-by-unit basis. Data gaps associated with the nature and extent of soil COCs in the 2-40s Area were identified in Section 2.4 of the Work Plan. A summary of field investigation activities designed to address the data gaps was presented in Section 3 of the Work Plan. The results of the 2-40s Area data gap sampling and analysis are presented by constituent group and soil COC in Sections 5.1 through 5.4. Analytical results for constituents detected in soil are presented in Tables 5-1b and 5-1c. The 2-40s Area-specific soil COCs are listed and summarized in Table F-2 (Attachment F), which identifies the maximum concentration and number of exceedances for each exposure pathway presented in Table 2-1 of the Work Plan. Tables 5-2b and 5-2c present all soil analytical data for the 2-40s Area data gap investigation. Tables 5-1a and 5-2a provide explanation for the data qualifiers in the b and c tables.

The soil concentration maps presented in the Work Plan (Attachment B) for all soil COCs have been updated to include the 2-40s Area data gap investigation results. Soil concentration maps have been created for new soil COCs. The maps, provided in Attachment F, present COC concentrations in soil for three intervals (0 to 1 foot bgs, greater than 1 to 6 feet bgs and greater than 6 to 12 feet bgs) within the vadose zone soil column from 0 to 12 feet bgs. Isoconcentration lines based on screening levels are presented on each of the figures. Tables of all soil COC results for the 2-40s Area data updated with the data gap results, as applicable, are also provided in Attachment F.

5.1 INORGANICS

In association with the 2-40s Area data gap investigation, all soil samples were analyzed for priority pollutant metals, as well as manganese, hexavalent chromium (chromium VI), and cyanide on a selective basis, in accordance with Work Plan Table 2-2. Using both historical data and 2-40s Area data gap investigation results, all site-wide inorganic soil COCs were again screened to determine which constituents are soil COCs for the 2-40s Area, as described in Section 2.4 of the Work Plan. The resulting soil COC list is identical to that presented in Section 2.4.1 of the Work Plan. The following eleven metals and cyanide are COCs in soil for the 2-40s Area:

Arsenic	Cadmium	Chromium VI	Copper	Lead
Mercury	Nickel (soluble salts)	Selenium	Silver	Thallium (soluble salts)
Zinc	Cyanide			

Following submittal of Work Plan Sections 1 through 3, EPA agreed to the use of the natural background concentrations for metals established for the Puget Sound Basin (Ecology, 1994). Therefore, where natural background concentrations are both available and above the pathway-

specific screening level(s), natural background concentrations are the screening level used to evaluate data gap investigation results.

The metals soil COC data generated by the 2-40s Area data gap investigation are summarized and evaluated in Sections 5.1.1 through 5.1.12 along with the historical data to determine whether data gaps remain for CMS remedy selection. A number of the data gaps identified for metals in Section 2.4 of the Work Plan involved determining whether the soil to groundwater pathway is complete. The definition of a complete soil to groundwater pathway is provided in Section 2.1 of the Work Plan.

5.1.1 Arsenic

The scope of the data gap investigation for arsenic was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, arsenic had been analyzed in 274 soil samples from the 2-40s Area and detected in 172. Of the samples where arsenic was detected, 15 were reported at concentrations greater than the 7.3 mg/kg soil screening level. The screening level is based on the natural background concentration of arsenic in the Puget Sound Basin (Ecology, 1994). Concentrations of arsenic detected above this soil screening level ranged from 8 to 13 mg/kg. The maximum concentration (13 mg/kg) was detected in a soil sample collected from 7 feet bgs in OA 18 (Building 2-40 East Parking Lot) and does not exceed the direct contact screening level of 33.3 mg/kg.

During the 2-40s Area data gap investigation, arsenic was analyzed in an additional 336 soil samples collected from 112 locations. Arsenic was detected in 41 of those samples and exceeded the natural background concentration in 24. Arsenic concentrations detected during the data gap investigation above this soil screening level ranged from 8 to 14 mg/kg. The maximum concentration of arsenic in soil (14 mg/kg) was detected in a sample collected from 10 foot bgs at probe 2-40-DP-022, in the central area of SWMU 2-41.33 (Deactivated/Anodic Tank Line). This concentration is below the direct contact exposure pathway screening level (33.3 mg/kg).

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including arsenic. Table 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of arsenic analytical results for all historical and data gap investigation samples, presenting locations, concentrations, and depths. The arsenic soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (7.3 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical arsenic results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for arsenic.

As identified in Section 2.4.1.1 of the Work Plan, addressing data gaps for arsenic in soil required further:

- Lateral delineation in the southern portion of OA 18 (Building 2-40 East Parking Lot Area), southwest of SB-04021.
- Lateral delineation at AOC 2-41.32 (Deactivated Paint Booths and Sump) to the east, west, and north of SB-04107.
- Lateral delineation near sump SPL-041-160, north and east of SB-04115.
- Lateral delineation in the northwest portion of Building 2-40, south of SB-03107.
- Lateral and vertical delineation east of OA 7 (Building 2-40 Soil), near SW-25.
- Lateral delineation in the northeast corner of SWMU 2-41.31 (Machine Pits), surrounding DP-4105 and DP-4106.
- Lateral and vertical delineation of arsenic near sumps SPL-040-031 through SPL-040-039, northwest and southeast of DP-4008 and DP-4009.
- Lateral and vertical delineation east of AST PLA-32 near SW-15.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Arsenic was not detected in the three soil samples from 2-40-DP-047, located southwest of SB-04021, and identified in the Work Plan to evaluate the extent of arsenic in the southern portion of OA 18.

Analytical results for nine soil samples collected from three probes (2-40-DP-026, 2-40-DP-036 and 2-40-DP-048) were used to evaluate the extent of arsenic at AOC 2-41.32. Conflicts with building structures and subsurface or overhead utilities required boring locations to be shifted approximately 20 feet to the southwest. Arsenic was detected in the samples from 0 to 1 and 9 to 10 foot bgs at 2-40-DP-048, at concentrations of 5 and 10 mg/kg, respectively. The latter concentration was the only exceedence of the natural background concentration. Location 2-40-DP-048 is west of AOC 2-41.32.

The analytical results for six soil samples from two probes (2-40-DP-031 and 2-40-DP-032) to the north and east of SB-04115 were used to evaluate the extent of arsenic near sump SPL-041-160. Arsenic was not detected in soil samples from either location.

The analytical results from three soil samples collected from 2-40-DP-046 were used to evaluate the extent of arsenic in the northwest portion of Building 2-40. Due to conflict with the "K tunnel" and associated subgrade tunnel rooms 2-40-DP-046 was shifted to the east to provide delineation for arsenic associated with SB-03107. Arsenic was detected in the sample from 9 to 10 ft bgs, at a concentration of 11 mg/kg, which exceeds the natural background concentration of 7.3 mg/kg.

The analytical results for nine soil samples from three probes (2-40-DP-005, 2-40-DP-049 and 2-40-DP-050) were used to evaluate the extent of arsenic at SW-25 near OA 7. The three borings were located to the north, south and west of SW-15. Arsenic was detected in the samples from 9 to 10 feet bgs at 2-40-DP-005 and 2-40-DP-050, at 9.0 and 8.0 mg/kg,

respectively. Both concentrations exceed the natural background concentration of 7.3 mg/kg. Locations 2-40-DP-005 and 2-40-DP-050 are south and west of SW-15, respectively.

The analytical results for nine soil samples from three probes (2-40-DP-027, 2-40-DP-051 and 2-40-DP-052) were used to evaluate the extent of arsenic in the northeast corner of SWMU 2-41.31. The probes were located to the north, west and southeast of DP-4105 and DP-4106. Arsenic was detected in the samples from 4 to 5 feet bgs at 2-40-DP-051, and from 4 to 5 ft and 9 to 10 ft bgs at 2-40-DP-052. Concentrations ranged from 5.0 to 7.0 mg/kg, below the natural background concentration of 7.3 mg/kg.

The analytical results for six soil samples from two probes (2-40-DP-053 and 2-40-DP-064) were used to evaluate the extent of arsenic near sumps SPL-040-031 through SPL-040-039. The probes were located to the east and southwest of DP-4008 and DP-4009. The work plan text misidentified the direction of the probes relative to DP-4008 and DP-4009 as northwest and southeast. The probes were placed as indicated on Figure 2-1 of the Work Plan as intended. Arsenic was detected in the sample from 4 to 5 ft bgs at 2-40-DP-064 at a concentration of 7.0 mg/kg, below the natural background concentration of 7.3 mg/kg.

The analytical results from nine soil samples from three probes (2-40-DP-024, 2-40-DP-054 and 2-40-DP-055) were used to evaluate the extent of arsenic around PLA-32. 2-40-DP-055 was moved approximately 20 feet to the southwest to accommodate conflicts with building structures and subsurface utilities. The three probes were located to the east, west and south of SW-15 to provide further lateral and vertical delineation. Arsenic was detected above the background concentration in samples from 9 to 10 ft bgs at all probe locations, at concentrations ranging from 8.0 to 11 mg/kg. Arsenic was also detected (5.0 mg/kg) below the natural background concentration of 7.3 mg/kg in the sample from 0 to 1 ft bgs at 2-40-DP-054.

Addressing data gaps for arsenic via the surface water pathway involves determining whether groundwater has been impacted by arsenic in soils the 2-40s Area. The following paragraph summarizes groundwater sampling results for dissolved arsenic related to arsenic soil data gaps identified in Section 2.4.1.1 of the Work Plan.

Dissolved arsenic was detected at concentrations greater than the background adjusted groundwater screening level of 8.0 µg/L at many of the data gap sample locations in the 2-40s Area. With only one exception, arsenic (dissolved) was detected in the A level of the aquifer at one or more of the sample locations associated with specific units identified in the Work Plan for investigation of arsenic related issues. Arsenic was not detected at concentrations greater than the 8.0 µg/L screening level in samples from three probes (2-40-DP-005, 2-40-DP-049 and 2-40-DP-050) identified for the investigation of the area east of OA 7 (Building 2-40 Soil).

5.1.2 Cadmium

The scope of the data gap investigation for cadmium was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, cadmium had been analyzed in 272 soil samples from the 2-40s Area and detected in 42. Of the 42 samples where cadmium was detected, 14 were reported at concentrations greater than the 1.21 mg/kg soil screening level protective of surface water. Concentrations of cadmium

detected above this soil screening level ranged from 1.4 to 292 mg/kg. The maximum concentration (292 mg/kg) was detected in a sample from 11 ft bgs at boring SB-04104 at the southwest end of SWMU 2-41.33 (Deactivated Anodic Tank Line) and does not exceed the direct contact exposure pathway screening level of 667 mg/kg.

During the 2-40s Area data gap investigation, cadmium was analyzed in an additional 336 soil samples collected from 112 locations. Cadmium was detected in 36 of those samples and exceeded the screening level in six of them. The concentration of cadmium detected during the data gap investigation above this soil screening level ranged from 1.6 mg/kg to 43.3 mg/kg. The maximum concentration of cadmium in soil (43.3 mg/kg) was detected in a sample collected from 5 feet bgs at probe 2-40-DP-094, in the north corner of the 2-40s Building, southwest of 2-40-DP-022.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including cadmium. Table 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The cadmium soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level of 1.21 mg/kg have been added to the soil concentration maps. A thorough discussion of the cadmium results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for cadmium.

As identified in Section 2.4.1.2 of the Work Plan, addressing data gaps for cadmium in soil required further:

- Delineation of cadmium around the perimeter of SWMU 2-41.33 (Deactivated Anodic Tank Line).

The analytical results from 18 soil samples collected from six probes (2-40-DP-056, 2-40-DP-057, 2-40-DP-075, 2-40-DP-093, 2-40-DP-094 and 2-40-DP-101) were used to evaluate the extent of cadmium around the perimeter of SWMU 2-41.33. Cadmium was detected at 43.3 mg/kg in the sample from 4 to 5 ft bgs at 2-40-DP-094. Cadmium was also detected above the screening level in samples from 9 to 10 ft bgs at 2-40-DP-057 and 2-40-DP-094 at concentrations of 2 and 3.9 mg/kg, respectively. 2-40-DP-057 and 2-40-DP-094 are north and northeast of the central portion of the unit, respectively. Cadmium was detected below the screening level in samples from 0 to 1 and 4 to 5 ft bgs at 2-40-DP-093.

As identified in Section 2.4.1.2 of the Work Plan, addressing data gaps for cadmium via the surface water pathway involves determining whether groundwater was impacted by cadmium in soils at SWMU 2-41.33. Dissolved cadmium was not detected at concentrations greater than the groundwater screening level of 8.8 µg/L in any of the groundwater sample collected as part of this investigation including samples associated with SWMU 2-41.33.

5.1.3 Hexavalent Chromium

The scope of the data gap investigation for hexavalent chromium (chromium VI) was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, chromium VI had been analyzed in 53 soil samples from the 2-40s Area and detected in six of those samples. Of the samples where chromium VI was detected, two were reported at concentrations (26.5 and 68.8 mg/kg) greater than the 19.2 mg/kg soil screening level protective of surface water. The maximum concentration (68.8 mg/kg) was detected in a sample from 10.5 ft bgs at SB-04105 on the southwest end of SWMU 2-41.33 (Deactivated Anodic Tank Line) and does not exceed the direct contact exposure pathway screening level of 4,000 mg/kg.

During the 2-40s Area data gap investigation, chromium VI was analyzed in an additional 12 soil samples from four locations and was detected in three samples; none of the detected concentrations exceeded the screening level.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including chromium VI. Tables 5-2b and 5-2 c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The chromium VI soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level of 19.2 mg/kg have been added to the soil concentration maps. A thorough discussion of the chromium VI results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for chromium VI.

As identified in Section 2.4.1.3 of the Work Plan, addressing data gaps for chromium VI in soil required further:

- Delineation of chromium at SWMU 2-41.33 (Deactivated Anodic Tank Line) primarily to the south of SB-04105.

The analytical results for 12 soil samples from four probes (2-40-DP-056, 2-40-DP-076, 2-40-0-93 and 2-40-DP-094) were used to evaluate the extent of chromium VI at SWMU 2-41.33, primarily south of SB-04105. Chromium VI was only detected in two samples from 0 to 1 and 9 to 10 ft bgs at 2-40-DP-094, which did not exceed the soil screening level.

As identified in Section 2.4.1.3 of the Work Plan, addressing data gaps for chromium VI via the surface water pathway involves determining whether groundwater was impacted by chromium VI in soils at SWMU 2-41.33. Chromium VI was not detected at concentrations greater than the screening level of 50 µg/L in any of the groundwater samples associated with this investigation including samples associated with SWMU 2-41.33.

5.1.4 Copper

The scope of the data gap investigation for copper was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, copper had been analyzed in 271 soil samples from the 2-40s Area and detected in all of them. Of those samples where copper was detected, 22 were reported at concentrations greater than the 36.4 mg/kg soil screening level protective of surface water. The screening level is based on the natural background concentration of copper in the Puget Sound Basin (Ecology, 1994). The concentrations of copper detected above this soil screening level ranged from 36.5 to 1,740 mg/kg. The maximum concentration (1,740 mg/kg) was detected in a sample from 10.5 feet bgs at SB-04105 within SWMU 2-41.33 (Deactivated Anodic Tank/Line) and does not exceed the direct contact exposure pathway screening level of 49,300 mg/kg. The air pathway is not considered a viable pathway for copper.

During the 2-40s Area data gap investigation, copper was analyzed in an additional 336 soil samples collected from 112 locations. Copper was detected in all 336 of those samples and exceeded the soil screening level (36.4 mg/kg) in 21 of them. Copper concentrations detected above this soil screening level during the data gap investigation ranged from 37 mg/kg to 244 mg/kg. The maximum concentration of copper in soil (244 mg/kg) was detected in a sample collected from 0 to 1 feet bgs at 2-40-DP-065, southwest of Sumps SPL-040-019 through SPL-040-030. This concentration is below the direct contact exposure pathway screening level of 49,300 mg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including copper. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of copper analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The copper soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (36.4 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical copper results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for copper.

As identified in Section 2.4.1.4 of the Work Plan, addressing data gaps for copper in soil required further:

- Lateral delineation to the northeast and eastern portion of SWMU 2-41.31 (Machine Pits).
- Delineation adjacent to sumps SPL-040-019 through SPL-040-030 northeast of DP-4005.
- Lateral and vertical delineation of copper to the east and southwest of OA 7 (Building 2-40 Soil).

- Lateral delineation to the south of SWMU 2-41.33 (Deactivated Anodic Tank/Line).
- Lateral delineation in OA 18 (Building 2-40 East Parking Lot Area).
- Lateral delineation to the northwest of AOC 2-41.32 (Deactivated Paint Booths and Sump).

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 ft bgs.

Copper was detected in all 24 soil samples from the eight probes (2-40-DP-024, 2-40-DP-027, 2-40-DP-051, 2-40-DP-052, 2-40-DP-053, 2-40-DP-054, 2-40-DP-055, and 2-40-DP-083) used to evaluate the extent of copper in the northeast corner of SWMU 2-41.31. Note that 2-40-DP-055 was moved approximately 20 feet to the southwest to accommodate conflicts with building structures and subsurface utilities. Concentrations ranged from 10.8 to 45.2 mg/kg. Samples from, 9 to 10 ft bgs at 2-40-DP-024 and 2-40-DP-055 exceeded the natural background concentration at 41 and 45.2 mg/kg, respectively. These probes are located northeast of SWMU 2-41.31, near SW-15.

Analytical results from three soil samples from one probe (2-40-DP-023) were used to evaluate the extent of copper adjacent to sumps SPL-040-019 through SPL-040-030. Copper was detected in all three samples at concentrations ranging from 8.9 to 38.4 mg/kg. The copper concentration (38.4 mg/kg) exceeded the natural background concentration in the sample from 9 to 10 feet bgs. The probe is east of sumps SPL-040-019 through SPL-040-030.

Analytical results from 18 soil samples from six probes (2-40-DP-005, 2-40-DP-014, 2-40-DP-049, 2-40-DP-050, 2-40-DP-058, and 2-40-DP-105) were used to evaluate the extent of copper to the east and southwest of OA 7. Copper was detected in all 18 soil samples, at concentrations ranging from 8.4 to 42 mg/kg. The copper concentration exceeded the natural background concentration in the sample from 9 to 10 ft bgs at 2-40-DP-105, located in the western section of OA 7.

Copper was detected in all six samples from two probes (2-40-DP-056 and 2-40-DP-093) used to evaluate the extent of copper to the south of SWMU 2-41.33. Concentrations ranged from 13.2 to 36.2 mg/kg, below the natural background concentration. The maximum concentration was detected in a sample from 4 to 5 feet bgs at 2-40-DP-056, south of SWMU 2-41.33.

Copper was detected in all nine samples from three probes (2-40-DP-047, 2-40-DP-073, and 2-40-DP-079) used to evaluate the extent of copper at OA 18. Concentrations ranged from 10.5 to 36.4 mg/kg, at or below the natural background concentration (36.4 mg/kg). The maximum concentration was detected in a sample from 4 to 5 feet bgs at 2-40-DP-073, in the eastern portion of OA 18.

Analytical results from nine soil samples from three probes (2-40-DP-026, 2-40-DP-036, and 2-40-DP-048) were used to evaluate the extent of copper northwest of AOC 2-41.32. Conflicts with building structures and subsurface utilities required probes being shifted approximately 20 feet to the southwest. Copper was detected all nine of the sample results which ranged from 9.4 to 37 mg/kg. The sample from 1 foot bgs at 2-40-DP-026 (37 mg/kg) exceeded the natural background concentration. 2-40-DP-026 is located east of AOC 2-41.32.

As identified in Section 2.4.1.4 of the Work Plan addressing data gaps for copper via the surface water pathway involves determining whether groundwater was impacted by copper in soils at SWMU 2-41.31, adjacent to sumps SPL-040-019 through SPL-040-039, OA 7, SWMU 2-41.33, OA 18, and AOC 2-41.32. Dissolved copper was detected at concentrations greater than the background adjusted groundwater screening level of 8.0 µg/L in the A level of the aquifer at seven sample locations. Copper (dissolved) was detected at concentrations greater than the background concentration at concentrations of 43 µg/L and 12.2 µg/L at monitoring well PL2-440A and 2-40-DP-014, respectively. Both sample locations were identified in the Work Plan to evaluate the soil to groundwater pathway at OA 18 and adjacent to OA 7, respectively. Copper (dissolved) was also detected at concentrations greater than the background concentration in five other groundwater samples at concentrations ranging between 8.3 µg/L and 16.4 µg/L.

5.1.5 Lead

The scope of the data gap investigation for lead was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, lead had been analyzed in 272 soil samples from the 2-40s Area and detected in 238. Of those samples where lead was detected, two were reported at concentrations greater than the direct contact screening level (1,000 mg/kg), both of which also exceeded the soil screening level protective of surface water (1,620 mg/kg). The maximum concentration (3,150 mg/kg) was detected in the soil sample from 5 ft bgs near the northeast corner of OA 18 (Building 2-40 East Parking Lot Area). The air pathway is not considered a viable pathway for lead.

During the 2-40s Area data gap investigation, lead was analyzed in an additional 336 soil samples collected from 112 locations. Lead was detected in 267 of those samples; all detected concentrations were below the soil screening level (1000 mg/kg). Detected concentrations of lead ranged from 2 mg/kg to 107 mg/kg. The maximum concentration of lead in soil (107 mg/kg) was detected in a sample collected from 4 to 5 feet bgs at PL2-440B, in the northeastern corner of OA 18. This concentration is below both the direct contact exposure pathway screening level (1,000 mg/kg) and the soil screening level protective of surface water (1,620 mg/kg).

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including lead. Table 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of lead analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The lead soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (1,000 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical lead results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for lead.

As identified in Section 2.4.1.5 of the Work Plan, addressing data gaps for lead in soil required further:

- Lateral delineation near the southern corner of SWMU 2-41.33 (Deactivated Anodic Tank/Line).
- Analysis of lead in groundwater samples at OA 18 (Building 2-40 East Parking Lot Area) to evaluate whether the soil to groundwater pathway is complete and groundwater has been impacted by sources of lead in the soil.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Lead was detected in all six soil samples collected from the two probes (2-40-DP-056 and 2-40-DP-093) used to evaluate the extent of lead in the southern corner of SWMU 2-41.33. Concentrations ranged from 3 to 15 mg/kg, below the soil screening level of 1,000 mg/kg. The maximum concentration (15 mg/kg) was detected in the samples from 0 to 1 and 4 to 5 feet bgs at 2-40-DP-056, located south of SWMU 2-41.33.

As identified in Section 2.4.1.5 of the Work Plan, addressing data gaps for lead via the surface water pathway involves determining whether groundwater was impacted by lead in soils at SWMU 2-41.33 and OA 18. Dissolved lead was not detected at a concentration greater than the screening level of 8.1 µg/L in any of the groundwater samples associated with the data gap investigation including samples associated with SWMU 2-41.33 and OA 18.

5.1.6 Mercury

The scope of the data gap investigation for mercury was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, mercury had been analyzed in 272 soil samples from the 2-40s Area and detected in 76. Of those samples where mercury was detected, 39 were reported at concentrations greater than the 0.07 mg/kg soil screening level protective of surface water. The screening level is based on the natural background concentration of mercury in the Puget Sound Basin (Ecology, 1994). Mercury concentrations detected above this soil screening level ranged from 0.08 to 30 mg/kg. The maximum concentration (30 mg/kg) was detected in a sample from 5 ft bgs at PL2-440A at the northeast corner of OA 18 (Building 2-40 East Parking Lot Area), and does not exceed the direct contact exposure pathway screening level of 41.9 mg/kg. Two samples, from 5 and 10 feet bgs at PL2-440A, exceeded the area-specific air pathway screening level (2.51 mg/kg) with concentrations of 9 and 30 mg/kg, respectively.

During the 2-40s Area data gap investigation, mercury was analyzed in an additional 336 soil samples from 112 locations. Mercury was detected in 90 of those samples and exceeded the soil screening level in 43 of them. Mercury concentrations above the soil screening level ranged from 0.08 mg/kg to 38 mg/kg. The maximum concentration of mercury in soil (38 mg/kg) was detected in a sample collected from 4 to 5 feet bgs at PL2-440B, at the northeast corner of OA 18. This concentration is below the direct contact exposure pathway screening level of 41.9 mg/kg, but above the area-specific air pathway screening level (2.51 mg/kg). One

additional sample exceeded the air pathway screening level at a concentration of 2.69 mg/kg. The sample was collected from 9 to 10 feet bgs at 2-40-DP-039, north of OA 20 (Outfall #23 Area).

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including mercury. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of mercury analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The mercury soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (0.07 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical mercury results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for mercury.

As identified in Section 2.4.1.6 of the Work Plan, addressing data gaps for mercury in soil required further:

- Delineation of the extent of mercury surrounding AOC 2-41.32 (Deactivated Paint Booths and Sump).
- Delineation in and around OA 7 (Building 2-40 Soil).
- Delineation in the north central portion of OA 18 (Building 2-40 East Parking Lot Area).
- Lateral and vertical delineation at SWMU 2-41.31 (Machine Pits).
- Delineation to the north and south of SWMU 2-41.33 (Deactivated Anodic Tank Line).
- Lateral delineation at the northwest 2-40s area boundary near SWMU 2-31.26 (Anodizing Tank Line).
- Lateral and vertical delineation in the vicinity of Sumps SPL-040-019 through SPL-040-030 and SPL-040-031 through SPL-040-039.
- Further delineation near sumps SPL-044-009 through SPL-044-011 to the northeast of DP-4411.
- Characterization of the extent of mercury in the central area to the north of OA 7 (Building 2-40 Soil) in the vicinity of SW-13.
- Lateral and vertical delineation in SWMU 2-41.30 (Manhole Vault) to the northeast, south, and southwest of SB-04130.
- Definition of mercury in the vicinity of OA 17.7 (Transformer Vaults) to the east of DP-4115.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Analytical results from nine soil samples from three direct push probes (2-40-DP-026, 2-40-DP-036, and 2-40-DP-048) were used to evaluate the extent of mercury in the vicinity of AOC 2-41.32. Conflicts with building structures and subsurface utilities required probes being shifted approximately 20 feet to the southwest. Mercury was detected in three samples, at concentrations at or below the natural background concentration, ranging from 0.05 to 0.07 mg/kg. The maximum concentration was detected in the sample from 0 to 1 foot bgs at 2-40-DP-026, east of AOC 2-41.32.

Analytical results from 42 samples from 14 probes (2-40-DP-004, 2-40-DP-005, 2-40-DP-014, 2-40-DP-049, 2-40-DP-050, 2-40-DP-058, 2-40-DP-059, 2-40-DP-060, 2-40-DP-061, 2-40-DP-062, 2-40-DP-063, 2-40-DP-098, 2-40-DP-099, and 2-40-DP-105) were used to evaluate the extent of mercury in and around OA 7. Mercury was detected in 13 samples at concentrations ranging from 0.05 to 0.19 mg/kg. Concentrations in seven samples exceeded the natural background concentration, ranging from 0.09 to 0.19 mg/kg. The maximum concentration in these samples was detected in two samples from 9 to 10 feet bgs at 2-40-DP-062 and 2-40-DP-063 in the northern part of OA 7. No samples exceeded the direct contact screening level (41.9 mg/kg) or the air pathway screening level (2.51 mg/kg).

Analytical results for three soil samples from one probe (2-40-DP-079) were used to evaluate the extent of mercury in the north central portion of OA 18. Mercury was not detected (at RLs ranging from 0.04 to 0.05 mg/kg) at this location.

Analytical results for 21 samples from seven probes (2-40-DP-027, 2-40-DP-029, 2-40-DP-051, 2-40-DP-052, 2-40-DP-083, 2-40-DP-091, and 2-40-DP-092) were used to evaluate the extent of mercury at SWMU 2-41.31. Mercury was detected in nine samples at concentrations ranging from 0.04 to 0.11 mg/kg. Mercury was detected above the natural background concentration in three samples from three locations (2-40-DP-027, 2-40-DP-029, and 2-40-DP-052) at concentrations ranging from 0.08 to 0.11 mg/kg. The maximum concentration was detected in the sample from 9 to 10 feet bgs at 2-40-DP-029 in the north central portion of SWMU 2-41.31, and did not exceed the direct contact or air pathway screening levels.

Mercury was detected in three of the nine samples from three probes (2-40-DP-056, 2-40-DP-057, and 2-40-DP-093) used to evaluate the extent of mercury to the north and south of SWMU 2-41.33. Concentrations ranged from 0.05 to 0.09 mg/kg. The maximum concentration was detected in the sample from 4 to 5 feet bgs at 2-40-DP-093 in the southwest portion of SWMU 2-41.33 and exceeded the natural background concentration. This concentration did not exceed the direct contact screening level or air pathway screening level.

Analytical results for three soil samples from probe 2-40-DP-046 were used to evaluate the extent of mercury in the northwest portion of Building 2-40 near SWMU 2-31.26. Due to conflict with the “K tunnel” and associated subgrade tunnel rooms, 2-40-DP-046 was shifted to the east to provide delineation for mercury associated with SB-03107. Mercury was detected above the natural background concentration at 0.13 mg/kg in the sample from 9 to 10 ft bgs. Mercury was not detected above the direct contact or air pathway screening levels in these samples.

Mercury was detected in nine of the 21 soil samples from the seven probes (2-40-DP-023, 2-40-DP-024, 2-40-DP-053, 2-40-DP-054, 2-40-DP-055, 2-40-DP-064, and 2-40-DP-065) used to evaluate the extent of mercury in the vicinity of Sumps SPL-040-019 through SPL-040-030 and SPL-040-031 through SPL-040-039. 2-40-DP-055 was moved approximately 20 feet to the southwest to accommodate conflicts with building structures and subsurface utilities. 2-40-DP-053 and 2-40-DP-064 were located to the east and southwest of DP-4008 and DP-4009 to provide further delineation of mercury in this area. The work plan text misidentified the location of the probes relative to DP-4008 and DP-4009 as northwest and southeast. The borings were placed as indicated on Figure 2-1 of the Work Plan as intended. Detected concentrations ranged from 0.05 to 0.26 mg/kg, and exceeded the natural background concentration in seven samples. The maximum concentration was detected in the sample from 9 to 10 ft bgs at 2-40-DP-023, east of Sumps SPL-040-019 through SPL-040-030, and did not exceed the direct contact (41.9 mg/kg) or air pathway (2.51 mg/kg) screening levels.

Analytical results for three soil samples from one probe (2-40-DP-066) were used to evaluate the extent of mercury in the soil near sumps SPL-044-009 through SPL-044-011 to the northeast of DP-4411. Mercury was detected above the natural background concentration at a concentration of 0.08 mg/kg in the sample from 9 to 10 ft bgs. This result is below both the direct contact and air pathway screening levels.

Analytical results for nine soil samples from three probes (2-40-DP-012, 2-40-DP-022, and 2-40-DP-067) identified in the Work Plan were used to evaluate the extent of mercury in the central area north of OA 7. Mercury was detected in six soil samples, at concentrations ranging from 0.05 to 0.25 mg/kg. Four samples exceeded the natural background concentration, with concentrations ranging from 0.09 to 0.25 mg/kg. The maximum concentration did not exceed the direct contact or air pathway screening levels.

Mercury was not detected (at RL of 0.03 and 0.04 mg/kg) in any of the nine samples collected from three probes (2-40-DP-019, 2-40-DP-033, and 2-40-DP-035) to evaluate the extent of mercury near SWMU 2-41.30.

Analytical results for three soil samples from one direct push probe (2-40-DP-030) were used to evaluate the extent of mercury in the soil near OA 17.7. Mercury was detected below the natural background concentration, at 0.05 mg/kg, in the sample from 4 to 5 ft bgs.

As identified in Section 2.4.1.6 of the Work Plan addressing data gaps for mercury via the surface water pathway involves determining whether groundwater was impacted by mercury in soils at AOC 2-41.32, OA 7, OA 18, SWMU 2-41.31, SWMU 2-41.33, SWMU 2-31.26, sumps SPL-040-019 through SPL-040-039, sumps SPL-044-009-through SPL-044-011, in the central area north of OA 7, east of SWMU 2-41.30, and southeast of OA 17.7. Dissolved mercury was detected at concentrations greater than the groundwater screening level of 0.025 µg/L in the A level of the aquifer at three sample locations (2-40-DP-014, 2-40-DP-021 and 2-40-DP-046) at concentrations ranging from 0.0318 µg/L to 0.137 µg/L. Locations 2-40-DP-014 and 2-40-DP-046 were identified in the Work Plan to evaluate the soil to groundwater pathway adjacent to OA 7 and near SWMU 2-31.26, respectively.

5.1.7 Nickel

The scope of the data gap investigation for nickel was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, nickel had been analyzed in 271 soil samples from the 2-40s Area and detected in all of them. Of those samples where nickel was detected, five were reported at concentrations greater than the 47.8 mg/kg soil screening level protective of surface water. The screening level is based on the natural background concentration of nickel in the Puget Sound Basin (Ecology, 1994). Nickel concentrations above this soil screening level ranged from 49 to 1,770 mg/kg. The maximum concentration (1,770 mg/kg) was detected in the soil sample collected from 10.5 bgs at SB-04105 within SWMU 2-41.33 (Deactivated Anodic Tank/Line). This maximum concentration does not exceed the direct contact exposure pathway screening level of 26,700 mg/kg. The air pathway is not considered a viable pathway for nickel.

During the 2-40s Area data gap investigation, nickel was analyzed in an additional 336 soil samples from 112 locations. Nickel was detected in 335 of those samples, at concentrations ranging from 5 to 59 mg/kg, and exceeded the soil screening level in one of them. The maximum concentration of nickel was detected in a sample from 0 to 1 feet bgs at PL2-440B, in the northeast corner of OA 18 (Building 2-40 East Parking Lot Area). This concentration is below the direct contact exposure pathway screening level of 26,700 mg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including nickel. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of nickel analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The nickel soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (47.8 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical nickel results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for nickel.

As identified in Section 2.4.1.7 of the Work Plan, addressing data gaps for nickel in soil required further:

- Evaluation of whether groundwater has been impacted by nickel at SWMU 2-41.33 (Deactivated Anodic Tank/Line) and OA 18 (Building 2-40 East Parking Lot Area).

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

As identified in Section 2.4.1.7 of the Work Plan addressing data gaps for nickel via the surface water pathway involves determining whether groundwater was impacted by nickel in soils at OA 18 and SWMU 2-41.33. Dissolved nickel was detected at concentrations greater than the groundwater screening level of 8.2 µg/L in the A level of the aquifer at nine sample locations.

Dissolved nickel was detected at concentrations greater than the screening level at concentrations of 38.2 µg/L and 39.1 µg/L at 2-40-DP-093 and 2-40-DP-094, respectively. Both locations were identified in the Work Plan to evaluate the soil to groundwater pathway at SWMU 2-41.33. Dissolved nickel was also detected at concentrations greater than the screening level in seven other groundwater samples at concentrations ranging between 8.5. µg/L and 213 µg/L.

5.1.8 Selenium

The scope of the data gap investigation for selenium was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, selenium had been analyzed in 268 soil samples from the 2-40s Area and detected in 12. Of the samples where selenium was detected, two exceeded the 7.38 mg/kg soil screening level protective of surface water, both at a concentration of 9.0 mg/kg. The samples were collected from 11.5 ft bgs at two locations (W12-SB2 and W12-SB3) within OA 7 (Building 2-40 Soil). The detected concentration is below the direct contact exposure pathway screening level of 6.67 mg/kg. The air pathway is not a viable exposure pathway for selenium.

During the 2-40s Area data gap investigation, selenium was analyzed in an additional 336 soil samples collected from 112 locations. Selenium was not detected above the RL (5 to 10 mg/kg) in data gap samples.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including selenium. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of selenium analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The selenium soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (7.38 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical selenium results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for selenium.

As identified in Section 2.4.1.8 of the Work Plan, addressing data gaps for selenium in soil required further:

- Lateral delineation in the central area of OA 7 (Building 2-40 Soil) northeast of W12-SB2 and north and southwest of W12-SB3.
- Determination of the extent of selenium within SWMU 2-41.33 (Deactivated Anodic Tank/Line) to the south of SB-04105.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Selenium was not detected (at RLs ranging from 5 to 8 mg/kg) in the 21 soil samples collected from the probes (2-40-DP-050, 2-40-DP-058, 2-40-DP-059, 2-40-DP-061, 2-40-DP-098, 2-40-DP-099, 2-40-DP-105) used to evaluate the extent of selenium in the central portion of OA 7. Selenium was not detected, with an RL (8.0 mg/kg) above the screening level, in the sample from 9 to 10 ft bgs at 2-40-DP-105, east of sample location W12-SB3. The sample had a high water content; consequently, not enough sample could be digested to achieve the target RL.

Selenium was not detected in any of the 18 soil samples from six probes (2-40-DP-056, 2-40-DP-057, 2-40-DP-075, 2-40-DP-093, 2-40-DP-094, 2-40-DP-101) used to evaluate the extent of selenium at SWMU 2-41.33. The RL was below the screening level of 7.38 mg/kg in all 18 samples.

As identified in Section 2.4.1.8 of the Work Plan, addressing data gaps for selenium via the surface water pathway involves determining whether groundwater was impacted by selenium in soils at OA 7 and SWMU 2-41.33. Dissolved selenium was not detected at concentrations greater than the screening level of 71 µg/L in any of the groundwater samples associated with the data gap investigation, including samples associated with OA 7 and SWMU 2-41.33.

5.1.9 Silver

The scope of the data gap investigation for silver was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, silver had been analyzed in 268 soil samples from the 2-40s Area and detected in 18. Of those samples where silver was detected, 15 were reported at concentrations greater than the 0.32 mg/kg soil screening level protective of surface water. Concentrations above this soil screening level ranged from 0.4 to 60 mg/kg. The maximum concentration (60 mg/kg) was detected in a sample from 12 feet bgs at SB-04105 within SWMU 2-41.33 (Deactivated Anodic Tank/Line) and does not exceed the direct contact exposure pathway screening level of 6,670 mg/kg. The air pathway is not considered a viable exposure pathway for silver.

During the 2-40s Area data gap investigation, silver was analyzed in an additional 336 soil samples collected from 112 locations. Silver was detected in 18 of those samples and exceeded the soil screening level in 17 of them. Silver concentrations above the soil screening level ranged from 0.4 mg/kg to 11.6 mg/kg. The maximum concentration of silver in soil (11.6 mg/kg) was detected in a sample from 0 to 1 foot bgs at probe 2-40-DP-045, to the north of SWMU 2-41.45 (Quench Tanks) and is below the direct contact exposure pathway screening level of 6,670 mg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including silver. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of silver analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The silver soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in

Attachment F of this document. Isoconcentration contours representing the screening level (0.32 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical silver results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for silver.

As identified in Section 2.4.1.9 of the Work Plan, addressing data gaps for silver in soil required further:

- Lateral delineation north and southwest of AOC 2-31.32 (Deactivated Paint Booths and Sump).
- Lateral delineation at OA 7 (Building 2-40 Soil) near W12-SB2 and north and south of W12-SB3.
- Evaluation of the extent of silver around SWMU 2-41.33 (Deactivated Anodic Tank/Line).

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Silver was not detected (at RLs ranging from 0.3 to 0.4 mg/kg) in nine soil samples collected from the probes (2-40-DP-026, 2-40-DP-036, and 2-40-DP-048) used for evaluation of silver in the north and southwest portion of AOC 2-41.32. Conflicts with building structures and utilities required probes being shifted approximately 20 feet to the southwest. The RLs for three samples, from 0 to 1 ft bgs at 2-40-DP-026 and 9 to 10 ft bgs at 2-40-DP-036 and 2-40-DP-048, exceeded the soil screening level at 0.4 mg/kg. These probes are north and southwest of AOC 2-31.32.

Analytical results for 18 soil samples from six probes (2-40-DP-050, 2-40-DP-058, 2-40-DP-059, 2-40-DP-061, 2-40-DP-068, and 2-40-DP-105) were used to evaluate the extent of silver at OA 7. Silver was detected above the screening level at 0.4 mg/kg in the sample from 5 to 6 ft bgs at 2-40-DP-050, northeast of W12-SB1. This concentration is below the direct contact screening level (6,670 mg/kg). The RLs for all six samples from the 9 to 10 ft interval at these probes exceeded the soil screening level, ranging from 0.4 to 0.5 mg/kg.

Analytical results from 18 soil samples from six probes (2-40-DP-056, 2-40-DP-057, 2-40-DP-075, 2-40-DP-093, 2-40-DP-094, and 2-40-DP-101) were used to evaluate the extent of silver near SWMU 2-41.33. Silver was detected above the screening level, at 1.9 mg/kg, in the sample from 0 to 1 ft bgs at 2-40-DP-093, west of SB-04105. This concentration is below the direct contact exposure level (6,670 mg/kg). The sample from 9 to 10 ft bgs at 2-40-DP-075, which is east of DP-4118, had an RL of 0.4 mg/kg, exceeding the soil screening level of 0.32 mg/kg.

As identified in Section 2.4.1.9 of the Work Plan addressing data gaps for silver via the surface water pathway involves determining whether groundwater was impacted by silver in soils at AOC 2-41-32, OA-7 and SWMU 2-41.33. Dissolved silver was not detected at a concentration greater than the screening level of 1.9 µg/L in any of the groundwater samples associated with the data gap investigation including AOC 2-41-32, OA-7 and SWMU 2-41.33.

5.1.10 Thallium

The scope of the data gap investigation for thallium was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, thallium had been analyzed in 268 soil samples from the 2-40s Area and detected in 57. Of those samples where thallium was detected, 17 were reported at concentrations greater than the 0.67 mg/kg soil screening level protective of surface water. Concentrations of thallium detected above this soil screening level ranged from 5.0 to 30 mg/kg. The maximum concentration (30 mg/kg) was detected in a sample from W12-SB3 in the eastern area of OA 7 (Building 2-40 Soil), and was below the direct contact exposure pathway screening level (86.4 mg/kg). The air pathway is not considered a viable exposure pathway for thallium.

During the 2-40s Area data gap investigation, thallium was analyzed in an additional 336 soil samples from 112 locations. Thallium was detected in 91 of those samples and did not exceed the soil screening level in any sample. Thallium concentrations ranged from 0.1 mg/kg to 0.3 mg/kg. The maximum concentration of thallium in soil (0.3 mg/kg) was detected in two samples from 9 to10 foot bgs at probes 2-40-DP-062 and 2-40-DP-063, in the northern area of OA 7 (Building 2-40 Soil). This concentration is less than both the soil screening level of 0.669 mg/kg and the direct contact exposure pathway screening level of 86.4 mg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including thallium. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of thallium analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The thallium soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (0.669 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical thallium results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for thallium.

As identified in Section 2.4.1.10 of the Work Plan, addressing data gaps for thallium in soil required further:

- Delineation within OA 7 (Building 2-40 Soil).
- Delineation to the north of SWMU 2-41.33 (Deactivated Anodic Tank/Line).
- Lateral delineation around SWMU 2-41.36 (Underflow/Flume).
- Lateral delineation at SWMU 2-41.30 (Manhole Vault).
- Lateral delineation to the south of the Northwest Portion of Building 2-40 near SWMU 2-31.26 (Anodizing Tank Line).

- Evaluation of the extent of thallium in the soil and soil to groundwater pathway throughout the 2-40s Area to achieve the target RLs below the screening level protective of surface water.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Thallium was detected in six soil samples from the probes (2-40-DP-050, 2-40-DP-058, 2-40-DP-059, 2-40-DP-061, 2-40-DP-068, 2-40-DP-098, 2-40-DP-099, and 2-40-DP-105) used to evaluate the extent of thallium within OA 7. All detected concentrations were below the soil screening level, ranging from 0.1 to 0.2 mg/kg.

Groundwater samples from eight locations (PL2-430A, PL2-446A, PL2-447A, 2-40-DP-056, 2-40-DP-057, 2-40-DP-075, 2-40-DP-093 and 2-40-DP-094) were analyzed to evaluate whether thallium has impacted groundwater at SWMU 2-41.33. Thallium was not detected in groundwater samples from any of these eight locations. Thallium was also analyzed in soil samples collected from the five "DP" locations. Thallium was not detected in these samples above the soil screening level. However, it was detected at a concentration of 0.1 mg/kg in one or more of the soil samples collected from (2-40-DP-057, 2-40-DP-075 and 2-40-DP-093).

Analytical results from twelve soil samples from four probes (2-40-DP-031, 2-40-DP-032, 2-40-DP-069, and 2-40-DP-070) were used to evaluate the extent of thallium at SWMU 2-41.36. Thallium was detected below the screening level in four samples from three locations (2-40-DP-031, 2-40-DP-032, and 2-40-DP-069) surrounding SWMU 2-41.36 on the north, south, and west, near the bulkhead wall, at concentrations ranging from 0.1 to 0.2 mg/kg.

Analytical results for nine soil samples from three probes (2-40-DP-019, 2-40-DP-033, 2-40-DP-035) around the manhole vault at SWMU 2-41.30 were used to evaluate the extent of thallium near SWMU 2-41.30. Thallium was detected below the screening level at 0.1 mg/kg in the sample from 0 to 1 ft bgs at 2-40-DP-033.

Analytical results for three soil samples from probe 2-40-DP-046 were used to evaluate the extent of thallium in the northwest portion of Building 2-40. Due to conflict with the "K tunnel" and associated subgrade tunnel rooms, 2-40-DP-046 was shifted to the east to provide delineation for thallium associated with SB-03107. Thallium was detected below the screening level, at 0.2 mg/kg, in the sample from 9 to 10 ft bgs at 2-40-DP-046.

Thallium was analyzed in 336 soil samples collected from 112 locations across the 2-40s area to evaluate the soil and soil to groundwater pathway throughout the 2-40s Area and achieve the target RLs below the screening level protective of surface water. The target RLs were achieved, with RLs for non-detects ranging from 0.09 to 0.2 mg/kg, below the soil screening level of 0.669 mg/kg.

As identified in Section 2.4.1.10 of the Work Plan addressing data gaps for thallium via the surface water pathway involves determining whether groundwater was impacted by thallium in soils at OA-7, OA 18, SWMU 2-41.33, SWMU 2-41.36 and SWMU 2-41.30 and SWMU 2-31.26. Dissolved thallium was not detected at a concentration greater than the screening level of

0.47 µg/L in any of the groundwater samples associated with the data gap investigation including samples associated with the above-listed units.

5.1.11 Zinc

The scope of the data gap investigation for zinc was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, zinc had been analyzed in 268 soil samples from the 2-40s Area and detected in every sample. Of those samples, five were reported at concentrations greater than the 101 mg/kg soil screening level protective of surface water. Zinc concentrations above this soil screening level ranged from 118 to 891 mg/kg. The maximum concentration (891 mg/kg) was detected in a sample from 0.5 feet bgs just west of SWMU 2-41.33 and does not exceed the direct contact exposure pathway screening level of 400,000 mg/kg. The air pathway is not considered a viable pathway for zinc.

During the 2-40s Area data gap investigation, zinc was analyzed in an additional 336 soil samples from 112 locations. Zinc was detected in all 336 samples and exceeded the soil screening level in five of them. Zinc concentrations above the soil screening level ranged from 108 mg/kg to 1,070 mg/kg. The maximum concentration of zinc in soil (1,070 mg/kg) was detected in a sample collected from 0 to 1 feet bgs at probe 2-40-DP-045, to the north of SWMU 2-41.35 (Quench Tanks). This concentration is less than the direct contact exposure pathway screening level of 400,000 mg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including zinc. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of zinc analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The zinc soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (101 mg/kg) have been added to the soil concentration maps. A thorough discussion of historical zinc results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for zinc.

As identified in Section 2.4.1.11 of the Work Plan, addressing data gaps for zinc in soil required further:

- Lateral delineation at OA 18 (2-40s Building East Parking Lot Area) to the north of SB-04025.
- Lateral delineation north and south of SWMU 2-41.33 (Deactivated Anodic Tank Line).

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Zinc was detected below the screening level in all three of the soil samples from the probe (2-40-DP-079) located to the north of SB-04025 and used to evaluate the extent of zinc in the southern portion of OA 18. Concentrations in these samples ranged from 21 to 27 mg/kg.

Analytical results for 15 soil samples from five probes (2-40-DP-056, 2-40-DP-057, 2-40-DP-075, 2-40-DP-093, and 2-40-DP-094) to the north and south of SWMU 2-41.33 were used to evaluate the extent of zinc at SWMU 2-41.33. Zinc was detected below the screening level in all 15 samples, at concentrations ranging from 29 to 85 mg/kg.

As identified in Section 2.4.1.11 of the Work Plan addressing data gaps for zinc via the surface water pathway involves determining whether groundwater was impacted by zinc in soils at OA 18 and SWMU 2-41.33. Dissolved zinc was detected at a concentration greater than the groundwater screening level of 81 µg/L in the A level of the aquifer in one sample, from PL2-440A, at a concentration of 2,510 µg/L. This sample location was identified in the Work Plan to evaluate the soil to groundwater pathway at OA 18.

5.1.12 Cyanide

The scope of the data gap investigation for cyanide was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, cyanide had been analyzed in 174 soil samples from the 2-40s Area and detected in 74. Of those samples where cyanide was detected, 55 were reported at concentrations greater than the 0.202 mg/kg soil screening level protective of surface water. Cyanide concentrations detected above this soil screening level ranged from 0.21 to 4,600 mg/kg. The maximum concentration (4,600 mg/kg) was detected in a sample from 5 feet bgs at PL2-440A, within OA 18, and does not exceed the direct contact exposure pathway screening level of 26,700 mg/kg. The air pathway is not considered a viable pathway for cyanide.

During the 2-40s Area data gap investigation, cyanide was analyzed in an additional 264 soil samples collected from 88 locations. Cyanide was detected in 70 of those samples and exceeded the soil screening level in 22. Cyanide concentrations above the soil screening level ranged from 0.203 mg/kg to 1,130 mg/kg. The maximum concentration of cyanide in soil (1,130 mg/kg) was detected in a sample collected from 4 to 5 feet bgs at PL2-440B, within OA 18 (Building 2-40 East Parking Lot Area), adjacent to PL2-440A. This concentration is less than the direct contact exposure pathway screening level of 26,700 mg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including cyanide. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of cyanide analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The cyanide soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (0.202 mg/kg) have been added to the soil concentration maps. A thorough discussion of

historical cyanide results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for cyanide.

As identified in Section 2.4.1.12 of the Work Plan, addressing data gaps for cyanide in soil required further:

- Delineation within OA 18 (Building 2-40 East Parking Lot Area).
- Delineation around SWMU 2-41.33 (Deactivated Anodic Tank/Line).
- Delineation of the lateral extent surrounding SWMU 2-41.34 (Tunnel Area).
- Characterization northwest of SWMU 2-41.34 (Tunnel Area) near PL2-430A.
- Lateral and vertical delineation at SWMU 2-41.36 (Underflow/Flume).
- Delineation east of OA 13 (Building 2-44 Steam Drain).
- Lateral and vertical delineation in the eastern portion of SWMU 2-41.31 (Machine Pits).
- Definition of the extent to the south of OA 17.8 (Transformer Vaults).
- Delineation to the northeast of SB-03106, at the northwest edge of Building 2-40 near SWMU 2-31.26 (Anodizing Tank Line).
- Evaluation of the extent of cyanide in the soil and soil to groundwater pathway throughout the 2-40s Area to achieve the target RLs below the screening level protective of surface water.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Cyanide was detected in 16 of the 30 soil samples from the ten probes (2-40-DP-001, 2-40-DP-010, 2-40-DP-011, 2-40-DP-047, 2-40-DP-071, 2-40-DP-072, 2-40-DP-073, 2-40-DP-074, 2-40-DP-079, and 2-40-DP-097) used to evaluate the extent of cyanide in OA 18. Detected concentrations ranged from 0.059 to 7.59 mg/kg. Concentrations in ten samples from five locations (2-40-DP-047, 2-40-DP-071, 2-40-DP-073, 2-40-DP-074, and 2-40-DP-097) exceeded the soil screening level of 0.202 mg/kg. The maximum concentration was detected in the sample from 0 to 1 ft bgs at 2-40-DP-071, in the southwest area of OA 18.

Analytical results for 12 soil samples from four probes (2-40-DP-075, 2-40-DP-076, 2-40-DP-093, and 2-40-DP-094) were used to evaluate the extent of cyanide at SWMU 2-41.33. Cyanide was detected in two samples from two locations (2-40-DP-075 and 2-40-DP-094), and exceeded the screening level, at a concentration of 3.76 mg/kg, in the sample from 4 to 5 ft bgs at 2-40-DP-094, which is in the northeast portion of SWMU 2-41.33.

Analytical results for nine soil samples from three probes (2-40-DP-056, 2-40-DP-077, and 2-40-DP-102) were used to evaluate the extent of cyanide at SWMU 2-41.34. Cyanide was not detected above the RL (0.05 to 0.062 mg/kg) in any of these samples.

Cyanide was detected in one of the six samples collected from two probes (2-40-DP-078 and 2-40-DP-101) used to evaluate the extent of cyanide northwest of SWMU 2-41.34 (Tunnel Area) near PL2-430A. Cyanide was detected below the screening level at 0.07 mg/kg in the sample from 4 to 5 ft bgs at 2-40-DP-078, southwest of PL2-430A.

Cyanide was detected in one of the 12 samples from four probes (2-40-DP-031, 2-40-DP-032, 2-40-DP-069, and 2-40-DP-070) used to evaluate the extent of cyanide at SWMU 2-41.36. Cyanide was detected below the screening level at 0.067 mg/kg in the sample from 4 to 5 feet bgs at 2-40-DP-032, southeast of SWMU 2-41.36.

Analytical results for 12 soil samples from four probes (2-40-DP-016, 2-40-DP-082, 2-40-DP-088, and 2-40-DP-089) were used to evaluate the extent of cyanide at and east of OA 13. Cyanide was detected below the screening level in five samples, at concentrations ranging from 0.054 to 0.149 mg/kg. The maximum concentration (0.149 mg/kg) was detected in the sample from 0 to 1 ft bgs at 2-40-DP-082, in the eastern portion of OA 13.

Analytical results for nine soil samples from three probes (2-40-DP-018, 2-40-DP-081, and 2-40-DP-100) identified in the Work Plan were used to evaluate the extent of cyanide in the eastern portion of SWMU 2-41.31. There were no detections above the RL (ranging from 0.048 to 0.062 mg/kg) of cyanide at any of these locations.

Cyanide was detected in two of the nine soil samples collected from three probes (2-40-DP-034, 2-40-DP-103, and 2-40-DP-104) identified in the Work Plan were used to evaluate the extent of cyanide to the south of OA 17.8. The results were 0.059 and 0.147 mg/kg for the 5 and 10 foot bgs depths at 2-40-DP-104, respectively. Neither concentration exceeded the soil screening level nor did the remaining non-detected samples. 2-40-DP-104 is south of OA 17.8.

Cyanide was detected in one of the six samples collected from two probes (2-40-DP-046 and 2-40-DP-080) identified in the Work Plan were used to evaluate the extent of cyanide northeast of SB-03106, at the northwest edge of Building 2-40 near SWMU 2-31.26. Due to conflict with the “K tunnel” and associated subgrade tunnel rooms 2-40-DP-46 was shifted to the east to provide delineation for cyanide associated with SB-03106. The result was 0.111 mg/kg, collected at 10 feet bgs at 2-40-DP-046. This concentration was less than the soil screening level (0.202 mg/kg) and is located northeast of SB-03106.

Cyanide was analyzed in 264 soil samples collected from 88 locations across the 2-40s area to evaluate the soil and soil to groundwater pathway throughout the 2-40s Area and achieve the target RLs below the screening level protective of surface water. The target RLs were achieved, with all RLs ranging from 0.045 to 0.073 mg/kg, which is well below the soil screening level of 0.202 mg/kg.

As identified in Section 2.4.1.12 of the Work Plan addressing data gaps for cyanide via the surface water pathway involves determining whether groundwater was impacted by cyanide in soils at OA 18 and SWMU 2-41.33. WAD cyanide was detected at concentrations greater than the groundwater screening level of 5 µg/L in the A level of the aquifer at six sample locations. WAD cyanide was detected at a concentration 248 µg/L in the sample from PL2-440A. The sample location was identified in the Work Plan to evaluate the soil to groundwater pathway at

OA 18. WAD cyanide was also detected at concentrations greater than the screening level in five other groundwater samples at concentrations ranging between 7.0 µg/L and 56 µg/L.

5.2 SEMIVOLATILE ORGANIC COMPOUNDS AND POLYCHLORINATED BIPHENYLS

Soil samples for the 2-40s Area data gap investigation were analyzed for SVOCs and PCBs in accordance with Table 2-2 in the Work Plan. Using both historical data and data gap investigation results, all site-wide SVOC (including carcinogenic polycyclic aromatic hydrocarbons) and PCB soil COCs were screened to determine which site-wide constituents were soil COCs for the 2-40s Area, as described in Section 2.4 of the Work Plan. Aroclor 1262 and acenaphthene have been identified as a new site-wide soil COCs and have been added to both the site-wide and 2-40s Area soil COC lists. The following SVOCs and PCBs are COCs in soil for the 2-40s Area:

Acenaphthene	Benzo(a) anthracene*	Benzo(a)pyrene*	Benzo(b) fluoranthene*
Benzo(k) fluoranthene*	Chrysene*	Dibenz(a,h) anthracene*	Fluoranthene
Indeno(1,2,3-cd)pyrene*	Aroclor 1248	Aroclor 1254	Aroclor 1260
Aroclor 1262	Total PCBs		

* indicates compound is a cPAH

The SVOC and PCB data generated by the data gap investigation are summarized in Sections 5.2.1 through 5.2.5. A number of the data gaps identified for SVOCs and PCBs in Section 2.4 of the Work Plan involved determining whether the soil had impacted the groundwater.

5.2.1 Carcinogenic Polycyclic Aromatic Hydrocarbons

Within the SVOC standard suite of compounds are seven carcinogenic polycyclic aromatic hydrocarbons (cPAHs): benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k) fluoranthene, chrysene, dibenz(a,h)fluoranthene and indeno(1,2,3-cd)pyrene). The scope of the data gap investigation for cPAHs was based on historical information and data in the Plant 2 RCRA database and screening levels at the time the Work Plan was written. At that time, SVOCs, which include the cPAH constituents, had been analyzed in 203 soil samples from the 2-40s Area. One or more of the seven cPAHs had been detected in 64 soil samples.

During the 2-40s Area data gap investigation, in every sample where a cPAH was detected above its screening level, chrysene was also detected above its screening level. Therefore, the pathway evaluation for cPAHs is conducted using chrysene as a surrogate for the entire group. Chrysene exceeded the soil screening level protective of surface water (46.6 µg/kg) in 21 of the 59 samples in which it was detected. Chrysene was detected above the direct contact screening level (3,420 µg/kg) in eight samples. These samples were located within OA 18

Building (2-40 East Parking Lot Area), in and around OA 7 (Building 2-40 Soil), northeast and northwest of SWMU 2-41.31, and north of SWMU 2-41.36. The maximum concentration of chrysene (53,000 µg/kg) was detected in a sample from 0 to 1 feet bgs at 2-40-DP-071 within OA 18. The air pathway is not considered a viable exposure pathway for chrysene or the other cPAHs.

Tables 5-1b and 5-1c presents analytical data for constituents detected in 2-40s Area data gap samples including the cPAHs. Tables 5-2b and 5-2c presents all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides individual tables of analytical results for each of the cPAHs for all historical and data gap investigation samples presenting locations, concentrations, and depths. Soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps with historical and data gap investigation data for benzo(a)anthracene benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)fluoranthene and indeno(1,2,3-cd)pyrene with isoconcentration contours representing their respective screening levels are also provided in Attachment F. A thorough discussion of historical cPAHs results before the data gap investigation are provided in the Work Plan; the following paragraphs provide a brief summary of the data gap investigation results for chrysene (cPAHs):

As identified in Section 2.4.2.1 of the Work Plan, addressing data gaps for chrysene in soil required further:

- Lateral delineation in and adjacent to the north end of OA 18 (2-40s Building East Parking Lot Area) and evaluate the soil to groundwater pathway in the vicinity of OA 18.
- Lateral delineation in and adjacent to the eastern corner of SWMU 2-41.31 (Machine Pits) and evaluate the soil to groundwater pathway in the vicinity of SWMU 2-41.31.
- Additional delineation for shallow soil in the center of OA 7 (Building 2-40 Soil).
- Delineation of the lateral extent east and south of Sumps SPL-040-031 through SPL-040-039.
- Analysis of chrysene in the vicinity of OA 7 Building 2-40 Soil, SWMU 2-41.33 (Deactivated Anodic Tank Line) and particularly SWMU 2-41.36 (Underflow Flume) to achieve the target RLs below the screening levels protective of surface water.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Analytical results for 27 samples from nine probes (2-40-DP-001, 2-40-DP-011, 2-40-DP-071, 2-40-DP-072, 2-40-DP-073, 2-40-DP-074, 2-40-DP-079, 2-40-DP-096, and 2-40-DP-097) were used to evaluate the extent of chrysene within and adjacent to the north end of OA 18. Chrysene was detected above the screening level in nine samples from five locations (2-40-DP-071, 2-40-DP-072, 2-40-DP-073, 2-40-DP-074, and 2-40-DP-097), at concentrations ranging

from 140 to 53,000 µg/kg. These samples were all located within the southern and eastern portion of OA 18.

Analytical results for 18 samples from six probes (2-40-DP-017, 2-40-DP-018, 2-40-DP-028, 2-40-DP-081, 2-40-DP-086, and 2-40-DP-100) were used to evaluate the extent of chrysene at the eastern corner of SWMU 2-41.31. Chrysene was detected in five samples from four locations. Chrysene concentrations exceeded screening levels in samples from 0 to 1 ft bgs at both 2-40-DP-086 and 2-40-DP100, at concentrations of 170 and 80 µg/kg, respectively. Both these locations are in the northeast corner of SWMU 2-41.31.

The analytical results from 30 soil samples collected from ten probes (2-40-DP-005, 2-40-DP-013, 2-40-DP-050, 2-40-DP-058, 2-40-DP-059, 2-40-DP-060, 2-40-DP-061, 2-40-DP-068, 2-40-DP-098, and 2-40-DP-099) were used to evaluate the extent of chrysene at OA 7 and east of OA 7. Chrysene was detected in 16 samples from all ten locations, and exceeded the screening level in six samples from six locations (2-40-DP-005, 2-40-DP-058, 2-40-DP-059, 2-40-DP-061, 2-40-DP-098, and 2-40-DP-099), at concentrations ranging from 56 to 530 µg/kg.

Analytical results for nine samples from three probes (2-40-DP-24, 2-40-DP-53, and 2-40-DP-95) were used to evaluate the extent of chrysene east and south of sumps SPL-040-031 through SPL-040-039. Chrysene was detected, at concentrations below the screening level, in five samples from all three locations.

Analytical results for 18 samples from six probes (2-40-DP-056, 2-40-DP-057, 2-40-DP-075, 2-40-DP-076, 2-40-DP-093, and 2-40-DP-094) were used to evaluate the extent of chrysene in soil near SWMU 2-41.33 and to achieve the target RLs near SWMU 2-41.36. Chrysene was detected in eight samples from six locations, and exceeded the screening level in the sample from 0 to 1 ft bgs at 2-40-DP-076, at a concentration of 76 µg/kg. 2-40-DP-076 is on the southeastern side of SWMU 2-41.36.

The RLs associated with the analysis of chrysene by EPA Method 8270C were above the soil screening level protective of surface water for a number of samples in the vicinity of OA 7, SWMU 2-41.33 and particularly from the vicinity of SWMU 2-41.36. The RLs associated with the analysis for chrysene by EPA Method 8270 SIM ranged from 4.8 to 5.0 µg/kg, below the screening level. RLs for the other cPAHs analyzed by EPA Method 8270 SIM were comparable to chrysene results.

As identified in Section 2.4.2.1 of the Work Plan, addressing data gaps for chrysene (cPAHs) via the surface water pathway involves determining whether groundwater was impacted by chrysene in soils at OA 18 and SWMU 2-41.31. Neither chrysene nor any other cPAHs were detected at concentrations greater than their groundwater screening levels in samples from locations identified in the Work Plan.

5.2.2 Acenaphthene

Acenaphthene was not a Boeing Plant 2 soil COC before the 2-40s Area data gap investigation. Acenaphthene had previously been analyzed in 203 soil samples from the 2-40s Area and detected in 19 of those samples. Of the samples where acenaphthene was detected, all were

reported at concentrations below the 32,400 µg/kg soil screening level protective of surface water.

During the 2-40s Area data gap investigation, acenaphthene was analyzed in an additional 147 soil samples from 49 locations, and detected in 22 samples. One sample, from 0 to 1 ft bgs at PL2-440B, exceeded the soil screening level, at a concentration of 53,000 µg/kg. PL2-440B is in the northeastern portion of the OA18 Building (2-40 East Parking Lot Area).

Tables 5-1b and 5-1c present analytical data for constituents detected in the 2-40s Area data gap samples, including acenaphthene. Tables 5-2b and 5-2c present all analytical results for the 2-40s Area data gap investigation.

Attachment F provides a table of acenaphthene analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. Acenaphthene soil concentration maps are provided in Attachment F of this document. Isoconcentration contours representing the soil screening level (32,400 µg/kg) are included on to the maps.

5.2.3 Fluoranthene

The scope of the data gap investigation for fluoranthene was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, fluoranthene had been analyzed in 203 soil samples from the 2-40s Area and detected in 72. Of those samples where fluoranthene was detected, five were reported at concentrations greater than the 44,000 µg/kg soil screening level protective of surface water. Fluoranthene concentrations above this soil screening level ranged from 44,000 to 410,000 µg/kg. The maximum concentration (410,000 µg/kg) was detected in a soil sample from 3 ft bgs at SB-04026 in the central portion of OA 18 (Building 2-40 East Parking Lot Area). The maximum detected concentration did not exceed the direct contact exposure pathway screening level (26,700,000 µg/kg). The air pathway is not considered a viable exposure pathway for fluoranthene.

During the 2-40s Area data gap investigation, fluoranthene was analyzed in an additional 147 soil samples collected from 49 locations. Fluoranthene was detected in 67 of those samples and exceeded the soil screening level (44,000 µg/kg) in four of them. Fluoranthene concentrations above the soil screening level ranged from 46,000 to 140,000 µg/kg. The maximum concentration of fluoranthene in soil was detected in a sample from 4 to 5 feet bgs at PL2-440B, in the northeastern area of OA 18 (Building 2-40 East Parking Lot Area). This concentration exceeds the soil screening level of 44,000 µg/kg, but is below the direct contact exposure pathway screening level of 26,700,000 µg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including fluoranthene. Tables 5-2b and 5-2c presents all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of fluoranthene analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The fluoranthene soil concentration maps presented in Attachment B of the Work Plan were revised to include the

data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (44,000 µg/kg) have been added to the soil concentration maps. A thorough discussion of historical fluoranthene results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for fluoranthene.

As identified in Section 2.4.2.3 of the Work Plan addressing data gaps for fluoranthene via the surface water pathway involves determining whether groundwater was impacted by fluoranthene in soils at OA 18. Fluoranthene is not a groundwater COC was not detected at a concentration greater than the screening level in any of the groundwater samples associated with the data gap investigation including those associated with OA 18.

5.2.4 Polychlorinated Biphenyls

The scope of the data gap investigation for PCBs was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. Total PCBs are reported as the sum of detected Aroclors. At that time, PCBs, reported as Aroclors, had been analyzed in 219 soil samples from the 2-40s Area and detected in 13 of those samples. All 13 samples exceed the PCB screening level (33 µg/kg). The screening level for PCBs is based on protection of surface water adjusted to the laboratory's RL, with the acknowledgment that it exceeds the risk-based level. Direct contact screening levels have been established for Aroclors 1016/1242 (46,700 µg/kg) and 1254 (13,300 µg/kg) only. Aroclor 1016/1242 was not detected above a 33 µg/kg RL in 2-40s Area soil samples. Detected concentrations of Aroclor 1254 did not exceed the direct contact pathway screening level. The air pathway is not considered a viable exposure pathway for PCBs.

Aroclors 1248, 1254, and 1260 were soil COCs prior to the 2-40s Area data gap investigation. During the investigation, nine PCB Aroclors were analyzed in an additional 114 soil samples from 38 locations. Four Aroclors (1248, 1254 and 1262) were detected, and Aroclor 1262 became a new soil COC. Total PCBs were detected above the screening level (33 µg/kg) in three samples, at concentrations ranging from 46 to 610 µg/kg. The maximum concentration of total PCBs in soil was detected in a sample collected from 4 to 5 feet bgs at 2-40-DP-094, in the northeastern area of SWMU 2-41.33 (Deactivated/Anodic Tank/Line). This concentration does not exceed the direct contact screening levels established for individual Aroclors.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including PCBs. Tables 5-2b and 5-2c presents all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of PCB analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The PCB soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (33 µg/kg) have been added to the soil concentration maps. A thorough discussion of historical PCBs results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for PCBs.

As identified in Section 2.4.2.4 of the Work Plan, addressing data gaps for PCBs in soil required further:

- Delineation at OA 21 (Building 2-44 Machine Shop Area) to the east and southwest.
- Delineation in the northern part of SWMU 2-41.31 (Machine Pits).
- Delineation in and adjacent to the western corner of OA 17.6 (Transformer Vaults).
- Delineation at SWMU 2-41.33 (Deactivated Anodic Tank/Line) to the east and west and down gradient of the unit.
- Evaluation of the extent of PCBs in the soil and soil to groundwater pathway throughout OA 7 (Building 2-40 Soil); and SW-13 and SW-08, adjacent to the boundary of the 2-31 Area (north central portion of the 2-40s Area) to achieve the target RLs below the screening level protective of surface water.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5 and 9 to 10 feet bgs.

PCBs were detected in one of the six soil samples collected from the probes (2-40-DP-006 and 2-40-DP-013) used to evaluate PCBs to the east and southwest OA 21. PCBs were detected above the screening level, at 46 µg/kg, in the sample from 0 to 1 ft bgs at 2-40-DP-013, which is southwest of OA 21.

Analytical results for 18 soil samples from six probes (2-40-DP-029, 2-40-DP-051, 2-40-DP-052, 2-40-DP-083, 2-40-DP-091, and 2-40-DP-092) were used to evaluate the extent of PCBs in the northern part of SWMU 2-41.31. PCBs were detected above the screening level, at 99 µg/kg, in the sample from 1 ft bgs at 2-40-DP-091, in the northern part of SWMU 2-41.31.

Analytical results for three soil samples from probe (2-40-DP-016) were used to evaluate the extent of PCBs west of OA 17.6. PCBs were not detected (above an RL of 33 µg/kg) in the three samples from this probe.

Analytical results for nine soil samples from three probes (2-40-DP-057, 2-40-DP-093, and 2-40-DP-094) were used to evaluate the extent of PCBs to the east, west, and down gradient of SWMU 2-41.33. PCBs were detected at 610 µg/kg in the sample from 4 to 5 feet bgs at 2-40-DP-094, in the northeastern area of SWMU 2-41.33. PCBs were not detected (at an RL of 30 µg/kg) in samples from 0 to 1 and 9 to 10 feet bgs at this location.

Analytical results for 30 samples from ten probes (2-40-DP-050, 2-40-DP-058, 2-40-DP-059, 2-40-DP-060, 2-40-DP-061, 2-40-DP-063, 2-40-DP-068, 2-40-DP-098, 2-40-DP-099, and 2-40-DP-105) were used to evaluate the extent of PCBs in the soil and soil to groundwater pathway throughout OA 7, and to achieve the target RLs below the screening level protective of surface water (33 µg/kg). PCBs were not detected at any of these locations and the target RL was achieved for all samples.

Analytical results for 21 soil samples from seven probes (2-40-DP-012, 2-40-DP-021, 2-40-DP-022, 2-40-DP-046, 2-40-DP-062, 2-40-DP-067, and 2-40-DP-080) were used to evaluate the extent of PCBs near SW-13 and SW-08, adjacent to the boundary of the 2-31 Area (north

central portion of the 2-40s Area) and to achieve the target RLs below the screening level protective of surface water (33 µg/kg). PCBs were not detected at any of these locations and the target RL was achieved for all samples.

As identified in Section 2.4.2.4 of the Work Plan addressing data gaps for PCBs via the surface water pathway involves determining whether groundwater was impacted by PCBs in soils at OA 21, OA 17.6, SWMU 2-41.31 and SWMU 2-41.33. PCBs were detected in the A level groundwater samples collected from 2-40-DP-013 and 2-40-DP-093 at concentrations of 0.016 and 0.025 µg/kg, respectively. These concentrations are greater than the PCB screening level of 0.01 µg/L. 2-40-DP-013 and 2-40-DP-093 were identified in the Work Plan for evaluation of the soil to groundwater pathway at OA 21 and SWMU 2-41.33, respectively.

5.3 VOLATILE ORGANIC COMPOUNDS

During the 2-40s Area data gap investigation, soil samples were analyzed for VOCs in accordance with Table 2-2 of the Work Plan. Using both historical data and 2-40s Area data gap investigation results, all site-wide VOC soil COCs were screened to determine which site-wide constituents were soil COCs for the 2-40s Area, as described in Section 2.4 of the Work Plan. Benzene and styrene were identified as new soil COCs for the 2-40s Area; styrene is a new site-wide soil COC. The following seven VOCs are COCs in soil for the 2-40s Area:

1,1-Dichloroethene	Benzene	cis-1,2-Dichloroethene	Naphthalene
Styrene	Trichloroethene	Vinyl Chloride	

Data gaps in the Work Plan for VOCs were evaluated in part based on the preliminary Plant 2 2004 air pathway screening levels. Site-specific air pathway screening levels were subsequently developed in Attachment C of Volume II of this CMS for each sub area at Plant 2 and accepted by EPA. The VOC data generated by the data gap investigation is summarized in Sections 5.3.1 through 5.3.7 below. Discussion of results will be presented respective of the site-specific air pathway screening levels presented in Volume II Attachment C as applicable with the exception of cis-1,2-dichloroethene. In Volume II, Attachment C site-specific air screening values are not provided for cis-1,2-dichloroethene; therefore, the original preliminary Plant 2 air pathway screening level used in the Work Plan will be used in this volume of the CMS. A number of the data gaps identified for VOCs in Section 2.4 of the Work Plan involved evaluating whether the soil to groundwater pathway is complete. The definition of a complete soil to groundwater pathway is provided in Section 2.1 of the Work Plan.

5.3.1 1,1-Dichloroethene

The scope of the data gap investigation for 1,1-dichloroethene was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, 1,1-dichloroethene had been analyzed in 175 soil samples from the 2-40s Area and detected in one. The sole detected concentration (8.4 µg/kg) exceeded the soil screening level

protective of surface water (2.73 µg/kg). This maximum concentration (8.4 µg/kg) was detected in the soil sample collected from 11 to 12 ft bgs at SW-17, near the northwest corner of SWMU 2-41.31 (Machine Pits). This sample did not exceed the air pathway screening level (64 µg/kg) nor the direct contact pathway screening level (124,000 µg/kg).

During the 2-40s Area data gap investigation, 1,1-dichloroethene was analyzed in an additional 336 soil samples from 112 locations. 1,1-dichloroethene was not detected above the RL in any data gap investigation samples.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including 1,1-dichloroethene. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of 1,1-dichloroethene analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The 1,1-dichloroethene soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (2.73 µg/kg) have been added to the soil concentration maps. A thorough discussion of historical 1,1-dichloroethene results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for 1,1-dichloroethene.

As identified in Section 2.4.3.1 of the Work Plan, addressing data gaps for 1,1-dichloroethene in soil required further:

- Delineation of the lateral extent near the northwest corner of SWMU 2-41.31 (Machine Pits) to the north and east of SW-17.
- Evaluation of the extent of 1,1-dichloroethene in the soil and soil to groundwater pathway throughout the 2-40s Area to achieve the target RLs below the screening level protective of surface water.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Analytical results for 15 samples from five probes (2-40-DP-037, 2-40-DP-038, 2-40-DP-039, 2-40-DP-084, and 2-40-DP-085) were used to evaluate the extent of 1,1-dichloroethene in the northwest corner of SWMU 2-41.31. 1,1-dichloroethene was not detected in any of these samples.

As identified in Section 2.4.1.9 of the Work Plan, addressing data gaps for 1,1-dichloroethene via the surface water pathway involves determining whether groundwater was impacted by 1,1-dichloroethene at SWMU 2-41.31. 1,1-dichloroethene was not detected at a concentration greater than RLs in any of the A level groundwater samples associated with the data gap investigation, including those in the vicinity of SWMU 2-41.31.

5.3.2 Benzene

Benzene. which was not a 2-40s Area soil COC before the data gap investigation, had previously been analyzed in 175 2-40s Area soil samples and detected in three of those samples. All three were reported at concentrations below the 25.3 µg/kg soil screening level protective of surface water.

During the 2-40s Area data gap investigation, benzene was analyzed in an additional 336 soil samples from 112 locations. Benzene was detected in 86 of those samples and exceeded the soil screening level (25.3 µg/kg) in four, at concentrations ranging from 73 to 730 µg/kg. The maximum concentration was detected in a sample from 0 to 1 feet bgs at PL2-440B, in the northeastern area of OA 18 (Building 2-40 East Parking Lot Area). The concentration in this sample exceeded the air pathway screening level (419 µg/kg), but not the direct contact screening level (1,360,000 µg/kg).

Tables 5-1b and 5-1c present analytical data for constituents detected in the 2-40s Area data gap samples, including benzene. Tables 5-2b and 5-2c present all analytical results for the 2-40s Area data gap investigation.

Attachment F provides a table of benzene analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The benzene soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the soil screening level (25.3 µg/kg) have been added to the soil concentration maps. The following paragraphs provide a brief summary of the data gap investigation results for benzene.

There were no data gaps identified for benzene in the Work Plan because it was not a 2-40s Area soil COC.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

In addition to the maximum detection addressed above, benzene was detected above the soil screening level in three data gap investigation samples, at the following concentrations: 200 µg/kg in a sample from 1 ft bgs at 2-40-DP-073, in the eastern portion of the OA 18 Building; 73 µg/kg in a sample from 9 to 10 ft bgs at 2-40-DP-026, near AOC 2-41.32 (Deactivated Paint Booths and Sump); and 110 µg/kg in a sample from 9 to 10 ft bgs at 2-40-DP-090, in the western corner of SWMU 2-41.31 (Machine Pits), near AST PLA-41.

Benzene was detected at concentrations greater than the groundwater screening level (4.48 µg/L) in three A-level groundwater samples, from 2-40-DP-003, 2-40-DP-060, and 2-40-DP-105. 2-40-DP-060 and 2-40-DP-105 are associated with OA 7 (Building 2-40s Soil) and 2-40-DP-003 is located southeast of OA 18 (Building 2-40 East Parking Lot Area)

5.3.3 cis-1,2-dichloroethene

The scope of the data gap investigation for cis-1,2-dichloroethene was based on historical information and data sets contained in the Plant 2 RCRA database at the time the Work Plan was written. At that time, cis-1,2-dichloroethene had been analyzed in 175 soil samples from the 2-40s Area and detected in a total of 18. Two samples, from 6 and 9 ft bgs at DP-4005, were reported at concentrations (1,100 and 940 µg/kg, respectively) greater than the air pathway screening level (794 µg/kg). DP-4005 is located east of Sumps SPL-040-019 through SPL-040-030. None of the detected concentrations exceeded the soil screening level protective of surface water (7,725 µg/kg) or the direct contact pathway screening level (7,990,000 µg/kg).

During the 2-40s Area data gap investigation, cis-1,2-dichloroethene was analyzed in an additional 336 soil samples from 112 locations, and detected in 16 of those samples. Detected concentrations were all below the screening level, ranging from 1.1 µg/kg to 20 µg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including cis-1,2-dichloroethene. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of cis-1,2-dichloroethene analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The cis-1,2-dichloroethene soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (794 µg/kg) have been added to the soil concentration maps. A thorough discussion of historical cis-1,2-dichloroethene results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for cis-1,2-dichloroethene.

As identified in Section 2.4.3.2 of the Work Plan, addressing data gaps for cis-1,2-dichloroethene in soil required further:

- Lateral delineation in the vicinity of Sumps SPL-040-019 through SPL-040-030, particularly to the east of DP-4005.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Analytical results for nine soil samples from three probes (2-40-DP-023, 2-40-DP-053, and 2-40-DP-095) were used to evaluate the extent of cis-1,2-dichloroethene east of Sumps SPL-040-019 through SPL-040-030. Cis-1,2-dichloroethene was not detected above RLs (ranging from 0.9 to 1.6 µg/kg) in any of these samples.

5.3.4 Naphthalene

The scope of the data gap investigation for naphthalene was based on historical information and data sets contained in the Plant 2 RCRA database at the time the Work Plan was written. At

that time, naphthalene had been analyzed in 216 soil samples from the 2-40s Area and detected in 31. Naphthalene was detected above the 39,400 µg/kg air pathway screening level in four samples from three locations (SB-04011, SB-04026, and SB-04028), at concentrations ranging from 40,000 to 520,000 µg/kg. Concentrations in two of these samples also exceeded the soil screening level protective of surface water (68,042 µg/kg). The maximum concentration was detected in the sample from 3 ft bgs at SB-04026, in the central portion of OA 18 (Building 2-40 East Parking Lot Area). None of the detected concentrations exceeded the direct contact pathway screening level (14,400,000 µg/kg).

During the 2-40s Area data gap investigation, naphthalene was analyzed in an additional 336 soil samples from 112 locations, and detected in 39. Concentrations in two samples, from 0 to 1 ft bgs and 4 to 5 ft bgs at PL2-440B, exceeded the air pathway screening level, at 58,000 µg/kg and 95,000 µg/kg, respectively. Both concentrations in these two samples are below the direct contact exposure pathway screening level (14,400,000 µg/kg).

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including naphthalene. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of naphthalene analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The naphthalene soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (68,000 µg/kg) have been added to the soil concentration maps. A thorough discussion of historical naphthalene results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for naphthalene.

As identified in Section 2.4.3.3 of the Work Plan, there were no data gaps identified for naphthalene, but VOCs, including naphthalene were to be analyzed in both the soil and groundwater from all sampling locations in the 2-40s Area.

Soil samples were collected at the standard sample depths of 0 to1, 4 to 5, and 9 to 10 feet bgs.

5.3.5 Styrene

Styrene, which was not a 2-40s Area soil COC before the data gap investigation, had previously been analyzed in 175 2-40s Area soil samples and detected in two of those samples. Both concentrations were below the 71 µg/kg soil screening level protective of surface water.

During the 2-40s Area data gap investigation, styrene was analyzed in an additional 336 soil samples from 112 locations and detected in two. Styrene was detected above the screening level, at 400 µg/kg, in a sample from 4 to 5 feet bgs at PL2-440B, in the northeastern area of OA 18 (Building 2-40 East Parking Lot Area). Styrene was not detected above the air pathway screening level (465,000 µg/kg) or the direct contact screening level (1,820,000 µg/kg).

Tables 5-1b and 5-1c present analytical data for constituents detected in the 2-40s Area data gap samples, including styrene. Tables 5-2b and 5-2c present all analytical results for the 2-40s Area data gap investigation.

Attachment F provides a table of styrene analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The styrene soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the soil screening level (71 µg/kg) have been added to the soil concentration maps.

As styrene was not previously identified as a soil COC there were no data gaps identified for styrene, but VOCs, including styrene were analyzed in both the soil and groundwater from all sampling locations in the 2-40s Area.

Soil samples were collected at the standard sample depths of 0 to1, 4 to 5, and 9 to 10 feet bgs.

5.3.6 Trichloroethene

The scope of the data gap investigation for trichloroethene was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, trichloroethene had been analyzed in 175 soil samples from the 2-40s Area and detected in 27. Trichloroethene was detected above screening level protective of surface water (2.0 µg/kg) in 24 samples, at concentrations ranging from 2.4 to 440 µg/kg. Concentrations in seven of the 24 samples also exceeded the air pathway screening level (29 µg/kg). Trichloroethene was not detected above the direct contact pathway screening level (136,000 µg/kg). The maximum concentration was detected in a sample from 12 ft bgs at SB-04105 within SWMU 2-41.33 (Deactivated Anodic Tank/Line).

During the 2-40s Area data gap investigation, trichloroethene was analyzed in an additional 336 samples from 112 locations. Trichloroethene was detected in 76 of those samples and exceeded the soil screening level (2 µg/kg) in 67, at concentrations ranging from 2.1 to 1,300 µg/kg. Trichloroethene concentrations in 18 samples also exceeded the air pathway screening level (29 µg/kg), ranging from 30 to 1,300 µg/kg. The maximum concentration was detected in a sample from 9 to 10 feet bgs at 2-40-DP-019, east of AOC 2-41.29 (TCE Degreaser), near the 2-40s Area rear bulkhead wall. This concentration is below the direct contact exposure pathway screening level of 136,000 µg/kg, but above the soil screening level (2 µg/kg) and the air pathway screening level (29 µg/kg).

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including trichloroethene. Tables 5-2b and 5-2c presents all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of trichloroethene analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The trichloroethene soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps and cross-sections are also

provided in Attachment F of this document. Isoconcentration contours representing the screening level (2 µg/kg) have been added to the soil concentration maps. A thorough discussion of historical trichloroethene results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for trichloroethene.

As identified in Section 2.4.3.4 of the Work Plan, addressing data gaps for trichloroethene in soil required further:

- Delineation of trichloroethene near SWMU 2-41-33 (Deactivated Anodic Tank Line) to confirm that groundwater has been impacted by trichloroethene.
- Lateral delineation at AOC 2-41.32 (Deactivated Paint Booth and Sump), particularly to the east of SB-04107.
- Delineation of the lateral extent of trichloroethene at SWMU 2-41.30 (Manhole Vault).
- Delineation of trichloroethene to the west of PL2-410A, just outside of OA 13 (Building 2-44 Steam Drain).
- Lateral and vertical delineation in the vicinity of Sumps SPL 040-019 through SPL-040-030, particularly to the east of DP-4005.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

Analytical results for 21 soil samples from seven probes (2-40-DP-056, 2-40-DP-057, 2-40-DP-075, 2-40-DP-076, 2-40-DP-093, 2-40-DP-094, and 2-40-DP-101) were used to evaluate the extent trichloroethene in the soil and groundwater near SWMU 2-41-33. Trichloroethene was detected in 19 samples, at concentrations ranging from 1.1 to 1,200 µg/kg. Concentrations exceeded the soil screening level in 18 samples and the air pathway screening level in seven samples.

Analytical results for nine samples from three probes (2-40-DP-026, 2-40-DP-036 and 2-40-DP-048) were used to evaluate the extent of trichloroethene at AOC 2-41.32. Conflicts with building structures and subsurface utilities required boring locations to be shifted approximately 20 feet to the southwest. Trichloroethene was detected in seven of the nine samples, at concentrations ranging from 3.5 to 150 µg/kg, all above the soil screening level protective of surface water. Four samples from two locations also exceeded the air pathway screening level: trichloroethene was detected in samples from 0 to 1 and 4 to 5 ft bgs at 2-40-DP-048 and 2-40-DP-036, at concentrations ranging from 43 to 150 µg/kg.

Trichloroethene was detected above the screening level protective of surface water in all nine samples from three probes (2-40-DP-019, 2-40-DP-033, and 2-40-DP-035) used to evaluate the extent of trichloroethene near SWMU 2-41.30. Concentrations in these samples ranged from 3.8 to 1,300 µg/kg. Concentrations in three samples from one location (2-40-DP-019) also exceeded the air pathway screening level (29 µg/kg), at concentrations ranging from 45 to 1,300 µg/kg.

Analytical results for 15 samples from five probes (2-40-DP-082, 2-40-DP-087, 2-40-DP-088, 2-40-DP-089, and 2-40-DP-090) were used to evaluate the extent of trichloroethene west of PL2-410A, on the west side of OA 13. Trichloroethene was not detected in these samples with one exception. Trichloroethene was detected at 1.6 µg/kg in the sample from 4 to 5 ft bgs at 2-40-DP-090, which is below the trichloroethene soil screening level.

Analytical results for nine samples from three probes (2-40-DP-023, 2-40-DP-053, and 2-40-DP-095) were used to evaluate the extent of trichloroethene in the vicinity of Sumps SPL 040-019 through SPL-040-030, particularly to the east of DP-4005. Trichloroethene was detected above the screening level protective of surface water in samples from 0 to 1 and 4 to 5 foot bgs at 2-40-DP-023, at 16 and 9.2 µg/kg, respectively. Both concentrations are below the air pathway screening level (29 µg/kg). 2-40-DP-023 is located east of Sumps SPL 040-019 through SPL-040-030.

As identified in Section 2.4.3.4 of the Work Plan, addressing data gaps for trichloroethene via the surface water pathway involves determining whether groundwater was impacted by trichloroethene in soils at SWMU 2-41.33, AOC 2-41.32, and SWMU 2-41.30. Trichloroethene was detected at concentrations greater than the groundwater screening level (0.302 µg/L) in the A level of the aquifer in 18 samples. Trichloroethene was detected at concentrations greater than the screening level at SWMU 2-41.33 in five groundwater samples, at concentrations ranging from 0.7 to 18 µg/L, and at SWMU 2-41.30 in two groundwater samples, at 0.8 and 1.2 µg/L. Trichloroethene was not detected at a concentration greater than the screening level in groundwater samples associated with AOC 2-41.32.

5.3.7 Vinyl Chloride

The scope of the data gap investigation for vinyl chloride was based on historical information and data in the Plant 2 RCRA database at the time the Work Plan was written. At that time, vinyl chloride had been analyzed in 175 soil samples from the 2-40s Area and detected in one, at a concentration (17 µg/kg) above the soil screening level protective of surface water (4.59 µg/kg), but below both the direct contact (49,700 µg/kg) and air pathway (365 µg/kg) screening levels. The sample was collected from 8 ft bgs at SB-04107 at AOC 2-41.32 (Deactivated Paint Booths and Sump).

During the 2-40s Area data gap investigation, vinyl chloride was analyzed in an additional 336 soil samples collected from 112 locations and detected in one. Vinyl chloride was detected at 4 µg/kg in a sample from 9 to 10 ft at 2-40-DP-048, to the west of AOC 2-41.32 (Deactivated Paint Booths and Sump). This concentration is below the soil screening level (4.59 µg/kg), the air pathway screening level (365 µg/kg), and the direct contact screening level (49,700 µg/kg).

Tables 5-1b and 5-1c presents analytical data for constituents detected in 2-40s Area data gap samples, including vinyl chloride. Tables 5-2b and 5-2c presents all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of vinyl chloride analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The vinyl chloride soil concentration maps presented in Attachment B of the Work Plan were revised to include the

data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level (4.59 µg/kg) have been added to the soil concentration maps. A thorough discussion of historical vinyl chloride results before the data gap investigation is provided in the Work Plan; the following provides a brief summary of the data gap investigation results for vinyl chloride.

As identified in Section 2.4.3.5 of the Work Plan, there were no data gaps identified for vinyl chloride in soils, but VOCs, including vinyl chloride were to be analyzed in both the soil and groundwater from all sampling locations in the 2-40s Area to determine the soil to groundwater pathway.

Soil samples were collected at the standard sample depths of 0 to 1, 4 to 5, and 9 to 10 feet bgs.

As identified in Section 2.4.3.5 of the Work Plan, addressing data gaps for vinyl chloride via the surface water pathway involves determining whether groundwater was impacted by vinyl chloride in soils at AOC 2-41.32. Vinyl chloride was detected in groundwater from the six A level sample locations identified in the Work Plan to evaluate the soil to groundwater pathway at AOC 2-41.32, and exceeded the screening level in three samples, at concentrations ranging from 0.8 to 1.1 µg/L.

5.4 PETROLEUM HYDROCARBONS

During the 2-40s Area data gap investigation, soil samples were analyzed for petroleum hydrocarbons in accordance with Work Plan Table 2-2. Using both historical data and 2-40s Area data gap investigation results, petroleum hydrocarbons were again screened to identify soil COCs for the 2-40s Area, as described in Work Plan Section 2.4.4. The resulting soil COC list is identical to that presented in Section 2.4.4 in the Work Plan. The following four petroleum hydrocarbons are COCs in soil for the 2-40s Area:

Total Petroleum Hydrocarbons (TPH)	Diesel Range Petroleum Hydrocarbons (DRPH)
Gasoline Range Petroleum Hydrocarbons (GRPH)	Motor Oil Range Petroleum Hydrocarbons (MoRPH)

5.4.1 Total Petroleum Hydrocarbons

The scope of the data gap investigation for total petroleum hydrocarbons (TPH) was based on historical information and data in the Plant 2 RCRA database and screening levels at the time the Work Plan was written. At that time, TPH had been analyzed in 41 soil samples from the 2-40s Area and detected in 24. TPH concentrations exceeded the screening level (2,000 mg/kg) in three samples, ranging from 2,200 mg/kg to 35,000 mg/kg. The maximum concentration was detected in a sample from 3 feet bgs in the central portion of OA 18 (Building 2-40 East Parking Lot Area).

During the 2-40s Area data gap investigation, TPH was not specifically analyzed, but is accounted for by analysis of DRPH, GRPH, and MoRPH (referred to ORPH in the Work Plan) . Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including DRPH, GRPH and MoRPH. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

As identified in Section 2.4.4.1 of the Work Plan, addressing data gaps for TPH in soil required further:

- Evaluation of the soil to groundwater pathway where TPH is present above screening levels, at OA 21 (Building 2-44 Machine Shop Area) and SWMU 2-41.31 (Machine Pits)

Addressing data gaps for TPH via the surface water pathway involves determining if groundwater has been impacted by TPH in soils at OA 21 and SWMU 2-41.31. Groundwater samples were collected at two locations specific to OA 21 and five locations specific to SWMU 2-41.31 and analyzed for DRPH, GRPH and MoRPH to evaluate the soil to groundwater pathway for TPH. DRPH, GRPH and MoRPH results and the soil to groundwater pathway are discussed in Sections 5.4.2, 5.4.3 and 5.4.4 with respect to each individual TPH COC.

5.4.2 Diesel Range Petroleum Hydrocarbons

The scope of the data gap investigation for DRPH was based on historical information and data in the Plant 2 RCRA database and screening levels at the time the Work Plan was written. At that time, DRPH had been analyzed in 317 soil samples from the 2-40s Area and detected in 131. Concentrations in seven samples exceeded the soil screening level (2,000 mg/kg), ranging from 2,100 to 23,000 mg/kg. The maximum concentration was detected in a sample from 3 feet bgs in the central portion of OA 18 (Building 2-40 East Parking Lot Area).

During the 2-40s Area data gap investigation, DRPH was analyzed in an additional 90 soil samples from 30 locations and was detected in 24, All detected concentrations were below the screening level of 2,000 mg/kg, ranging from 5.6 to 460 mg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including DRPH. Tables 5-2b and 5-2c present all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a tables of DRPH analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The DRPH soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level of 2,000 mg/kg have been added to the soil concentration maps. A thorough discussion of historical DRPH results before the data gap investigation is provided in the Work Plan; the following paragraphs provide a brief summary of the data gap investigation results for DRPH.

As identified in Section.2.4.4.3 of the Work Plan, addressing data gaps for DRPH in soil required further:

- Evaluation of the soil to groundwater pathway where DRPH is present above screening levels, at OA 18 (Building 2-40 East Parking Lot Area) and north end of SWMU 2-41.31 (Machine Pits).
- DRPH results are also used to address the data gap associated with historical detections of TPH above screening levels at OA 21 (Building 2-44 Machine Shop Area).

As identified in Section 2.4.4.2 of the Work Plan, addressing data gaps for DRPH and TPH via the surface water pathway involves determining whether groundwater was impacted by DRPH in soils at OA 18 and the north end of SWMU 2-41.31, or by TPH in soils at OA 21. Section 2.4.4.3 of the Work Plan identified 18 groundwater sampling locations to address these data gaps. DRPH was detected in one 2-40s data gap investigation groundwater sample, at a concentration of 500. µg/L, which is equal to its groundwater screening level. The sample was collected from monitoring well PL2-442A, which was designated for evaluation of the soil to groundwater pathway at SWMU 2-41.31.

5.4.3 Gasoline Range Petroleum Hydrocarbons

The scope of the data gap investigation for GRPH was based on historical information and data in the Plant 2 RCRA database and screening levels at the time the Work Plan was written. At that time, GRPH had been analyzed in 105 soil samples from the 2-40s Area and detected in seven; six were reported at concentrations greater than the 30 mg/kg soil screening level, ranging from 32 to 2,300 mg/kg. The maximum concentration was detected in a sample from 3 feet bgs in the east portion of OA 18 (Building 2-40 East Parking Lot Area).

During the 2-40s Area data gap investigation, GRPH was analyzed in an additional 90 soil samples from 30 locations, and detected in 17 samples, at concentrations ranging from 6.3 mg/kg to 160 mg/kg. Concentrations in four samples exceeded the screening level, ranging from 35 mg/kg to 160 mg/kg. The four samples were collected from three locations (PL2-440B, 2-40-DP-011, and 2-40-DP-073) within and adjacent to OA 18 (Building 2-40 East Parking Lot Area). At all three locations, GRPH was not detected in one or more deeper samples.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including GRPH. Tables 5-2b and 5-2c presents all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a table of GRPH analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The GRPH soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level of 30 mg/kg have been added to the soil concentration maps. A thorough discussion of historical

GRPH results before the data gap investigation is provided in the Work Plan; the following paragraphs provide a brief summary of the data gap investigation results for GRPH.

As identified in Section.2.4.4.2 of the Work Plan, addressing data gaps for GRPH in soil required further:

- Evaluation of the soil to groundwater pathway where GRPH is present above screening levels, at OA 18 (Building 2-40 East Parking Lot Area) and the north end of SWMU 2-41.31 (Machine Pits).
- GRPH results are also used to address the data gap associated with historical detections of TPH above screening levels at OA 21 (Building 2-44 Machine Shop Area).

As identified in Section 2.4.4.2 of the Work Plan, addressing data gaps for GRPH (and TPH) via the surface water pathway involves determining whether groundwater was impacted by GRPH in soils at OA 18 and at the north end of SWMU 2-41.31, or by TPH in soils at OA 21. Section 2.4.4.2 of the Work Plan identified 18 groundwater sampling locations to address these data gaps; GRPH was not detected in groundwater samples from any of these 18 locations during the 2-40s Area data gap investigation.

5.4.4 Motor Oil Range Petroleum Hydrocarbons

The scope of the data gap investigation for MoRPH was based on historical information and data in the Plant 2 RCRA database and screening levels at the time the Work Plan was written. At that time, MoRPH had been analyzed in 315 soil samples from the 2-40s Area and detected in 134. Seven samples were reported at concentrations exceeding the 2,000 mg/kg soil screening level, ranging from 2,300 to 20,000 mg/kg. The maximum concentration was detected in two samples from two locations: one at OA 18 and the other in the western portion of SWMU 2-41.31.

During the 2-40s Area data gap investigation, MoRPH was analyzed in an additional 90 soil samples from 30 locations, and detected in 38. All detected concentrations were below the screening level, ranging from 11 to 590 mg/kg.

Tables 5-1b and 5-1c present analytical data for constituents detected in 2-40s Area data gap samples, including MoRPH. Tables 5-2b and 5-2c presents all analytical soil results for the 2-40s Area data gap investigation.

Attachment F provides a tables of MoRPH analytical results for all historical and data gap investigation samples presenting locations, concentrations, and depths. The MoRPH soil concentration maps presented in Attachment B of the Work Plan were revised to include the data gap investigation results. The revised soil concentration maps are also provided in Attachment F of this document. Isoconcentration contours representing the screening level of 2,000 mg/kg have been added to the soil concentration maps. A thorough discussion of historical MoRPH results before the data gap investigation is provided in the Work Plan; the following paragraphs provide a brief summary of the data gap investigation results for MoRPH.

As identified in Section.2.4.4.4 of the Work Plan, addressing data gaps for MoRPH in soil required further:

- Evaluation of the soil to groundwater pathway where MoRPH is present above screening levels, at OA 18 (Building 2-40 East Parking Lot Area) and northeast portion of SWMU 2-41.31 (Machine Pits).
- MoRPH results are also used to address the data gap associated with historical detections of TPH above screening levels at OA 21 (Building 2-44 Machine Shop Area).

Addressing data gaps for MoRPH (and TPH) via the surface water pathway involves determining if groundwater has been impacted by MoRPH in soils at OA 18 and the northeast portion of SWMU 2-41.31, or by TPH at OA 21. Section 2.4.4.4 of the Work Plan identified 18 groundwater sampling locations to address these data gaps. MoRPH was detected in one 2-40s Area data gap investigation groundwater sample, at a concentration of 3,400 µg/L, which exceeds the groundwater screening level of 500 µg/L. The sample was collected from monitoring well PL2-442A, which was designated for evaluation of the soil to groundwater pathway at SWMU 2-41.31.

6.0 Sediment Results

In order to address data gaps associated with VOCs in the groundwater, one direct push probe (2-40-DP-044) was placed on the waterway side of the 2-40s Area rear bulkhead and driven through sediments into the aquifer. Sediment samples were collected and analyzed for VOCs and metals in accordance with Table 2-2 of the Work Plan. The evaluation of the sediment sampling results with respect to sediment management standard and/or sediment quality standards is not within the scope of this uplands document and will be address by the Boeing Duwamish Sediment Other Area (DSOA) Alternative Corrective Measures Engineering Report.

2-40-DP-044 was sampled at three depths: 0 to 1, 4 to 5 and 9 to 10 feet bgs. Detections of VOCs in the sediments included carbon disulfide and trichloroethene. Detections of metals included: aluminum, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, molybdenum, nickel, thallium, tin, vanadium, and zinc.

Table I-1 presents all analytical results for sediments (sample location 2-40-DP-044) generated in association with the 2-40s Area data gap investigation.

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7.0 Geologic Results

The 2-40s Area data gap investigation included drilling 17 new monitoring wells (one A level well, eight B level wells, and eight C level wells) and direct-push probing at 105 locations throughout the 2-40s Area. Probes were driven to the A level of the aquifer at all 105 locations, generally to total depth of 14 feet bgs. Thirty-one of the probes were driven to deeper intervals in the A, B, and C levels of the aquifer, generally to final depths of approximately 65 feet bgs or shallower at the intervals noted in Section 3.0. Geology was logged from split-spoon samples and drill cuttings at all well and probe locations and the resulting geologic logs are presented in Appendix A.

In general, the geology of the A and B-levels of the aquifer was noted to be consistent with previous descriptions of the subsurface at Plant 2. Approximately the upper 9 to 10 feet bgs consists of a mixture of imported fill material, dredge spoils, and native soil. This layer is generally designated as poorly-graded sand (SP) under the Unified Soil Classification System. Beneath the fill layer is a thin layer of brown to gray silt (ML) or clay (CL), which represents the former tideflats surface prior to filling and is present at most, but not all, sampling locations in the 2-40s Area. This silt layer is approximately 1 to 3 feet thick throughout the 2-40s Area but is not present at locations near the waterway. The thin silt layer is underlain by poorly-graded sand (SP) that extends to approximately 40 to 45 feet bgs in the 2-40s Area. A layer of dark gray silty fine sand (SM), poorly-graded sand with silt (SP-SM), or poorly-graded sand (SP) extends from approximately 40 feet bgs to 80-85 feet bgs. A dark gray marine silt (ML) unit containing fine sand and shells underlies the aquifer and extends beyond the deepest well at the site. A more thorough description of 2-40s Area geology is presented in the 2-40s Area Data Gap Investigation Work Plan.

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8.0 References

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Boeing Plant 2
Seattle/Tukwila, Washington

Uplands Corrective Measures Study
Volume VIb: 2-40s Area

Data Gap Investigation Report

Part 1 of 3

Tables

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Table 2-1a
Deviations from Sections 2 and 3 of the 2-40s Area Data Gap Investigation Work Plan
Boeing Plant 2

Original Procedure, Method, or Process	Actual Procedure, Method, or Process	Reason for Deviation
Original proposed well and probe locations as are shown in Figure 2-1 in the 2-40s Area Data Gap Investigation Work Plan.	Some well and probe locations were moved based on field conditions and subsurface utilities.	Proposed probe and well locations were subject to minor changes based on underground utilities, overhead obstacles such as power lines and overhangs, and other logistical factors. Both the proposed and actual sampling locations are presented in Figure 2-1 of this report.
Table 2-2 of the Work Plan indicated A level groundwater samples were to be collected from probes screened from 10 to 14 ft bgs.	A limited number (11) of probes were driven deeper below silt to more productive zone of level A.	Extremely slow groundwater recharge in some 10-14 ft. bgs sample intervals due to the presence of a silty layer in the 10 to 14 ft. bgs interval. EPA was notified of the deviation via a June 19, 2008 email. EPA acknowledged and authorized continuance via June 27, 2008 email.
Section 3.6.1.1. of the Work Plan addressing sample identification nomenclature for groundwater assumed all samples from each location would be collected in a single day	"X" was added to sample identifier for groundwater sample collected from probe 2-40-DP-60 and monitoring well PL2-443B	Extremely slow groundwater recharge at both locations forced sample collection to be extended into the next day. EPA was notified of the deviation via a June 19, 2008 email. EPA acknowledged and authorized continuance via a June 27, 2008 email.
Table 3-1 indicated VOC groundwater samples were to be preserved and laboratory supplied vials contain HCl. Preserved samples have holding times of 14 days.	Some VOCs groundwater samples were collected in unpreserved (no acid) VOA vials and submitted to the laboratory to be analyzed within seven days	HCl in VOA vials reacted with carbonates in groundwater and caused the samples to effervesce. Unpreserved samples holding time is seven days. EPA was notified of the deviation via a June 19, 2008 email. EPA acknowledged and authorized continuance via a June 27, 2008 email.

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Table 2-1b
Modifications to Section 3 of the 2-40s Area Data Gap Investigation Work Plan
Boeing Plant 2

Original Procedure, Method, or Process	Modification	Reason for Modification
Table 3-1 of the December 2006 and January 2008 Work Plans identified the analytical method for cyanide analysis for soil as EPA Method 335.2.	2-40s data gap investigation cyanide soil samples were analyzed by EPA Method 335.4.	In 2007, the analytical laboratory updated its analytical method for cyanide analysis from EPA Method 335.2 to EPA Method 335.4. EPA was notified of the intended modification via a May 22, 2008 letter (G-1241-WDE-097). EPA approved the requested modification via a May 28, 2008 email. The approved modification was documented in the revised Work Plan Table 3-1.
Table 3-1 of the December 2006 and January 2008 Work Plans sample preservation protocols included a five step field preservation procedure for cyanide groundwater samples.	Groundwater samples for cyanide analysis were preserved at the laboratory.	EPA's 2007 Methods Update Rule recommends submitting water samples for cyanide analysis directly to the laboratory if analyzed within 48 hours of delivery. Or preserving the samples in the laboratory after testing for chlorine and sulfide. EPA was notified of the intended modification via a May 22, 2008 letter (G-1241-WDE-097). EPA approved the requested modification via a May 28, 2008 email. The approved modification was documented in the revised Work Plan Table 3-1.
Table 3-1 of the December 2006 and January 2008 Work Plans identified ILM05.3 as the extraction procedure for soil cyanide samples	Analytical laboratory used equivalent the method; modified EPA Method SW846.	Maintain consistency between the extraction method identified in the Work Plan with what was conducted at the laboratory. EPA was notified of the intended modification via May 22, 2008 letter (G-1241-WDE-097). EPA approved the requested modification via a May 28, 2008 email. The approved modification was documented in the revised Work Plan Table 3-1.
Section 3.1.1 of January 2008 Work Plan referenced Standard Operating Procedure 4.4 in the compendium when presenting the protocol for well development and required removing a minimum of five standing water volumes (standing water in the screened interval and casing).	Section 3.1.1 referenced RCRA Ground-Water Monitoring Draft Technical Guidance (TEGD) (EPA, 1992) and revised the protocol to removing a minimum of three standing water volumes in the screened interval and casing and one standing water volume for low yield wells.	Removing five standing water volumes was excessive when wells stabilized in three and aligned field procedures with EPA TEGD. EPA was notified of the intended modification via a July 25, 2008 email. EPA approved the requested modification via an August 8, 2008 email. The approved modification was documented in the revised Work Plan Section 3.1.1 text (attached to email).

Table 2-1b
Modifications to Section 3 of the 2-40s Area Data Gap Investigation Work Plan
Boeing Plant 2

Original Procedure, Method, or Process	Modification	Reason for Modification
January 2008 Work Plan Section 3.1.1 required achieving 5 NTUs to consider a well developed.	Obtaining 5 NTUs was not reasonably achievable at PL2-440C. Lowest turbidity reading during development was approximately 15 NTUs	Obtaining 5 NTU criteria is no longer a strict requirement for development, if after conducting the well development procedure described in Section 3.1.1 turbidity measurements of 5 NTUs or less are not reasonably achievable. EPA was notified of the intended modification via an August 6, 2008 email. The requested modification was approved via an August 7, 2008 email. The approved modification was documented in the revised Work Plan Section 3.1.1 text (attached to email).
January 2008 Work Plan Section 3.1.1 indicated the B and C level wells be constructed with five-foot screened intervals.	B and C level wells were constructed with ten-foot screened intervals	Low yields in the B and C levels of the aquifer made five-foot screened interval impractical with respect to recharge rates for well development and sampling. Boeing proposed constructing the remaining B and C level data gap investigation monitoring wells using 10-foot screened intervals. EPA and Boeing Consultants discussed various technical aspects of this request and EPA authorized the modifications during a discussion on August 22, 2008
Drilled and installed new monitoring well PL2-441B per January 2008 Work Plan.	Decommission well PL2-441B and reinstall monitoring well PL2-441BR	Original monitoring well PL2-441B was decommissioned and a new well drilled and installed due to low yield in the original well. The low yield of the original well was thought to be due to well construction issues. Replacement well PL2-441BR has a 10-ft screen interval rather than the original 5-ft screen interval. EPA provided verbal approval for the 10-ft screened interval for PL2-441BR during a discussion on August 22, 2008.

Table 2-2:
Construction Summary for Wells Installed During the 2-40s Area Data Gap Investigation
Boeing Plant 2

Monitoring Well Number	Northing	Easting	Rim Elevation of Casing (ft.)	Measuring Point Elevation (ft.)	Screened Interval (ft. bgs)	Screen Slot Size	Total Depth (ft. bgs)
PL2-420B	196642.3	1275004.6	13.37	12.99	35 to 45	10 slot	45.0
PL2-420C	196645.4	1275001.3	13.40	13.03	75.5 to 80.5	10 slot	80.5
PL2-425B	196340.5	1275442.4	13.63	13.29	40 to 45	10 slot	45.0
PL2-425C	196340.3	1275437.1	13.62	13.37	77 to 82	10 slot	82.0
PL2-435B	197136.0	1275491.6	13.47	13.06	40 to 45	10 slot	45.0
PL2-435C	197135.1	1275498.2	13.47	13.09	79 to 84	10 slot	84.0
PL2-440B	197450.0	1275746.0	13.58	13.10	40.5 to 45.5	10 slot	45.5
PL2-440C	197451.1	1275749.2	13.54	12.90	80 to 85	10 slot	85.0
PL2-441B*	197674.8	1275481.3	12.90	12.62	35 to 45	10 slot	45.0
PL2-441C	197678.6	1275478.1	12.90	12.45	77 to 82	10 slot	82.0
PL2-442B	196749.5	1275014.0	12.92	12.52	35 to 45	10 slot	45.0
PL2-442C	196751.7	1275009.7	12.95	12.43	75.5 to 80.5	10 slot	80.5
PL2-443B	196832.6	1274801.0	13.43	12.99	35 to 45	10 slot	45.0
PL2-443C	196836.8	1274797.4	13.42	13.00	70 to 75	10 slot	75.0
PL2-608A	197129.3	1276102.8	13.58	13.20	6 to 21	10 slot	21.0
PL2-608B	197125.1	1276107.4	13.61	13.17	40.5 to 45.5	10 slot	45.5
PL2-608C	197122.5	1276101.6	13.61	13.25	79 to 84	10 slot	84.0

Horizontal Datum = North American Datum 1983(91) (NAD83(91))
Vertical Datum = National Geodetic Vertical Datum 1929 (NGVD, 29)
*replacement well

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Table 2-3:
Summary of Data Gap Investigation Groundwater Sampling Field Parameter Results 2-40s Area
Boeing Plant 2

Well or Probe Location	Screened Interval (ft)	Date	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (^{o}C)	ORP (mV)	Appearance
2-40-DP-01	10 to 14	6/25/2008	3.5	6.76	0.503	19.47	6.09	15.27	-134.2	yellow/clear
2-40-DP-01	41 to 45	6/25/2008	3.1	7.03	1.049	199	0.05	16.85	-124.7	cloudy
2-40-DP-01	61 to 65	6/26/2008	2.3	7.71	9.068	59.7	0.14	14.16	-181.5	clear
2-40-DP-02	10 to 14	6/26/2008	2.0	7.04	0.849	6.37	0.19	14.08	-136.5	clear
2-40-DP-02	41 to 45	6/24/2008	0.9	7.23	0.979	329	0.13	15.80	-98.9	cloudy
2-40-DP-02	61 to 65	6/26/2008	1.5	7.70	1.287	195	0.09	17.06	-126.4	cloudy
2-40-DP-03	10 to 14	6/25/2008	2.0	6.72	0.837	11.64	0.24	15.61	-87.1	clear
2-40-DP-03	35 to 39	6/26/2008	1.0	7.30	1.149	363	0.12	14.93	-119	cloudy
2-40-DP-03	41 to 45	6/25/2008	3.0	7.48	0.6	307	0.05	15.39	-137.4	cloudy
2-40-DP-03	61 to 65	6/27/2008	2.2	7.67	6.278	330	0.16	14.55	-159.8	cloudy
2-40-DP-04	12 to 16	6/17/2008	2.2	6.70	0.809	50.4	0.44	15.94	135.8	clear
2-40-DP-04	35 to 39	6/17/2008	1.7	6.95	1.091	709	0.54	15.86	131.9	cloudy
2-40-DP-04	41 to 45	6/17/2008	1.7	6.63	1.353	639	0.56	15.96	119.9	cloudy
2-40-DP-04	61 to 65	6/17/2008	2.1	7.04	5.734	297	0.54	15.43	161.8	cloudy
2-40-DP-05	10 to 14	6/18/2008	2.8	6.73	0.539	706	0.63	16.05	109.9	cloudy/brown
2-40-DP-05	12 to 16	6/18/2008	0.8	6.73	1.795	83.6	0.95	17.18	131.1	yellow/clear
2-40-DP-05	41 to 45	6/18/2008	1.2	7.16	0.799	510	0.57	16.84	114.8	cloudy
2-40-DP-05	61 to 65	6/18/2008	1.0	7.11	13.37	635	0.56	17.15	165.5	cloudy
2-40-DP-06	10 to 14	6/16/2008	1.3	6.61	2.715	490	0.75	15.85	147.5	cloudy/yellow
2-40-DP-07	10 to 14	7/3/2008	1.8	7.18	1.945	23.2	0.09	15.86	-7.8	clear
2-40-DP-08	12 to 16	7/3/2008	1.8	7.28	0.578	8.34	0.16	15.31	11.4	clear
2-40-DP-09	10 to 14	7/7/2008	1.7	7.31	0.61	6.1	0.41	15.08	116.7	clear
2-40-DP-10	10 to 14	6/23/2008	2.7	6.59	1.05	24.7	0.74	14.31	-115.9	cloudy
2-40-DP-10	35 to 39	6/23/2008	9.8	6.97	31.07	688	0.10	15.73	-151.8	cloudy
2-40-DP-10	41 to 45	6/23/2008	2.0	7.00	37.43	93.7	0.21	15.12	-156.4	lt. cloudy
2-40-DP-10	61 to 65	6/24/2008	2.0	7.47	561	274	0.10	15.24	-203.7	cloudy
2-40-DP-11	10 to 14	6/24/2008	2.0	7.88	94.21	20.1	0.10	15.95	-93.25	cloudy
2-40-DP-11	35 to 39	6/25/2008	3.5	6.89	0.515	361	0.16	14.85	-145.7	cloudy
2-40-DP-11	41 to 45	6/25/2008	2.4	6.88	1.057	556	108.00	15.16	-133.7	cloudy
2-40-DP-11	61 to 65	6/25/2008	2.2	7.47	10.71	286	0.08	17.31	-179.5	cloudy
2-40-DP-12	10 to 14	6/20/2008	1.1	6.94	1.787	194	1.90	18.01	-93.2	cloudy
2-40-DP-12	35 to 39	6/20/2008	2.1	6.92	0.631	626	0.30	17.33	-160.1	cloudy
2-40-DP-12	41 to 45	6/27/2008	2.0	7.35	0.812	365	0.17	16.79	-120.9	cloudy
2-40-DP-12	61 to 65	6/27/2008	2.6	8.01	8.581	333	0.04	17.18	-181.7	cloudy
2-40-DP-13	14 to 18	7/3/2008	4.0	7.14	0.726	69.7	0.03	15.63	-64.1	clearing
2-40-DP-14	10 to 14	6/10/2008	0.3	6.94	3.413	237	2.11	16.76	137.9	brown/yellow
2-40-DP-14	35 to 39	6/11/2008	2.3	6.72	0.48	597	1.42	16.85	91.2	cloudy

Table 2-3:
Summary of Data Gap Investigation Groundwater Sampling Field Parameter Results 2-40s Area
Boeing Plant 2

Well or Probe Location	Screened Interval (ft)	Date	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (^{o}C)	ORP (mV)	Appearance
2-40-DP-14	41 to 45	6/11/2008	2.3	6.77	0.713	580	0.88	16.79	79.3	cloudy - clearing
2-40-DP-14	61 to 65	6/11/2008	1.2	7.12	8.879	575	0.67	17.52	67.9	cloudy
2-40-DP-15	10 to 14	6/11/2008	2.7	6.71	0.783	120	0.77	16.40	112.9	clearing
2-40-DP-15	35 to 39	6/11/2008	1.5	6.97	0.65	424	0.99	16.83	11.8	cloudy/brown
2-40-DP-15	41 to 45	6/12/2008	2.2	6.40	0.628	270	0.53	16.52	83.5	cloudy/brown
2-40-DP-15	61 to 65	6/12/2008	2.7	6.97	8.058	781	0.46	16.31	111.6	cloudy
2-40-DP-16	10 to 14	6/13/2008	1.9	6.67	1.099	43.6	0.35	16.00	95	clear
2-40-DP-17	10 to 14	6/12/2008	0.9	6.85	0.955	115	1.37	16.36	81.9	clearing
2-40-DP-18	10 to 14	6/6/2008	2.7	5.91	0.806	54.5	0.14	15.69	124.5	clear
2-40-DP-18	35 to 39	6/6/2008	2.7	6.38	0.679	227	0.07	15.86	15.4	cloudy - clearing
2-40-DP-19	10 to 14	5/19/2008	1.5	6.83	3.866	5.89	1.42	16.58	-17.5	clear
2-40-DP-19	25 to 29	5/19/2008	1.3	6.64	0.576	259	0.23	17.60	-114	cloudy
2-40-DP-19	31 to 35	5/20/2008	2.2	6.52	0.54	672	0.18	16.75	-99.6	cloudy/brown
2-40-DP-20	12 to 16	7/3/2008	1.7	6.81	0.869	57.5	0.06	17.20	35.4	clear
2-40-DP-21	10 to 14	6/20/2008	0.7	7.03	1.571	55.2	2.00	17.92	-68.9	cloudy
2-40-DP-21	41 to 45	6/27/2008	2.2	7.41	0.46	410	0.10	16.34	-127.3	cloudy
2-40-DP-21	61 to 65	6/30/2008	3.6	7.98	20.03	217	0.11	16.34	-166.4	cloudy
2-40-DP-22	12 to 16	6/19/2008	1.4	6.15	1.27	49.9	0.03	17.33	33.3	clear
2-40-DP-22	35 to 39	6/19/2008	3.0	6.33	0.509	407	0.20	17.35	29.7	cloudy
2-40-DP-22	41 to 45	6/19/2008	1.5	6.37	0.835	478	0.20	17.35	45.5	clear
2-40-DP-22	61 to 65	6/20/2008	3.6	7.39	11.25	671	0.20	16.92	-258.9	cloudy
2-40-DP-23	10 to 14	6/30/2008	1.2	7.19	1.368	71.6	0.09	20.62	-68	cloudy
2-40-DP-23	41 to 45	6/30/2008	2.9	7.42	2.779	398	0.06	18.39	-104.9	cloudy
2-40-DP-23	61 to 65	6/30/2008	2.7	7.70	31.5	299	0.02	18.93	-147.9	cloudy
2-40-DP-24	10 to 14	6/9/2008	2.5	6.29	0.632	25.5	0.43	17.93	112	clear
2-40-DP-24	35 to 39	6/9/2008	2.5	6.64	0.808	524	0.64	17.62	76.7	cloudy
2-40-DP-24	41 to 45	6/9/2008	1.7	6.75	4.535	599	0.67	17.68	99.1	cloudy
2-40-DP-24	61 to 65	6/10/2008	2.7	7.01	11.6	159	0.49	18.01	18.2	cloudy
2-40-DP-25	10 to 14	7/3/2008	3.0	7.15	0.894	24.4	0.03	15.89	-81.1	clear
2-40-DP-26	10 to 14	7/2/2008	3.3	6.77	0.932	25	0.08	17.03	-43.6	clear/yellowish
2-40-DP-27	10 to 14	6/5/2008	2.5	6.22	0.736	42.3	0.09	17.53	41	clear
2-40-DP-27	35 to 39	6/5/2008	3.3	6.41	0.941	48.1	0.09	18.05	-89.5	cloudy
2-40-DP-27	41 to 45	6/5/2008	1.5	6.37	1.782	414	0.10	17.68	-64.5	cloudy
2-40-DP-27	61 to 65	7/2/2008	1.9	7.32	11.95	418	0.06	18.21	-99.2	cloudy
2-40-DP-28	10 to 14	6/6/2008	2.0	6.40	0.562	19.9	0.10	15.90	18	clear
2-40-DP-29	10 to 14	6/3/2008	1.7	6.49	0.723	5.1	0.44	15.72	-61.2	clear
2-40-DP-29	28 to 32	6/3/2008	2.8	6.66	0.628	158	0.28	16.40	-76.1	cloudy

Table 2-3:
Summary of Data Gap Investigation Groundwater Sampling Field Parameter Results 2-40s Area
Boeing Plant 2

Well or Probe Location	Screened Interval (ft)	Date	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (^{o}C)	ORP (mV)	Appearance
2-40-DP-29	35 to 39	6/3/2008	2.5	6.63	0.811	152	0.17	16.33	-73.2	cloudy
2-40-DP-29	41 to 45	6/4/2008	1.8	6.62	0.983	213	0.17	15.89	-33.6	cloudy
2-40-DP-29	61 to 65	6/4/2008	4.0	6.82	6.02	206	0.10	16.41	-144	cloudy
2-40-DP-30	10 to 14	6/16/2008	1.9	6.50	0.0641	68.2	0.60	15.66	118	clear
2-40-DP-31	10 to 14	7/8/2008	2.0	7.37	0.702	74.3	0.04	16.73	-36.7	cloudy
2-40-DP-32	10 to 14	5/28/2008	1.3	6.62	0.7	15	0.75	16.20	-69.6	clear
2-40-DP-32	41 to 45	5/28/2008	2.0	6.41	6.493	373	0.08	17.31	-98.6	cloudy
2-40-DP-32	61 to 65	5/28/2008	2.4	6.66	39.3	526	0.26	17.48	-139.6	very silty/brown
2-40-DP-33	10 to 14	6/2/2008	1.1	6.68	0.86	36.7	0.40	15.24	-29.3	clear
2-40-DP-33	25 to 29	6/2/2008	1.9	6.59	0.586	263	0.10	16.51	-101.3	cloudy
2-40-DP-33	31 to 35	6/2/2008	1.9	6.62	0.551	250	0.10	16.71	-113.9	dark-cloudy
2-40-DP-33	41 to 45	6/2/2008	2.0	6.69	2.582	173	0.08	16.60	-115	cloudy
2-40-DP-33	61 to 65	6/3/2008	3.1	6.13	39.95	52.9	0.38	16.71	-71.6	cloudy
2-40-DP-34	10 to 14	7/7/2008	3.8	7.54	0.324	29.9	0.02	15.47	-35.8	clear
2-40-DP-35	10 to 14	5/30/2008	0.5	6.65	0.753	9.86	2.30	15.50	120.1	clear
2-40-DP-35	25 to 29	5/30/2008	3.4	6.70	0.702	83	0.21	16.31	-123.2	clearing
2-40-DP-35	31 to 35	5/30/2008	2.6	6.64	0.785	281	0.18	16.64	-111.5	cloudy
2-40-DP-35	41 to 45	5/30/2008	2.4	6.67	5.887	112	0.63	16.53	-108.1	cloudy
2-40-DP-35	61 to 65	6/2/2008	2.3	6.49	42.79	196	0.08	16.33	-107.2	cloudy
2-40-DP-36	10 to 14	7/1/2008	1.2	6.78	0.859	64.1	0.11	17.52	-40.5	clear
2-40-DP-37	10 to 14	5/22/2008	2.6	6.68	1.013	8.81	9.05	13.81	180.9	clear
2-40-DP-37	19 to 23	5/23/2008	2.6	6.60	1.16	16.63	2.12	14.52	15.6	clear
2-40-DP-37	25 to 29	5/23/2008	2.0	6.39	0.638	8.2	0.37	15.70	-82.1	clear
2-40-DP-37	31 to 35	5/23/2008	2.9	6.39	0.613	468	0.31	16.51	-108.8	brown/cloudy
2-40-DP-37	41 to 45	5/23/2008	1.7	6.37	41.92	468	0.23	16.25	-113	cloudy
2-40-DP-37	61 to 65	5/23/2008	2.1	6.51	39.59	293	0.33	16.40	-139.7	cloudy
2-40-DP-38	10 to 14	5/22/2008	1.3	6.73	0.942	7.13	8.22	12.54	213.3	clear
2-40-DP-38	19 to 23	5/22/2008	3.2	6.65	1.828	59.7	0.22	14.20	-46.9	clear
2-40-DP-38	25 to 29	5/22/2008	1.8	6.53	0.909	467	0.16	14.95	-94.4	brown/cloudy
2-40-DP-38	31 to 35	5/22/2008	3.0	6.41	0.868	65.9	0.23	16.16	-109.8	clear
2-40-DP-38	41 to 45	5/22/2008	2.8	6.37	35.12	453	0.45	16.16	-116	cloudy
2-40-DP-38	61 to 65	5/22/2008	6.8	6.46	43.67	336	0.18	15.92	-116.1	brown/cloudy
2-40-DP-39	10 to 14	5/20/2008	1.8	6.52	2.474	9.6	9.02	13.48	73.7	clear
2-40-DP-39	19 to 23	5/20/2008	3.4	6.48	0.535	55.1	0.18	16.18	-77.5	clear
2-40-DP-39	25 to 29	5/20/2008	2.4	6.47	0.632	346	0.22	17.13	-93.5	brown/cloudy
2-40-DP-39	31 to 35	5/21/2008	2.8	6.44	2.392	386	0.19	16.74	-113	cloudy
2-40-DP-39	41 to 45	5/21/2008	2.4	6.38	38.39	540	0.15	16.58	-188.7	cloudy
2-40-DP-39	61 to 65	5/21/2008	2.6	6.56	43.77	434	0.13	16.52	-128.6	cloudy/brown

Table 2-3:
Summary of Data Gap Investigation Groundwater Sampling Field Parameter Results 2-40s Area
Boeing Plant 2

Well or Probe Location	Screened Interval (ft)	Date	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (^{o}C)	ORP (mV)	Appearance
2-40-DP-40	10 to 14	5/15/2008	1.1	6.56	4.08	8.9	9.11	12.43	96.9	clear
2-40-DP-40	19 to 23	5/19/2008	3.7	6.42	1.825	457	0.16	15.07	-88.3	cloudy
2-40-DP-40	25 to 29	5/19/2008	2.6	6.46	0.541	83.1	3.20	16.50	-82.7	clearing
2-40-DP-40	31 to 35	5/19/2008	2.5	6.45	0.549	562	0.13	16.51	-98.9	cloudy
2-40-DP-40	41 to 45	5/20/2008	1.6	6.33	38.72	626	0.17	15.81	-90.1	cloudy/brown
2-40-DP-40	61 to 65	5/20/2008	2.0	6.53	43.88	271	0.24	15.82	-96	cloudy
2-40-DP-41	10 to 14	5/14/2008	1.9	7.36	2.957	22.1	10.20	12.74	72.4	clear
2-40-DP-41	19 to 23	5/15/2008	1.5	6.77	3.047	59.9	2.06	14.98	-41	clear
2-40-DP-41	25 to 29	5/15/2008	2.0	6.53	0.65	67.2	0.36	15.27	-83.8	clear
2-40-DP-41	31 to 35	5/15/2008	1.3	6.56	0.572	351	0.20	15.75	-107	cloudy
2-40-DP-41	41 to 45	5/15/2008	2.4	6.49	36.01	283	0.12	15.94	-130.7	silty/cloudy
2-40-DP-41	61 to 65	5/15/2008	3.8	6.59	42.82	183	0.22	15.81	-148.2	cloudy/silty
2-40-DP-42	10 to 14	5/13/2008	0.9	6.83	3.303	5.35	6.99	12.01	54.4	clear
2-40-DP-42	19 to 23	5/14/2008	2.0	6.84	3.815	5.19	1.19	14.71	-53.8	clear
2-40-DP-42	25 to 29	5/14/2008	1.5	6.67	0.733	92.9	0.23	14.86	-227.6	clear
2-40-DP-42	31 to 35	5/14/2008	3.8	6.54	0.762	90.1	0.18	15.15	-133.6	clear
2-40-DP-42	41 to 45	5/13/2008	1.5	6.62	34.55	533	0.15	14.53	-252.4	cloudy
2-40-DP-42	61 to 65	5/13/2008	1.9	7.01	43.51	665	0.09	14.84	-486	cloudy
2-40-DP-43	10 to 14	5/12/2008	1.3	7.50	4.526	8.72	9.66	12.14	53.3	clear
2-40-DP-43	19 to 23	5/12/2008	0.6	7.02	0.562	10.01	0.37	14.04	-164.6	clear
2-40-DP-43	25 to 29	5/12/2008	2.1	6.89	0.499	487	0.19	14.53	-251.6	cloudy
2-40-DP-43	31 to 35	5/13/2008	3.0	6.75	0.588	606	0.22	14.93	-443.6	cloudy
2-40-DP-43	41 to 45	5/12/2008	3.7	6.95	19.78	40	0.29	14.63	-246.6	clear
2-40-DP-43	61 to 65	5/12/2008	2.2	7.19	43.15	126	0.24	14.26	-517.3	clear
2-40-DP-44	10 to 14	12/16/2008	3.0	6.57	4.579	9.86	0.19	10.80	-68.9	clear
2-40-DP-44	19 to 23	12/16/2008	0.8	6.76	2.056	88.5	0.31	10.00	-53.7	cloudy
2-40-DP-44	25 to 29	12/16/2008	1.9	6.93	36.21	413	0.17	12.03	-15.6	cloudy
2-40-DP-44	31 to 35	12/17/2008	2.5	6.76	43.5	101	0.29	11.81	-15.9	dark, cloudy
2-40-DP-44	41 to 45	12/17/2008	3.4	6.59	43.65	9.69	0.30	10.89	-50.5	clear
2-40-DP-44	61 to 65	12/17/2008	4.0	6.82	33.41	4.93	0.40	10.48	-56.6	clear
2-40-DP-45	10 to 14	5/27/2008	1.4	6.69	0.971	65.9	8.22	15.10	158.4	clearing
2-40-DP-45	19 to 23	5/27/2008	3.0	6.52	0.582	151	0.24	16.41	-101.6	clearing
2-40-DP-45	25 to 29	5/27/2008	3.2	6.50	0.597	679	0.64	16.87	-104.1	cloudy
2-40-DP-45	31 to 35	5/27/2008	1.5	6.44	0.567	84.4	0.51	17.10	-99.3	clearing
2-40-DP-45	41 to 45	5/27/2008	2.2	6.40	39.07	294	1.21	16.81	-76.9	cloudy
2-40-DP-45	61 to 65	5/27/2008	2.6	6.51	37.95	435	0.59	16.79	-131.6	cloudy
2-40-DP-46	10 to 14	6/9/2008	0.4	6.6	1.646	370	1.53	19.11	102.2	cloudy/brown

Table 2-3:
Summary of Data Gap Investigation Groundwater Sampling Field Parameter Results 2-40s Area
Boeing Plant 2

Well or Probe Location	Screened Interval (ft)	Date	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (^{o}C)	ORP (mV)	Appearance
2-40-DP-47	10 to 14	6/25/2008	2.8	6.39	1.309	17.99	0.17	13.42	-87	clear
2-40-DP-48	10 to 14	7/1/2008	2.6	6.73	0.608	55.4	6.05	17.27	-65.6	clear
2-40-DP-49	10 to 14	6/27/2008	1.7	7.32	1.342	13.93	0.11	16.22	-110.4	clear/yellow
2-40-DP-50	10 to 14	6/18/2008	2.2	6.59	0.792	36.6	0.64	15.93	121.1	clear
2-40-DP-51	10 to 14	6/3/2008	2.0	6.61	0.999	11.33	0.51	16.87	-113.6	clear
2-40-DP-52	10 to 14	7/2/2008	2.6	6.94	0.716	35.7	0.08	16.79	-65	clear
2-40-DP-53	10 to 14	6/9/2008	2.1	6.34	0.736	125	0.48	17.76	78.4	clearing
2-40-DP-54	10 to 14	6/6/2008	2.5	6.31	0.582	92.9	0.09	16.83	31.2	clear
2-40-DP-55	12 to 16	7/7/2008	3.4	7.23	0.719	27.1	0.03	18.21	-37.6	clearing
2-40-DP-56	10 to 14	6/4/2008	1.0	6.78	0.861	6.1	0.35	15.61	-23.6	clear
2-40-DP-57	10 to 14	6/5/2008	1.5	6.14	0.669	64.9	0.11	16.43	-1.4	clear
2-40-DP-58	10 to 14	6/10/2008	1.6	6.80	1.339	83.8	0.49	17.16	-9.6	brown/yellow
2-40-DP-59	10 to 14	6/18/2008	3.1	6.77	0.589	47.3	0.49	15.91	124.5	clear
2-40-DP-60	10 to 14	6/17/2008	0.3	7.22	1.586	227	2.4	17.34	142.9	cloudy
2-40-DP-61	10 to 14	6/11/2008	2.7	6.54	2.19	67.4	0.45	19.16	150.1	brown/yellow
2-40-DP-62	12 to 16	6/17/2008	2.9	6.83	1.56	28.5	0.50	16.41	133.6	yellow/clear
2-40-DP-63	11 to 15	6/17/2008	2.2	6.62	0.821	36	0.43	16.18	136.4	clear
2-40-DP-64	10 to 14	6/5/2008	2.7	6.33	0.75	140	0.10	16.35	22.4	clear
2-40-DP-65	10 to 14	6/9/2008	0.1	6.75	1.584	N/A	3.4	16.66	107.4	N/A
2-40-DP-66	10 to 14	6/16/2008	0.1	6.99	2.146	139	0.6	14.72	158.9	cloudy/yellow
2-40-DP-67	10 to 14	6/19/2008	0.6	6.91	3.163	278	1.00	17.29	-177.6	cloudy
2-40-DP-68	10 to 14	6/19/2008	4.1	6.82	0.435	27.8	0.49	15.90	109.9	clear
2-40-DP-69	10 to 14	5/28/2008	1.2	6.72	7.323	10.44	4.57	14.04	82.3	clear
2-40-DP-70	10 to 14	5/28/2008	0.8	6.37	6.819	40	2.66	14.94	81.6	clear
2-40-DP-71	10 to 14	6/23/2008	1.4	6.60	89.42	34.7	0.21	15.36	-90.4	cloudy
2-40-DP-72	10 to 14	6/24/2008	2.3	7.81	12.92	51.2	0.20	14.61	19.8	cloudy
2-40-DP-73	10 to 14	6/25/2008	3.3	6.67	0.359	10	0.04	15.57	-49.2	clear
2-40-DP-74	10 to 14	7/2/2008	1.7	6.58	0.202	28.1	0.05	16.19	33.2	clear
2-40-DP-75	10 to 14	7/1/2008	3.2	6.88	0.779	57.9	0.08	16.87	-78.7	cloudy
2-40-DP-76	10 to 14	6/5/2008	1.9	6.57	0.763	75.9	0.15	15.89	-38.3	clear
2-40-DP-77	10 to 14	6/2/2008	1.8	6.66	0.655	8.76	0.51	15.56	-24.7	clear
2-40-DP-78	10 to 14	5/28/2008	2.0	6.52	0.779	44.1	0.12	16.41	-65.6	clear
2-40-DP-79	10 to 14	6/24/2008	2.1	7.46	12.18	43	0.10	14.67	-92.6	cloudy
2-40-DP-80	10 to 14	6/9/2008	1.9	6.32	2.274	9.95	0.50	20.39	104.1	clear
2-40-DP-81	10 to 14	6/6/2008	3.0	6.35	0.637	13.7	0.11	15.40	37.6	clear
2-40-DP-82	10 to 14	6/13/2008	2.0	6.72	0.67	93.2	1.09	15.93	83.6	cloudy
2-40-DP-83	10 to 14	6/3/2008	0.4	6.75	2.336	90	1.76	16.66	-59.8	yellowish-cloudy

Table 2-3:
Summary of Data Gap Investigation Groundwater Sampling Field Parameter Results 2-40s Area
Boeing Plant 2

Well or Probe Location	Screened Interval (ft)	Date	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (^{o}C)	ORP (mV)	Appearance
2-40-DP-84	10 to 14	5/30/2008	1.4	6.59	0.659	9.16	3.12	16.62	135.3	clear
2-40-DP-85	10 to 14	7/2/2008	2.0	7.04	0.687	16.96	0.05	15.99	-58.4	clear
2-40-DP-86	10 to 14	6/13/2008	2.6	6.61	0.57	13.79	0.59	15.85	85	clear
2-40-DP-87	10 to 14	6/13/2008	2.0	6.52	0.796	56.7	0.77	16.34	124.4	tan/clear
2-40-DP-88	10 to 14	6/13/2008	3.1	6.42	0.76	48.60	0.40	15.96	109.6	clear
2-40-DP-89	10 to 14	6/13/2008	2.3	6.71	0.753	63.8	0.38	15.16	101.6	clear
2-40-DP-90	10 to 14	6/6/2008	3.2	6.33	0.704	25.1	0.09	15.04	41.4	clear
2-40-DP-91	10 to 14	6/4/2008	1.4	6.53	0.999	33.9	0.21	15.48	-56.1	yellow/clear
2-40-DP-91	28 to 32	6/4/2008	4.4	6.51	6.854	217	0.06	16.00	-116.2	cloudy
2-40-DP-91	35 to 39	6/4/2008	2.1	6.74	0.943	279	0.12	16.01	-59.4	brown/cloudy
2-40-DP-92	10 to 14	6/3/2008	2.5	6.56	1.174	47.2	0.54	15.69	-84.6	cloudy
2-40-DP-93	10 to 14	7/8/2008	3.7	7.35	0.98	23	0.07	16.39	-66.7	clear
2-40-DP-94	10 to 14	6/30/2008	1.3	6.96	0.815	23.7	0.31	16.96	-22.1	clear/yellowish
2-40-DP-95	10 to 14	6/9/2008	2.1	6.51	1.09	174	0.48	17.5	77.4	clearing
2-40-DP-96	10 to 14	6/23/2008	2.7	6.53	1.01	13.9	0.66	14.90	-115.7	cloudy
2-40-DP-97	10 to 14	7/7/2008	3.1	7.08	0.187	19	0.03	14.45	22.2	clear
2-40-DP-98	10 to 14	6/12/2008	3.0	6.64	0.574	83.5	0.41	17.10	80.4	clear
2-40-DP-99	10 to 14	6/12/2008	3.0	6.96	0.59	45.5	0.38	15.83	65.1	clear
2-40-DP-100	10 to 14	6/6/2008	1.4	6.40	1.189	113	0.13	15.74	108.9	clear
2-40-DP-101	10 to 14	6/4/2008	0.3	6.82	0.734	187	1.76	15.89	11.9	clearing
2-40-DP-102	10 to 14	5/30/2008	0.7	6.47	0.566	8.36	2.26	16.04	-46.4	clear
2-40-DP-103	10 to 14	7/3/2008	1.7	7.02	0.726	9.84	0.03	16.06	-20.4	clear
2-40-DP-104	10 to 14	7/7/2008	5.6	7.28	0.255	17.01	0.04	15.46	12.9	clear
2-40-DP-105	10 to 14	6/11/2008	1.5	6.96	1.442	44.8	0.73	16.52	126.8	brown/yellow
PL2-BF03A	8 to 18	7/24/2008	4.0	7.47	0.263	6.63	0.03	18.42	54.4	clear
PL2-321A	8 to 18	7/21/2008	1.2	7.25	0.597	17.0	0.26	15.26	106.7	clear
PL2-401A	8 to 18	7/24/2008	1.5	7.32	0.461	7.18	0.04	17.29	-14.3	clear
PL2-410A	8 to 18	7/21/2008	2.0	7.74	0.395	6.56	0.05	16.08	2.7	clear
PL2-420A	8 to 18	7/23/2008	1.2	7.79	1.124	2.29	0.05	15.30	-21.7	clear
PL2-420B	35 to 45	10/23/2008	3.0	5.25	6.088	10.85	0.11	16.23	-11.5	clear
PL2-420C	75.5 to 80.5	8/7/2008	2.2	7.82	42.88	9.93	0.09	15.93	78.3	clear
PL2-425A	8 to 18	7/23/2008	2.5	7.80	0.618	9.52	0.03	15.46	-64.4	clear
PL2-425B	40 to 45	8/6/2008	2.7	7.38	7.123	6.49	0.05	16.32	90.2	clear
PL2-425C	77 to 82	8/6/2008	4.0	6.92	32.08	6.43	0.08	16.33	119.2	clear
PL2-430A	8 to 18	7/22/2008	2.5	7.40	0.562	3.69	0.04	16.01	-43.0	clear
PL2-435A	8 to 18	7/21/2008	1.7	8.25	1.207	16.3	0.04	16.68	-72.0	clear
PL2-435B	40 to 45	8/7/2008	3.0	8.60	0.800	18.6	0.08	15.87	33.5	clear

Table 2-3:
Summary of Data Gap Investigation Groundwater Sampling Field Parameter Results 2-40s Area
Boeing Plant 2

Well or Probe Location	Screened Interval (ft)	Date	Gallons Purged	pH	Cond. (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp. (^{o}C)	ORP (mV)	Appearance
PL2-435C	79 to 84	8/11/2008	2.5	6.89	15.13	1.29	0.01	16.11	75.5	clear
PL2-440A	8 to 18	7/24/2008	2.5	5.05	3.182	8.40	0.04	15.14	177.1	clear
PL2-440B	40.5 to 45.5	8/11/2008	3.1	6.39	0.833	2.65	0.01	16.33	-2.2	clear
PL2-440C	80 to 85	8/11/2008	2.0	6.93	21.92	16.26	0.01	16.93	-25.6	clear
PL2-441A	8 to 18	7/21/2008	2.0	7.66	0.292	8.86	0.06	15.45	21.4	clear
PL2-441B	35 to 45	10/23/2008	2.5	5.37	0.809	9.08	0.11	14.80	0.7	clear
PL2-441C	77 to 82	8/11/2008	6.2	8.22	30.90	5.00	0.05	15.57	58.0	clear
PL2-442A	8 to 18	7/23/2008	1.8	7.47	0.773	7.57	0.04	17.14	-73.7	clear
PL2-442B	35 to 45	10/23/2008	2.7	5.73	3.413	8.05	0.16	17.03	-15.9	clear
PL2-442C	70.5 to 80.5	8/6/2008	5.0	6.94	36.53	4.56	0.04	16.95	95.1	clear
PL2-443A	8 to 23	7/22/2008	1.5	7.50	2.615	15.64	0.04	15.05	-7.3	clear
PL2-443B	35 to 45	10/23/2008	2.5	6.86	8.562	7.98	0.13	16.12	45.9	clear
PL2-443C	70 to 75	8/7/2008	2.1	7.79	41.35	10.40	0.10	15.96	90.0	clear
PL2-444A	10 to 25	7/23/2008	2.0	7.17	0.560	5.57	0.04	16.37	-19.1	clear
PL2-445A	10 to 25	7/24/2008	1.2	8.12	0.872	6.83	0.07	14.76	-15.7	clear
PL2-446A	8 to 18	7/22/2008	1.0	7.50	0.709	5.95	0.04	16.00	-1.3	clear
PL2-447A	8 to 18	7/22/2008	1.5	7.32	0.638	3.98	0.05	16.57	-63.8	clear
PL2-608A	6 to 21	8/11/2008	2.5	7.73	0.710	2.85	0.16	14.92	42.0	clear
PL2-608B	40.5 to 45.5	8/11/2008	3.3	8.09	0.463	13.56	0.06	14.93	2.8	clear
PL2-608C	79 to 84	8/11/2008	1.9	8.20	28.61	5.50	0.06	14.73	65.3	clear

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Table 3-1a:
Explanation of Data Qualifiers 2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Qualifiers Used by the Contract Laboratory – Analytical Resources, Inc.	
U	The compound was analyzed for, but not detected at the reported concentration.
J	Indicates an estimated concentration when a value is less than the calculated reporting limit.
D	Indicates the surrogate/spike(s) was not detected, due to dilution of extract.
NR	Indicates the surrogate recovery cannot be reported due to matrix interference.
E	Indicates a value above the linear range of the detector, sample dilution is required.
S	Indicates no value reported due to saturation of the detector, sample dilution required.
NA	Indicates compound was not analyzed for.
M	Indicates an estimated value of analyte found and confirmed by the analyst but with a low spectral match (GC-MS).
B	Indicates possible/probable blank contamination. Flagged when the analyte is detected in the blank as well as in the sample.
Y	Indicates raised reporting limit due to background interference or to activity in the instrument. Compound is still not detected at or above the raised level.
C	Indicates a probably detection that cannot be confirmed due to matrix interferences.
P	Indicates a high RPD between detected concentrations for dual column GC analyses without obvious interference.
Data Validation Qualifiers for Organic Analyses	
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Table 3-1a:
Explanation of Data Qualifiers 2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Validation Qualifiers for Inorganic Analyses	
U	The compound was analyzed for, but was not detected above the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	2-40-DP-001 10-14 2-40-DP-01-10-W-0 06/25/2008	2-40-DP-001 41-45 2-40-DP-01-41-W-0 6/25/2008	2-40-DP-001 41-45 2-40-DP-01-41-W-0 Dilution 6/25/2008	2-40-DP-001 61-65 2-40-DP-01-61-W-0 6/26/2008	2-40-DP-002 10-14 2-40-DP-02-10-W-0 6/26/2008	2-40-DP-002 41-45 2-40-DP-02-41-W-0 6/26/2008	2-40-DP-002 61-65 2-40-DP-02-61-W-0 6/26/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 6/25/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 Dilution 6/25/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 Reanalysis 6/25/2008	2-40-DP-003 35-39 2-40-DP-03-35-W-0 6/26/2008	2-40-DP-003 41-45 2-40-DP-03-41-W-0 Dilution 6/26/2008
VOCs (µg/L)																
Chloromethane	EPA 8260B	26.3	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
Vinyl Chloride	EPA 8260B	0.731	0.2		0.2 U	160 E	200	0.2 U	0.2 U	1.1	0.2 U	0.2 U		1 U	3	190
Chloroethane	EPA 8260B	4050	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	0.5 U	6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		2 U	0.5 U	15 U
Acetone	EPA 8260B	6430000	3		3 U	3 U	15 U	3 U	3 U	3 U	3 U	3 U		5 U	3 U	90 U
Carbon Disulfide	EPA 8260B	34300	0.2		0.3	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U		1 U	0.2	6 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	0.2	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	0.4	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		0.2 U	5.5	4.8	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.2 U	32 E	27	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
Chloroform	EPA 8260B	56.1	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 UR	2.5 UR	15 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR		5 U	2.5 U	75 U
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
Benzene	EPA 8260B	4.48	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	5.9		5.4	0.2 U	6 U
Bromoform	EPA 8260B	43.3	0.2		0.2 U	0.2 U	3 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U		1 U	0.2 UJ	6 U
Toluene	EPA 8260B	15000	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	41 E		36	0.2 U	6 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	0.4 U	3 U	0.4 U	0.4 U	0.4 U	0.4 U	170 E		160	0.8	12 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3		1 U	0.2 U	6 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	1.2		1 U	0.2 U	6 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	3.9		3.2	0.2 U	6 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	1		1 U	0.2 U	6 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		5 U	0.5 U	15 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		5 U	0.5 U	15 U
SVOCs (µg/L)																
Hexachloroethane	EPA 8270D		1		1 U	1 U		1 U	1 U			1 U	3 U			
2,4-Dimethylphenol	EPA 8270D	273	1		1 U	1 U		1 U	1 U			2.1 J	3 U			
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U	1 U		1 U	1 U			1 U	3 U			
Naphthalene	EPA 8270D	2440	1		1 U	1 U		1 U	1 U			1 U	3 U			
2-Methylnaphthalene	EPA 8270D		1		1 U	1 U		1 U	1 U			1 U	3 U			
Acenaphthylene	EPA 8270D		1		1 U	1 U		1 U	1 U			1 U	3 U			
Acenaphthene	EPA 8270D	318	1		1 U	1 U		1 U	1 U			1 U	3 U			
Dibenzofuran	EPA 8270D		1		1 U	1 U		1 U	1 U			1 U	3 U			
Fluorene	EPA 8270D	1710	1		1 U	1 U		1 U	1 U			1 U	3 U			
Hexachlorobenzene	EPA 8270D		1		1 U	1 U		1 U	1 U			1 U	3 U			
Phenanthrene	EPA 8270D		1		1 U	1 U		1 U	1 U			1 U	3 U			
Anthracene	EPA 8270D	12800	1		1 U	1 U		1 U	1 U			1 U	3 U			
Fluoranthene	EPA 8270D	44.6	1		1 U	1 U		1 U	1 U			1 U	3 U			
Pyrene	EPA 8270D	1280	1		1 U	1 U		1 U	1 U			1 U	3 U			
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U			1 U	3 U			
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U	1 U		1 U	1.1 U			92 U	100 U			
Chrysene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U			1 U	3 U			
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U			1 U	3 U			
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U			1 U	3 U			
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U			1 U	3 U			
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U			1 U	3 U			
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U			1 U	3 U			
Benzo(g,h,i)perylene	EPA 8270D		1		1 U	1 U		1 U	1 U			1 U	3 U			
1-Methylnaphthalene	EPA 8270D		1		1 U	1 U		1 U	1 U			1 U	3 U			
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U	0.1 U		0.1 U	0.11			0.43				
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	2-40-DP-001 10-14 2-40-DP-01-10-W-0 06/25/2008	2-40-DP-001 41-45 2-40-DP-01-41-W-0 6/25/2008	2-40-DP-001 41-45 2-40-DP-01-41-W-0 Dilution 6/25/2008	2-40-DP-001 61-65 2-40-DP-01-61-W-0 6/26/2008	2-40-DP-002 10-14 2-40-DP-02-10-W-0 6/26/2008	2-40-DP-002 41-45 2-40-DP-02-41-W-0 6/26/2008	2-40-DP-002 61-65 2-40-DP-02-61-W-0 6/26/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 6/25/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 Dilution 6/25/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 Reanalysis 6/25/2008	2-40-DP-003 35-39 2-40-DP-03-35-W-0 6/26/2008	2-40-DP-003 41-45 2-40-DP-03-41-W-0 Dilution 6/26/2008
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Phenanthrene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Pyrene	EPA 8270DSIM	1280	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U				
PCBs (µg/L)																
Aroclor 1254	EPA 8082	0.01	0.01													
Aroclor 1260	EPA 8082	0.01	0.01													
Total PCB	EPA 8082	0.01	0.01													
Inorganics (µg/L)																
Chromium(VI)	A3500D	50	11													
WAD Cyanide	SM4500CN-I	5	5		5 U	5 U		5 U	5 U	5 U	5 U	5 U				
Total Cyanide	EPA 335.2	5	5		5 U	5 U		5 U	5 U	5 U	5 U	5 U				
Metals, Dissolved (µg/L)																
Aluminum	EPA 6010B		50		50 U	210		50 U	50 U	450	160	50 U				
Arsenic	EPA 200.8	8	0.5		10.7	0.5 U		1	11.2	0.9	0.8	36.7				
Barium	EPA 6010B		3		15	13		36	43	8	5	43				
Beryllium	EPA 6010B	135	1		1 U	1 U		1 U	1 U	1 U	1 U	1 U				
Cadmium	EPA 200.8	8.8	0.2		0.2 U	0.2 U		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U				
Calcium	EPA 6010B		50		20300	49300		41900	37300	12500	6950	41800				
Chromium	EPA 200.8		0.5		2	2 U		2	2	3	1.1	6				
Cobalt	EPA 6010B		3		3 U	3 U		3 U	3 U	3 U	3 U	5				
Copper	EPA 200.8	8	0.5		0.5 U	1		1 U	0.6	1.8	0.5 U	1 U				
Iron	EPA 6010B		50		30000	30000		8970	73600	9530	2630	51100				
Lead	EPA 200.8	8.1	1		1 U	1 U		2 U	1 U	1 U	1 U	2 U				
Magnesium	EPA 6010B		50		20100	32200		103000	19000	11800	9930	28900				
Manganese	EPA 6010B	2000	1		318	1390		247	2790	404	138	2520				
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U				
Molybdenum	EPA 6010B		5		5 U	11		29	5 U	6	6	5				
Nickel	EPA 200.8	8.2	0.5		0.9	5.8		3	1.9	6	4.1	4				
Silver	EPA 200.8	1.9	0.2		0.2 U	0.2 U		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U				
Vanadium	EPA 6010B	2810	3		8	3 U		3 U	10	3 U	4	33				
Zinc	EPA 6010B	81	10		10 U	10 U		10 U	10 U	10 U	10 U	10 U				
Petroleum Hydrocarbons (µg/L)																
TPH - Gasoline Range	NWTPH-Gx	800	250		250 U	250 U		250 U								
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250		250 U	250 U		250 U								
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500		500 U	500 U		500 U								

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-003 41-45 2-40-DP-03-41-W-0 6/26/2008	2-40-DP-003 61-65 2-40-DP-03-61-W-0 6/27/2008	2-40-DP-004 12-16 2-40-DP-04-12-W-0 6/17/2008	2-40-DP-004 12-16 2-40-DP-04-12-W-0 Reextract 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-0 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-0 Dilution 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-1 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-1 Dilution 6/17/2008	2-40-DP-004 41-45 2-40-DP-04-41-W-0 6/17/2008	2-40-DP-004 41-45 2-40-DP-04-41-W-0 Dilution 6/17/2008	2-40-DP-004 61-65 2-40-DP-04-61-W-0 6/17/2008	2-40-DP-005 12-16 2-40-DP-05-12-W-0 6/18/2008	2-40-DP-005 35-39 2-40-DP-05-35-W-0 6/18/2008
VOCs (µg/L)																
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.5	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	120 ES	0.2 U	0.2 U		180 ES	640	180 ES	570	180 ES	700	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U		0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3.1	3 U	3		3 U	150 U	7.7	150 U	3 U	150 U	3 U	3 UR	3 UR
Carbon Disulfide	EPA 8260B	34300	0.2	0.6	0.3	0.2 U		0.5	10 U	0.3	10 U	0.3	10 U	0.2 U	0.2 U	0.3
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.3	0.2 U	0.2 U		0.4	10 U	0.4	10 U	0.4	10 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.8	0.2 U	0.2 U		0.5	10 U	0.5	10 U	1.4	10 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.7	0.2 U	0.2 U		4.1	10 U	4	10 U	40 E	40	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2	10 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U	2.5 U	2.5 U		2.5 U	120 U	2.5 U	120 U	2.5 U	120 U	2.5 U	2.5 UR	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.7		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	10 UJ	0.2 UJ	10 UJ	0.2 UJ	10 UJ	0.2 UJ	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.5	0.4 U	0.4 U		0.4 U	20 U	0.4 U	20 U	0.4 U	20 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U		0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U		0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U		0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																
Hexachloroethane	EPA 8270D		1			1 U	1 UJ								1 U	
2,4-Dimethylphenol	EPA 8270D	273	1			1 UJ	1 UJ								1 U	
1,2,4-Trichlorobenzene	EPA 8270D	112	1			1 U	1 UJ								1 U	
Naphthalene	EPA 8270D	2440	1			1 U	1 UJ								1 U	
2-Methylnaphthalene	EPA 8270D		1			1 U	1 UJ								1 U	
Acenaphthylene	EPA 8270D		1			1 U	1 UJ								1 U	
Acenaphthene	EPA 8270D	318	1			1 U	1 UJ								1 U	
Dibenzofuran	EPA 8270D		1			1 U	1 UJ								1 U	
Fluorene	EPA 8270D	1710	1			1 U	1 UJ								1 U	
Hexachlorobenzene	EPA 8270D		1			1 U	1 UJ								1 U	
Phenanthrene	EPA 8270D		1			1 U	1 UJ								1 U	
Anthracene	EPA 8270D	12800	1			1 U	1 UJ								1 U	
Fluoranthene	EPA 8270D	44.6	1			1 U	1 UJ								1 U	
Pyrene	EPA 8270D	1280	1			1 U	1 UJ								1 U	
Benzo(a)anthracene	EPA 8270D	0.1	1			1 U	1 UJ								1 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1			1 U	1 UJ								1 U	
Chrysene	EPA 8270D	0.1	1			1 U	1 UJ								1 U	
Benzo(b)fluoranthene	EPA 8270D	0.1	1			1 U	1 UJ								1 U	
Benzo(k)fluoranthene	EPA 8270D	0.1	1			1 U	1 UJ								1 U	
Benzo(a)pyrene	EPA 8270D	0.1	1			1 U	1 UJ								1 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1			1 U	1 UJ								1 U	
Dibenz(a,h)anthracene	EPA 8270D	0.1	1			1 U	1 UJ								1 U	
Benzo(g,h,i)perylene	EPA 8270D		1			1 U	1 UJ								1 U	
1-Methylnaphthalene	EPA 8270D		1			1 U	1 UJ								1 U	
Naphthalene	EPA 8270DSIM	2440	0.1			0.1 U									0.12	
2-Methylnaphthalene	EPA 8270DSIM		0.1			0.1 U									0.1 U	
1-Methylnaphthalene	EPA 8270DSIM		0.1			0.1 U									0.25	

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-003 41-45 2-40-DP-03-41-W-0 6/26/2008	2-40-DP-003 61-65 2-40-DP-03-61-W-0 6/27/2008	2-40-DP-004 12-16 2-40-DP-04-12-W-0 6/17/2008	2-40-DP-004 12-16 2-40-DP-04-12-W-0 Reextract 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-0 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-0 Dilution 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-1 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-1 Dilution 6/17/2008	2-40-DP-004 41-45 2-40-DP-04-41-W-0 6/17/2008	2-40-DP-004 41-45 2-40-DP-04-41-W-0 Dilution 6/17/2008	2-40-DP-004 61-65 2-40-DP-04-61-W-0 6/17/2008	2-40-DP-005 12-16 2-40-DP-05-12-W-0 6/18/2008	2-40-DP-005 35-39 2-40-DP-05-35-W-0 6/18/2008
Acenaphthylene	EPA 8270DSIM		0.1			0.1 U									0.1 U	
Acenaphthene	EPA 8270DSIM	318	0.1			0.1 U									0.1 U	
Fluorene	EPA 8270DSIM	1710	0.1			0.1 U									0.1 U	
Phenanthrene	EPA 8270DSIM		0.1			0.1 U									0.1 U	
Anthracene	EPA 8270DSIM	12800	0.1			0.1 U									0.1 U	
Fluoranthene	EPA 8270DSIM	44.6	0.1			0.1 U									0.1 U	
Pyrene	EPA 8270DSIM	1280	0.1			0.1 U									0.1 U	
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1			0.1 U									0.1 U	
Chrysene	EPA 8270DSIM	0.1	0.1			0.1 U									0.1 U	
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1			0.1 U									0.1 U	
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1			0.1 U									0.1 U	
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1			0.1 U									0.1 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1			0.1 U									0.1 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1			0.1 U									0.1 U	
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1			0.1 U									0.1 U	
Dibenzofuran	EPA 8270DSIM		0.1			0.1 U									0.1 U	
PCBs (µg/L)																
Aroclor 1254	EPA 8082	0.01	0.01													
Aroclor 1260	EPA 8082	0.01	0.01													
Total PCB	EPA 8082	0.01	0.01													
Inorganics (µg/L)																
Chromium(VI)	A3500D	50	11													
WAD Cyanide	SM4500CN-I	5	5	5 U	5 U	5 U						5 U		5 U	5 U	
Total Cyanide	EPA 335.2	5	5	5 U	5 U	20						5 U		5 U	5 U	
Metals, Dissolved (µg/L)																
Aluminum	EPA 6010B		50	50 U	50 U	90						270		50 U	170	
Arsenic	EPA 200.8	8	0.5	1.2	1.6	2.5						0.5 U		0.5	6.5	
Barium	EPA 6010B		3	8	33	9						13		25	24	
Beryllium	EPA 6010B	135	1	1 U	1 U	1 U						1 U		1 U	1 U	
Cadmium	EPA 200.8	8.8	0.2	0.2 U	0.2 U	0.2 U						0.2 U		0.2 U	0.2 U	
Calcium	EPA 6010B		50	25800	37400	13100						39400		37200	44600	
Chromium	EPA 200.8		0.5	1 U	1.1	4						2		1 U	10	
Cobalt	EPA 6010B		3	3 U	3 U	3 U						3 U		3 U	3	
Copper	EPA 200.8	8	0.5	0.5 U	0.5 U	0.7						1.1		0.6	0.5 U	
Iron	EPA 6010B		50	16900	14400	10100						31000		8830	37500	
Lead	EPA 200.8	8.1	1	1 U	1 U	1 U						1 U		1 U	1 U	
Magnesium	EPA 6010B		50	16900	77400	9730						35800		75100	25100	
Manganese	EPA 6010B	2000	1	1220	491	390						1680		443	2500	
Mercury	EPA 7470A	0.025	0.02	0.02 U	0.02 U	0.02 U						0.02 U		0.02 U	0.02 U	
Molybdenum	EPA 6010B		5	12	28	5 U						6		7	6	
Nickel	EPA 200.8	8.2	0.5	6	3.5	0.9						6.2		3.6	2.6	
Silver	EPA 200.8	1.9	0.2	0.2 U	0.2 U	0.2 U						0.2 U		0.2 U	0.2 U	
Vanadium	EPA 6010B	2810	3	4	3 U	24						3 U		3 U	62	
Zinc	EPA 6010B	81	10	10 U	10 U	10 U						10		10 U	10 U	
Petroleum Hydrocarbons (µg/L)																
TPH - Gasoline Range	NWTPH-Gx	800	250												250 U	
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250												250 U	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500												500 U	

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-005 41-45 2-40-DP-05-41-W-0 6/18/2008	2-40-DP-005 61-65 2-40-DP-05-61-W-0 6/18/2008	2-40-DP-006 14-18 2-40-DP-06-18-W-0 6/16/2008	2-40-DP-007 10-14 2-40-DP-07-10-W-0 7/3/2008	2-40-DP-007 10-14 2-40-DP-07-10-W-1 7/3/2008	2-40-DP-008 12-16 2-40-DP-08-12-W-0 7/3/2008	2-40-DP-009 10-14 2-40-DP-09-10-W-0 7/8/2008	2-40-DP-009 10-14 2-40-DP-09-10-W-1 7/8/2008	2-40-DP-010 10-14 2-40-DP-10-10-W-0 6/23/2008	2-40-DP-010 35-39 2-40-DP-10-35-W-0 6/23/2008	2-40-DP-010 41-45 2-40-DP-10-41-W-0 6/23/2008	2-40-DP-010 61-65 2-40-DP-10-61-W-0 6/24/2008	2-40-DP-011 10-14 2-40-DP-11-10-W-0 6/24/2008	2-40-DP-011 35-39 2-40-DP-11-35-W-0 6/25/2008	2-40-DP-011 41-45 2-40-DP-11-41-W-0 6/25/2008
VOCs (µg/L)																		
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	0.2 U	1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.3	0.2 U	0.2 U	2.3	29 E
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 UR	3 UR	3.5	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3.7 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2	0.4	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.4	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.4
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																		
Hexachloroethane	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
2,4-Dimethylphenol	EPA 8270D	273	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Naphthalene	EPA 8270D	2440	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
2-Methylnaphthalene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Acenaphthylene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Acenaphthene	EPA 8270D	318	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Dibenzofuran	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Fluorene	EPA 8270D	1710	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Hexachlorobenzene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Phenanthrene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Anthracene	EPA 8270D	12800	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Fluoranthene	EPA 8270D	44.6	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Pyrene	EPA 8270D	1280	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Benzo(a)anthracene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1	5.2	1 U	1 U	1 U		2.8	1 U		1 U				35		2.1 U
Chrysene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Benzo(a)pyrene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Benzo(g,h,i)perylene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
1-Methylnaphthalene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U				1 U		1 U
Naphthalene	EPA 8270DSIM	2440	0.1	0.1 U	0.1 U	0.14	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.12	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-005 41-45 2-40-DP-05-41-W-0 6/18/2008	2-40-DP-005 61-65 2-40-DP-05-61-W-0 6/18/2008	2-40-DP-006 14-18 2-40-DP-06-18-W-0 6/16/2008	2-40-DP-007 10-14 2-40-DP-07-10-W-0 7/3/2008	2-40-DP-007 10-14 2-40-DP-07-10-W-1 7/3/2008	2-40-DP-008 12-16 2-40-DP-08-12-W-0 7/3/2008	2-40-DP-009 10-14 2-40-DP-09-10-W-0 7/8/2008	2-40-DP-009 10-14 2-40-DP-09-10-W-1 7/8/2008	2-40-DP-010 10-14 2-40-DP-10-10-W-0 6/23/2008	2-40-DP-010 35-39 2-40-DP-10-35-W-0 6/23/2008	2-40-DP-010 41-45 2-40-DP-10-41-W-0 6/23/2008	2-40-DP-010 61-65 2-40-DP-10-61-W-0 6/24/2008	2-40-DP-011 10-14 2-40-DP-11-10-W-0 6/24/2008	2-40-DP-011 35-39 2-40-DP-11-35-W-0 6/25/2008	2-40-DP-011 41-45 2-40-DP-11-41-W-0 6/25/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Fluorene	EPA 8270DSIM	1710	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Phenanthrene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Anthracene	EPA 8270DSIM	12800	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Pyrene	EPA 8270DSIM	1280	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
Dibenzofuran	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U				0.1 U		0.1 U
PCBs (µg/L)																		
Aroclor 1254	EPA 8082	0.01	0.01			0.01 U	0.01 U		0.01 U	0.01 U								
Aroclor 1260	EPA 8082	0.01	0.01			0.01 U	0.01 U		0.01 U	0.01 U								
Total PCB	EPA 8082	0.01	0.01			0.01 U	0.01 U		0.01 U	0.01 U								
Inorganics (µg/L)																		
Chromium(VI)	A3500D	50	11															
WAD Cyanide	SM4500CN-I	5	5	5 U	5 U	5 U	5 U		5 U	5 U		5 U		5 U	5 U	5 U		5 U
Total Cyanide	EPA 335.2	5	5	5 U	5 U	5 U	5 U		5 U	5 U		5 U		5 U	5 U	5 U		5 U
Metals, Dissolved (µg/L)																		
Aluminum	EPA 6010B		50	80	740	70	440		50 U	50 U		50 U		50 U	50 U	50 U		50 U
Arsenic	EPA 200.8	8	0.5	0.7	2	4.1	3.2		4.5	2.7		1.9		2.5	2	1.6		0.5 U
Barium	EPA 6010B		3	4	75	37	10		3 U	3 U		37		7	28	28		10
Beryllium	EPA 6010B	135	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U		1 U	1 U	1 U		1 U
Cadmium	EPA 200.8	8.8	0.2	0.2 U	0.5 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U		0.2 U	0.5 U	0.2 U		0.2 U
Calcium	EPA 6010B		50	5440	71200	45700	19400		7750	19200		45300		31200	31000	53400		20900
Chromium	EPA 200.8		0.5	1.1	6	6.1	4		1 U	1 U		1 U		1 U	2	2		1 U
Cobalt	EPA 6010B		3	3 U	3 U	5	3 U		3 U	3 U		3 U		3 U	3 U	3 U		3 U
Copper	EPA 200.8	8	0.5	0.5 U	3	3.3	4.6		1.4	6.4		0.5 U		0.5 U	1 U	1.6		0.5 U
Iron	EPA 6010B		50	4020	16100	46700	4570		120	50 U		42100		23100	6410	46200		19900
Lead	EPA 200.8	8.1	1	1 U	2 U	1 U	1 U		1 U	1 U		1 U		1 U	2 U	1 U		1 U
Magnesium	EPA 6010B		50	6260	206000	19200	30700		7370	10200		37600		15400	93500	41100		16200
Manganese	EPA 6010B	2000	1	163	335	933	106		13	11		1820		948	148	2580		740
Mercury	EPA 7470A	0.025	0.02	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U		0.02 U		0.02 U	0.02 U	0.02 U		0.02 U
Molybdenum	EPA 6010B		5	8	16	9	6		5 U	11		5 U		5	11	5 U		6
Nickel	EPA 200.8	8.2	0.5	3.1	10	1.4	4		0.8	2.1		1.5		3	3	1.9		3
Silver	EPA 200.8	1.9	0.2	0.2 U	0.5 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U		0.2 U	0.5 U	0.2 U		0.2 U
Vanadium	EPA 6010B	2810	3	5	6	33	11		14	6		6		3	5	13		3 U
Zinc	EPA 6010B	81	10	10 U	10 U	10 U	10 U		10 U	10 U		10 U		20	10 U	10 U		10 U
Petroleum Hydrocarbons (µg/L)																		
TPH - Gasoline Range	NWTPH-Gx	800	250	250 U	250 U	250 U						250 U		250 U	250 U	250 U		250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250	250 U	250 U	250 U						250 U		250 U	250 U	250 U		250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500	500 U	500 U	500 U						500 U		500 U	500 U	500 U		500 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-011 41-45 2-40-DP-11-41-W-0 Reanalysis 6/25/2008	2-40-DP-011 61-65 2-40-DP-11-61-W-0 6/25/2008	2-40-DP-012 10-14 2-40-DP-12-10-W-0 6/20/2008	2-40-DP-012 35-39 2-40-DP-12-35-W-0 6/20/2008	2-40-DP-012 41-45 2-40-DP-12-41-W-0 6/27/2008	2-40-DP-012 61-65 2-40-DP-12-61-W-0 6/27/2008	2-40-DP-013 14-18 2-40-DP-13-14-W-0 7/3/2008	2-40-DP-014 10-14 2-40-DP-14-10-W-0 6/10/2008	2-40-DP-014 35-39 2-40-DP-14-35-W-0 6/11/2008	2-40-DP-014 41-45 2-40-DP-14-41-W-0 6/11/2008	2-40-DP-014 41-45 2-40-DP-14-41-W-0 Dilution 6/11/2008	2-40-DP-014 61-65 2-40-DP-14-61-W-0 6/11/2008	2-40-DP-015 10-14 2-40-DP-15-10-W-0 6/11/2008	2-40-DP-015 35-39 2-40-DP-15-35-W-0 6/11/2008
VOCs (µg/L)																	
Chloromethane	EPA 8260B	26.3	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2	0.2 U	20 U	1 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	27	0.2 U	0.2 U	1.2	0.3	0.2 U	0.5	1 U	2.1	240 ES	2100	1 U	0.3	0.3
Chloroethane	EPA 8260B	4050	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	40 U	2 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	5 U	3 U	3 U	3 U	3 U	3 U	3 U	8.8	3 U	3 U	100 U	5 U	3 U	3.4
Carbon Disulfide	EPA 8260B	34300	0.2	1 U	0.3	0.2 U	0.4	0.4	0.2	0.2 U	1 U	0.2	0.2	20 UJ	1 UJ	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	1.4	20 U	1 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2	0.4	20 U	1 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	1 U	0.8	26 E	27	1 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	130 ES	400	1 U	0.3	1.7
Chloroform	EPA 8260B	56.1	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	100 U	5 U	2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	1 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	1 U	0.2 UJ	0.2 UJ	20 U	1 U	0.2 UJ	0.2 UJ
Toluene	EPA 8260B	15000	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	1 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1 U	0.4 U	0.4 U	20 U	1 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	20 U	1 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	100 U	5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	100 U	5 U	0.5 U	0.5 U
SVOCs (µg/L)																	
Hexachloroethane	EPA 8270D		1		1 U	1 U				1 U	1 U					1 U	
2,4-Dimethylphenol	EPA 8270D	273	1		1 U	1 U				1 U	1 U					1 U	
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U	1 U				1 U	1 U					1 U	
Naphthalene	EPA 8270D	2440	1		1 U	1 U				1 U	1 U					1 U	
2-Methylnaphthalene	EPA 8270D		1		1 U	1 U				1 U	1 U					1 U	
Acenaphthylene	EPA 8270D		1		1 U	1 U				1 U	1 U					1 U	
Acenaphthene	EPA 8270D	318	1		1 U	1 U				1 U	1 U					1 U	
Dibenzofuran	EPA 8270D		1		1 U	1 U				1 U	1 U					1 U	
Fluorene	EPA 8270D	1710	1		1 U	1 U				1 U	1 U					1 U	
Hexachlorobenzene	EPA 8270D		1		1 U	1 U				1 U	1 U					1 U	
Phenanthrene	EPA 8270D		1		1 U	1 U				1 U	1 U					1 U	
Anthracene	EPA 8270D	12800	1		1 U	1 U				1 U	1 U					1 U	
Fluoranthene	EPA 8270D	44.6	1		1 U	1 U				1 U	1 U					1 U	
Pyrene	EPA 8270D	1280	1		1 U	1 U				1 U	1 U					1 U	
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U	1 U				1 U	1 U					1 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		3 U	1 U				2.3	1 U					1.4	
Chrysene	EPA 8270D	0.1	1		1 U	1 U				1 U	1 U					1 U	
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U	1 U				1 U	1 U					1 U	
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U	1 U				1 U	1 U					1 U	
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U	1 U				1 U	1 U					1 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U	1 U				1 U	1 U					1 U	
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U	1 U				1 U	1 U					1 U	
Benzo(g,h,i)perylene	EPA 8270D		1		1 U	1 U				1 U	1 U					1 U	
1-Methylnaphthalene	EPA 8270D		1		1 U	1 U				1 U	1 U					1 U	
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-011 41-45 2-40-DP-11-41-W-0 Reanalysis 6/25/2008	2-40-DP-011 61-65 2-40-DP-11-61-W-0 6/25/2008	2-40-DP-012 10-14 2-40-DP-12-10-W-0 6/20/2008	2-40-DP-012 35-39 2-40-DP-12-35-W-0 6/20/2008	2-40-DP-012 41-45 2-40-DP-12-41-W-0 6/27/2008	2-40-DP-012 61-65 2-40-DP-12-61-W-0 6/27/2008	2-40-DP-013 14-18 2-40-DP-13-14-W-0 7/3/2008	2-40-DP-014 10-14 2-40-DP-14-10-W-0 6/10/2008	2-40-DP-014 35-39 2-40-DP-14-35-W-0 6/11/2008	2-40-DP-014 41-45 2-40-DP-14-41-W-0 6/11/2008	2-40-DP-014 41-45 2-40-DP-14-41-W-0 Dilution 6/11/2008	2-40-DP-014 61-65 2-40-DP-14-61-W-0 6/11/2008	2-40-DP-015 10-14 2-40-DP-15-10-W-0 6/11/2008	2-40-DP-015 35-39 2-40-DP-15-35-W-0 6/11/2008
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Phenanthrene	EPA 8270DSIM		0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Pyrene	EPA 8270DSIM	1280	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U	
PCBs (µg/L)																	
Aroclor 1254	EPA 8082	0.01	0.01			0.01 U		0.01 U	0.01 U	0.01 U							
Aroclor 1260	EPA 8082	0.01	0.01			0.01 U		0.01 U	0.01 U	0.016							
Total PCB	EPA 8082	0.01	0.01			0.01 U		0.01 U	0.01 U	0.016							
Inorganics (µg/L)																	
Chromium(VI)	A3500D	50	11														
WAD Cyanide	SM4500CN-I	5	5		5 U	5 U		5 U	5 U		5 U		5 U		5 U	5 U	
Total Cyanide	EPA 335.2	5	5		5 U	8		6	5 U		5 U		5 U		5 U	5 U	
Metals, Dissolved (µg/L)																	
Aluminum	EPA 6010B		50		50 U	160		50 U	50 U	50 U	1100		50 U		50 U	50 U	
Arsenic	EPA 200.8	8	0.5		2	15		0.5	1.6	0.5 U	39.3		0.7		3	5.9	
Barium	EPA 6010B		3		45	22		6	30	12	70		10		43	7	
Beryllium	EPA 6010B	135	1		1 U	1 U		1 U	1 U	1 U	2 U		1 U		1 U	1 U	
Cadmium	EPA 200.8	8.8	0.2		0.5 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.5 U	0.2 U	
Calcium	EPA 6010B		50		45700	13400		14500	33100	19200	22900		30300		48500	31700	
Chromium	EPA 200.8		0.5		2	10.9		0.5 U	1.4	1	133		1 U		2	2	
Cobalt	EPA 6010B		3		3 U	6		3 U	3 U	3 U	6		3 U		3 U	3 U	
Copper	EPA 200.8	8	0.5		1 U	0.6		1.4	5	0.5 U	12.2		0.5 U		1 U	0.5 U	
Iron	EPA 6010B		50		8860	17200		15200	9730	21500	27200		18200		14000	18500	
Lead	EPA 200.8	8.1	1		2 U	1 U		1 U	1 U	1 U	2		1 U		2 U	1 U	
Magnesium	EPA 6010B		50		158000	23200		11500	102000	13400	34800		20100		104000	14900	
Manganese	EPA 6010B	2000	1		169	330		513	288	610	718		1220		488	718	
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.137		0.02 U		0.02 U	0.02 U	
Molybdenum	EPA 6010B		5		14	5 U		5	13	5 U	10		5 U		14	5 U	
Nickel	EPA 200.8	8.2	0.5		5	5		4.4	4.8	2.5	6.5		2.7		7	1.6	
Silver	EPA 200.8	1.9	0.2		0.5 U	0.2 U		0.2 U	0.2 U	0.2 U	1.2		0.2 U		0.5 U	0.2 U	
Vanadium	EPA 6010B	2810	3		3	69		3 U	4	10	666		3 U		5	15	
Zinc	EPA 6010B	81	10		10 U	10 U		10 U	10 U	10 U	20 U		30		10 U	10 U	
Petroleum Hydrocarbons (µg/L)																	
TPH - Gasoline Range	NWTPH-Gx	800	250		250 U					250 U	250 U		250 U		250 U	250 U	
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250		250 U					250 U	250 U		250 U		250 U	250 U	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500		500 U					500 U	500 U		500 U		500 U	500 U	

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-015 41-45 2-40-DP-15-41-W-0 6/12/2008	2-40-DP-015 61-65 2-40-DP-15-61-W-0 6/12/2008	2-40-DP-016 10-14 2-40-DP-16-10-W-0 6/13/2008	2-40-DP-017 10-14 2-40-DP-17-10-W-0 6/12/2008	2-40-DP-018 10-14 2-40-DP-18-10-W-0 6/6/2008	2-40-DP-018 10-14 2-40-DP-18-10-W-0 Reextract 6/6/2008	2-40-DP-018 35-39 2-40-DP-18-35-W-0 6/6/2008	2-40-DP-019 10-14 2-40-DP-19-10-W-0 5/19/2008	2-40-DP-019 25-29 2-40-DP-19-25-W-0 5/19/2008	2-40-DP-019 31-35 2-40-DP-19-31-W-0 5/20/2008	2-40-DP-020 12-16 2-40-DP-20-12-W-0 7/3/2008	2-40-DP-021 12-16 2-40-DP-21-12-W-0 6/20/2008	2-40-DP-021 41-45 2-40-DP-21-41-W-0 6/27/2008	2-40-DP-021 61-65 2-40-DP-21-61-W-0 6/30/2008	2-40-DP-022 12-16 2-40-DP-22-12-W-0 6/19/2008
VOCs (µg/L)																		
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	0.2 U	0.3	0.6	0.4		0.2 U	0.2 U	0.2 U	0.2	0.5	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 U	3 U	3 U	3 U	3 U		3 U	3 UR	3 UR	3 U	3 U	8.2	3 U	3 U	5.4
Carbon Disulfide	EPA 8260B	34300	0.2	0.4	0.2 U	0.2 U	0.2 U	0.3		0.2	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	0.2 U	0.2	0.4	0.4		0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																		
Hexachloroethane	EPA 8270D		1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
2,4-Dimethylphenol	EPA 8270D	273	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Naphthalene	EPA 8270D	2440	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
2-Methylnaphthalene	EPA 8270D		1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Acenaphthylene	EPA 8270D		1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Acenaphthene	EPA 8270D	318	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Dibenzofuran	EPA 8270D		1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Fluorene	EPA 8270D	1710	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Hexachlorobenzene	EPA 8270D		1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Phenanthrene	EPA 8270D		1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Anthracene	EPA 8270D	12800	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Fluoranthene	EPA 8270D	44.6	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Pyrene	EPA 8270D	1280	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Benzo(a)anthracene	EPA 8270D	0.1	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Chrysene	EPA 8270D	0.1	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Benzo(a)pyrene	EPA 8270D	0.1	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Benzo(g,h,i)perylene	EPA 8270D		1			1 U	1 U	1 UJ			1 U			1 U	1 U			1 U
1-Methylnaphthalene	EPA 8270D		1			1 U	1 U	1 U			1 U			1 U	1 U			1 U
Naphthalene	EPA 8270DSIM	2440	0.1			0.11	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1			0.1 U	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1			0.1 U	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-015 41-45 2-40-DP-15-41-W-0 6/12/2008	2-40-DP-015 61-65 2-40-DP-15-61-W-0 6/12/2008	2-40-DP-016 10-14 2-40-DP-16-10-W-0 6/13/2008	2-40-DP-017 10-14 2-40-DP-17-10-W-0 6/12/2008	2-40-DP-018 10-14 2-40-DP-18-10-W-0 6/6/2008	2-40-DP-018 10-14 2-40-DP-18-10-W-0 Reextract 6/6/2008	2-40-DP-018 35-39 2-40-DP-18-35-W-0 6/6/2008	2-40-DP-019 10-14 2-40-DP-19-10-W-0 5/19/2008	2-40-DP-019 25-29 2-40-DP-19-25-W-0 5/19/2008	2-40-DP-019 31-35 2-40-DP-19-31-W-0 5/20/2008	2-40-DP-020 12-16 2-40-DP-20-12-W-0 7/3/2008	2-40-DP-021 12-16 2-40-DP-21-12-W-0 6/20/2008	2-40-DP-021 41-45 2-40-DP-21-41-W-0 6/27/2008	2-40-DP-021 61-65 2-40-DP-21-61-W-0 6/30/2008	2-40-DP-022 12-16 2-40-DP-22-12-W-0 6/19/2008
Acenaphthylene	EPA 8270DSIM		0.1			0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1			0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Fluorene	EPA 8270DSIM	1710	0.1			0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Phenanthrene	EPA 8270DSIM		0.1			0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Anthracene	EPA 8270DSIM	12800	0.1			0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Pyrene	EPA 8270DSIM	1280	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
Dibenzofuran	EPA 8270DSIM		0.1			0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U
PCBs (µg/L)																		
Aroclor 1254	EPA 8082	0.01	0.01			0.01 U									0.01 U	0.01 U	0.01 U	0.01 U
Aroclor 1260	EPA 8082	0.01	0.01			0.01 U									0.01 U	0.01 U	0.01 U	0.01 U
Total PCB	EPA 8082	0.01	0.01			0.01 U									0.01 U	0.01 U	0.01 U	0.01 U
Inorganics (µg/L)																		
Chromium(VI)	A3500D	50	11															
WAD Cyanide	SM4500CN-I	5	5	5 U	5 U	5 U	5 U	5 U			5 U				5 U	5 U	5 U	5 U
Total Cyanide	EPA 335.2	5	5	5 U	5 U	5 U	5 U	5 U			5 U				15	5 U	5 U	31
Metals, Dissolved (µg/L)																		
Aluminum	EPA 6010B		50	90	100 U	590	170	80			50 U			770	1000	50 U	50 U	110
Arsenic	EPA 200.8	8	0.5	1.1	2 U	8.1	16.2	35			3			0.9	24.3	5.5	3	16
Barium	EPA 6010B		3	10	63	13	11	8			18			12	29	7	123	19
Beryllium	EPA 6010B	135	1	1 U	2 U	1 U	1 U	1 U			1 U			1 U	2 U	1 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2	0.2 U	1 U	0.2 U	0.2 U	0.2 U			0.2 U			0.2 U	0.2 U	0.2 U	1 U	0.2 U
Calcium	EPA 6010B		50	17600	77900	5360	4520	5090			40400			19900	11400	29700	216000	19300
Chromium	EPA 200.8		0.5	1 U	2 U	15	7	5			0.5 U			4	68	1 U	3	9.9
Cobalt	EPA 6010B		3	3 U	6 U	3 U	3 U	3 U			3 U			3 U	9	3 U	3 U	3 U
Copper	EPA 200.8	8	0.5	0.5 U	2 U	10.4	0.5 U	0.5 U			0.7			2.1	10.4	0.5 U	2 U	0.5 U
Iron	EPA 6010B		50	15300	30200	11300	12400	21400			980			10400	8450	22600	17200	26600
Lead	EPA 200.8	8.1	1	1 U	5 U	1 U	1 U	1 U			1 U			1 U	1	1 U	5 U	1 U
Magnesium	EPA 6010B		50	11800	137000	8120	9540	10800			53900			12100	14000	15700	403000	18300
Manganese	EPA 6010B	2000	1	1040	1350	234	339	374			62			427	361	964	765	763
Mercury	EPA 7470A	0.025	0.02	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U			0.02 U	0.0318	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5	10	20	5 U	5 U	5 U			5			5 U	10 U	5 U	86 J	5 U
Nickel	EPA 200.8	8.2	0.5	5.9	10	2.2	1.2	1.6			2.7			2.4	9.2	3	17	2.4
Silver	EPA 200.8	1.9	0.2	0.2 U	1 U	0.2 U	0.2 U	0.2 U			0.2 U			0.2 UJ	0.3	0.2 U	1 U	0.2 U
Vanadium	EPA 6010B	2810	3	4	6 U	108	49	32			3 U			26	429	5	3	63
Zinc	EPA 6010B	81	10	20	20 U	10 U	10 U	10 U			10 U			10 U	20 U	10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)																		
TPH - Gasoline Range	NWTPH-Gx	800	250	250 U	250 U	250 U	250 U	250 U			250 U			250 U				
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250	250 U	250 U	250 U	250 U	250 U			250 U			250 U				
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500	500 U	500 U	500 U	500 U	500 U			500 U			500 U				

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-022 35-39 2-40-DP-22-35-W-0 6/19/2008	2-40-DP-022 41-45 2-40-DP-22-41-W-0 6/19/2008	2-40-DP-022 61-65 2-40-DP-22-61-W-0 6/20/2008	2-40-DP-023 10-14 2-40-DP-23-10-W-0 6/30/2008	2-40-DP-023 41-45 2-40-DP-23-41-W-0 6/30/2008	2-40-DP-023 61-65 2-40-DP-23-61-W-0 6/30/2008	2-40-DP-024 10-14 2-40-DP-24-10-W-0 6/10/2008	2-40-DP-024 35-39 2-40-DP-24-35-W-0 Dilution 6/10/2008	2-40-DP-024 35-39 2-40-DP-24-35-W-0 6/10/2008	2-40-DP-024 41-45 2-40-DP-24-41-W-0 6/10/2008	2-40-DP-024 61-65 2-40-DP-24-61-W-0 6/10/2008	2-40-DP-025 10-14 2-40-DP-25-10-W-0 7/3/2008	2-40-DP-026 10-14 2-40-DP-26-10-W-0 7/2/2008	2-40-DP-027 10-14 2-40-DP-27-10-W-0 6/5/2008
VOCs (µg/L)																	
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.8	0.5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1500	210 ES	0.2 U	0.2 U	0.5	0.4	0.2 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	100 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	250 U	4.3	3 U	3 U	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2	0.4	0.2 U	0.7	0.2 U	0.2	0.3	0.2 U	50 U	0.7	0.2	0.2 U	0.2 U	0.2	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	1.9	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	0.2 U	0.2 U	1.4	0.2 U	0.2 U	0.2 U	50 U	1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	50 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	50 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	250 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	250 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																	
Hexachloroethane	EPA 8270D		1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Phenanthrene	EPA 8270D		1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1				1 U			1 U			7.8	1 U	1 U	1 U	1 U
Chrysene	EPA 8270D	0.1	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D		1				1 U			1 U			1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1				0.1 U			0.1 U			0.19	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-022 35-39 2-40-DP-22-35-W-0 6/19/2008	2-40-DP-022 41-45 2-40-DP-22-41-W-0 6/19/2008	2-40-DP-022 61-65 2-40-DP-22-61-W-0 6/20/2008	2-40-DP-023 10-14 2-40-DP-23-10-W-0 6/30/2008	2-40-DP-023 41-45 2-40-DP-23-41-W-0 6/30/2008	2-40-DP-023 61-65 2-40-DP-23-61-W-0 6/30/2008	2-40-DP-024 10-14 2-40-DP-24-10-W-0 6/10/2008	2-40-DP-024 35-39 2-40-DP-24-35-W-0 Dilution 6/10/2008	2-40-DP-024 35-39 2-40-DP-24-35-W-0 6/10/2008	2-40-DP-024 41-45 2-40-DP-24-41-W-0 6/10/2008	2-40-DP-024 61-65 2-40-DP-24-61-W-0 6/10/2008	2-40-DP-025 10-14 2-40-DP-25-10-W-0 7/3/2008	2-40-DP-026 10-14 2-40-DP-26-10-W-0 7/2/2008	2-40-DP-027 10-14 2-40-DP-27-10-W-0 6/5/2008
Acenaphthylene	EPA 8270DSIM		0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1				0.1 U			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
PCBs (µg/L)																	
Aroclor 1254	EPA 8082	0.01	0.01		0.01 U	0.01 U											
Aroclor 1260	EPA 8082	0.01	0.01		0.01 U	0.01 U											
Total PCB	EPA 8082	0.01	0.01		0.01 U	0.01 U											
Inorganics (µg/L)																	
Chromium(VI)	A3500D	50	11														
WAD Cyanide	SM4500CN-I	5	5		5 U	5 U	5 U	5 U	5 U	5 U			5 U	5 U	5 U	5 U	5 U
Total Cyanide	EPA 335.2	5	5		5 U	5 U	12	5 U	5 U	8			5 U	5 U	5 U	10	14
Metals, Dissolved (µg/L)																	
Aluminum	EPA 6010B		50		50 U	120	130	70	100 U	100			50 U	50 U	100	80	50 U
Arsenic	EPA 200.8	8	0.5		0.5 U	2	19.9	0.6	4	8.4			0.5 U	2 U	24.4	24.6	7.2
Barium	EPA 6010B		3		8	49	7	26	233	8			43	117	19	10	13
Beryllium	EPA 6010B	135	1		1 U	1 U	1 U	1 U	2 U	1 U			1 U	1 U	1 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.2 U	0.5 U	0.2 U	0.2 U	1 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50		11400	53700	7890	27200	806000	18200			43200	183000	22900	6460	27800
Chromium	EPA 200.8		0.5		0.5 U	3	22	2 U	2 U	2 U			1 U	2 U	4	7	1.8
Cobalt	EPA 6010B		3		3 U	3 U	3 U	3 U	6 U	3 U			3 U	3 U	3 U	3 U	3 U
Copper	EPA 200.8	8	0.5		0.5 U	1 U	0.9 U	0.5 U	4	0.6			0.5 U	2 U	0.7	0.6	0.7
Iron	EPA 6010B		50		13000	14200	12500	19800	15500	21500			20100	24200	61200	25500	21800
Lead	EPA 200.8	8.1	1		1 U	2 U	1 U	1 U	5 U	1 U			1 U	5 U	1 U	1 U	1 U
Magnesium	EPA 6010B		50		9890	159000	7830	38400	778000	22900			68800	345000	14300	9170	26300
Manganese	EPA 6010B	2000	1		435	356	379	786	4100	834			1100	812	771	406	969
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U	0.02	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		5 U	17	5 U	11	30	5 U			14	13	7	5 U	5
Nickel	EPA 200.8	8.2	0.5		3.6	6	4	8.4	24	2			11.5	13	1.6	3	2.1
Silver	EPA 200.8	1.9	0.2		0.2 U	0.5 U	0.3	0.2 U	1 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3		3 U	4	100	3 U	6 U	13			3 U	3 U	34	36	13
Zinc	EPA 6010B	81	10		20	10 U	10 U	10 U	20 U	10 U			20	10 U	10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)																	
TPH - Gasoline Range	NWTPH-Gx	800	250												250 U		250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250												250 U		250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500												500 U		500 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-027 10-14 2-40-DP-27-10-W-0 Reextract 6/5/2008	2-40-DP-027 35-39 2-40-DP-27-35-W-0 6/5/2008	2-40-DP-027 35-39 2-40-DP-27-35-W-0 Dilution 6/5/2008	2-40-DP-027 41-45 2-40-DP-27-41-W-0 6/5/2008	2-40-DP-027 61-65 2-40-DP-27-61-W-0 7/2/2008	2-40-DP-028 10-14 2-40-DP-28-10-W-0 6/6/2008	2-40-DP-028 10-14 2-40-DP-28-10-W-0 Reextract 6/6/2008	2-40-DP-029 10-14 2-40-DP-29-10-W-0 6/3/2008	2-40-DP-029 28-32 2-40-DP-29-28-W-0 6/3/2008	2-40-DP-029 35-39 2-40-DP-29-35-W-0 6/3/2008	2-40-DP-029 41-45 2-40-DP-29-41-W-0 6/4/2008	2-40-DP-029 61-65 2-40-DP-29-61-W-0 6/4/2008
VOCs (µg/L)															
Chloromethane	EPA 8260B	26.3	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2		190 ES	980	15	0.3	0.3		0.2 U	0.2 U	0.2 U	0.4	0.2 U
Chloroethane	EPA 8260B	4050	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2	0.5	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	20 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3		3 U	50 U	3 U	3 U	3 U		3 U	5.5	5.5	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2		0.2 U	10 U	0.3	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.7	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		2.3	10 U	0.6	0.2 U	0.2 U		0.2 U	3.9	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.7	10 U	1.4	0.2 U	0.2 U		0.3	0.3	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2	0.2 U	0.2 UR	0.2 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 U	50 U	2.5 U	2.5 U	2.5 U		2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2		0.2 UJ	10 U	0.2 UJ	0.2 U	0.2 UJ		0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
Toluene	EPA 8260B	15000	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	10 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	10 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	50 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	50 U	0.5 U	0.5 U	0.5 U		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
SVOCs (µg/L)															
Hexachloroethane	EPA 8270D		1						1 U		1 U				
2,4-Dimethylphenol	EPA 8270D	273	1						1 U		1 U				
1,2,4-Trichlorobenzene	EPA 8270D	112	1						1 U		1 U				
Naphthalene	EPA 8270D	2440	1						1 U		1 U				
2-Methylnaphthalene	EPA 8270D		1						1 U		1 U				
Acenaphthylene	EPA 8270D		1						1 U		1 U				
Acenaphthene	EPA 8270D	318	1						1 U		1 U				
Dibenzofuran	EPA 8270D		1						1 U		1 U				
Fluorene	EPA 8270D	1710	1						1 U		1 U				
Hexachlorobenzene	EPA 8270D		1						1 U		1 U				
Phenanthrene	EPA 8270D		1						1 U		1 U				
Anthracene	EPA 8270D	12800	1						1 U		1 U				
Fluoranthene	EPA 8270D	44.6	1						1 U		1 U				
Pyrene	EPA 8270D	1280	1						1 U		1 U				
Benzo(a)anthracene	EPA 8270D	0.1	1						1 U		1 U				
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1						1 U		1 U				
Chrysene	EPA 8270D	0.1	1						1 U		1 U				
Benzo(b)fluoranthene	EPA 8270D	0.1	1						1 U		1 U				
Benzo(k)fluoranthene	EPA 8270D	0.1	1						1 U		1 U				
Benzo(a)pyrene	EPA 8270D	0.1	1						1 U		1 U				
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1						1 U		1 UJ				
Dibenz(a,h)anthracene	EPA 8270D	0.1	1						1 U		1 UJ				
Benzo(g,h,i)perylene	EPA 8270D		1						1 UJ		1 UJ				
1-Methylnaphthalene	EPA 8270D		1						1 U		1 U				
Naphthalene	EPA 8270DSIM	2440	0.1	0.1 UJ					0.1 UR	0.1 UJ	0.1 U				
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 UJ					0.1 UR	0.1 UJ	0.1 U				
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 UJ					0.1 UR	0.1 UJ	0.1 U				

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-027 10-14 2-40-DP-27-10-W-0 Reextract 6/5/2008	2-40-DP-027 35-39 2-40-DP-27-35-W-0 6/5/2008	2-40-DP-027 35-39 2-40-DP-27-35-W-0 Dilution 6/5/2008	2-40-DP-027 41-45 2-40-DP-27-41-W-0 6/5/2008	2-40-DP-027 61-65 2-40-DP-27-61-W-0 7/2/2008	2-40-DP-028 10-14 2-40-DP-28-10-W-0 6/6/2008	2-40-DP-028 10-14 2-40-DP-28-10-W-0 Reextract 6/6/2008	2-40-DP-029 10-14 2-40-DP-29-10-W-0 6/3/2008	2-40-DP-029 28-32 2-40-DP-29-28-W-0 6/3/2008	2-40-DP-029 35-39 2-40-DP-29-35-W-0 6/3/2008	2-40-DP-029 41-45 2-40-DP-29-41-W-0 6/4/2008	2-40-DP-029 61-65 2-40-DP-29-61-W-0 6/4/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U				
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U				
Fluorene	EPA 8270DSIM	1710	0.1	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U				
Phenanthrene	EPA 8270DSIM		0.1	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U				
Anthracene	EPA 8270DSIM	12800	0.1	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U				
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Pyrene	EPA 8270DSIM	1280	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
Dibenzofuran	EPA 8270DSIM		0.1	0.1 UJ					0.1 U	0.1 UJ	0.1 U				
PCBs (µg/L)															
Aroclor 1254	EPA 8082	0.01	0.01								0.01 U			0.018	0.01 U
Aroclor 1260	EPA 8082	0.01	0.01								0.01 U			0.01 U	0.01 U
Total PCB	EPA 8082	0.01	0.01								0.01 U			0.018	0.01 U
Inorganics (µg/L)															
Chromium(VI)	A3500D	50	11												
WAD Cyanide	SM4500CN-I	5	5				5 U	5 U			5 U			5 U	5 U
Total Cyanide	EPA 335.2	5	5				5 U	5 U			5 U			5 U	5 U
Metals, Dissolved (µg/L)															
Aluminum	EPA 6010B		50				50 U	200	60		60			50 U	50 U
Arsenic	EPA 200.8	8	0.5				0.5 U	2 U	7.2		2.3			0.7	1
Barium	EPA 6010B		3				19	93	5		11			6	37
Beryllium	EPA 6010B	135	1				1 U	1 U	1 U		1 U			1 U	1 U
Cadmium	EPA 200.8	8.8	0.2				0.2 U	1 U	0.2 U		0.2 U			0.2 U	0.5 U
Calcium	EPA 6010B		50				30500	118000	3350		16400			9230	48100
Chromium	EPA 200.8		0.5				1 U	4	2.4		4			1 U	2
Cobalt	EPA 6010B		3				3 U	3 U	3 U		3 U			3 U	3 U
Copper	EPA 200.8	8	0.5				0.5 U	2 U	0.5 U		0.5 U			0.5 U	1 U
Iron	EPA 6010B		50				20600	30200	8760		18500			6370	18700
Lead	EPA 200.8	8.1	1				1 U	5 U	1 U		1 U			1 U	2 U
Magnesium	EPA 6010B		50				29700	195000	8610		13700			6820	82100
Manganese	EPA 6010B	2000	1				1120	1340	226		551			451	495
Mercury	EPA 7470A	0.025	0.02				0.02 U	0.02 U	0.02 U		0.02 U			0.02 U	0.02 U
Molybdenum	EPA 6010B		5				7	22	5 U		5 U			10	12
Nickel	EPA 200.8	8.2	0.5				8.4	11	0.8		1.9			6.5	9
Silver	EPA 200.8	1.9	0.2				0.2 U	1 U	0.2 U		0.2 U			0.2 U	0.5 U
Vanadium	EPA 6010B	2810	3				3 U	3 U	16		25			3	3 U
Zinc	EPA 6010B	81	10				50	10 U	10 U		10 U			10 U	10
Petroleum Hydrocarbons (µg/L)															
TPH - Gasoline Range	NWTPH-Gx	800	250				250 U	250 U			250 U			250 U	250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250				250 U	250 U			250 U			250 U	250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500				500 U	500 U			500 U			500 U	500 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-030 10-14 2-40-DP-30-10-W-0 6/16/2008	2-40-DP-031 10-14 2-40-DP-31-10-W-0 7/8/2008	2-40-DP-032 10-14 2-40-DP-32-10-W-0 5/28/2008	2-40-DP-032 41-45 2-40-DP-32-41-W-0 5/28/2008	2-40-DP-032 61-65 2-40-DP-32-61-W-0 5/28/2008	2-40-DP-033 10-14 2-40-DP-33-10-W-0 6/2/2008	2-40-DP-033 25-29 2-40-DP-33-25-W-0 6/2/2008	2-40-DP-033 31-35 2-40-DP-33-31-W-0 6/2/2008	2-40-DP-033 41-45 2-40-DP-33-41-W-0 6/2/2008	2-40-DP-033 61-65 2-40-DP-33-61-W-0 6/3/2008	2-40-DP-034 10-14 2-40-DP-34-10-W-0 7/7/2008	2-40-DP-035 10-14 2-40-DP-35-10-W-0 5/30/2008	2-40-DP-035 10-14 2-40-DP-35-10-W-0 Reextract 5/30/2008	2-40-DP-035 25-29 2-40-DP-35-25-W-0 5/30/2008	2-40-DP-035 31-35 2-40-DP-35-31-W-0 5/30/2008
VOCs (µg/L)																		
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	1	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.5	0.2 U	0.4	0.2 U		0.3	0.2
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	6.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	5.2	3 U	3 U		3 U	4.2
Carbon Disulfide	EPA 8260B	34300	0.2	0.2 U	0.2 U	0.2 U	0.3	0.6	0.2 U	0.2	0.2 U	0.5	1.1	0.2 U	0.2 U		0.2 U	1
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U		0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	0.2 U	0.2 U	0.2	0.2 U	1	0.2 U	0.2 U	0.2 U	0.2 U	0.6	0.2 U		0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U		2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.9	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8		0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 UJ	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ		0.2 UJ	0.2 UJ
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U		0.5 U	0.5 U
SVOCs (µg/L)																		
Hexachloroethane	EPA 8270D		1	1 U	1 U	1 U			1 U					1 U	1 U			
2,4-Dimethylphenol	EPA 8270D	273	1	1 U	1 U	1 U			1 U					1 U	1 U			
1,2,4-Trichlorobenzene	EPA 8270D	112	1	1 U	1 U	1 U			1 U					1 U	1 U			
Naphthalene	EPA 8270D	2440	1	1 U	1 U	1 U			1 U					1 U	1 U			
2-Methylnaphthalene	EPA 8270D		1	1 U	1 U	1 U			1 U					1 U	1 U			
Acenaphthylene	EPA 8270D		1	1 U	1 U	1 U			1 U					1 U	1 U			
Acenaphthene	EPA 8270D	318	1	1 U	1 U	1 U			1 U					1 U	1 U			
Dibenzofuran	EPA 8270D		1	1 U	1 U	1 U			1 U					1 U	1 U			
Fluorene	EPA 8270D	1710	1	1 U	1 U	1 U			1 U					1 U	1 U			
Hexachlorobenzene	EPA 8270D		1	1 U	1 U	1 U			1 U					1 U	1 U			
Phenanthrene	EPA 8270D		1	1 U	1 U	1 U			1 U					1 U	1 U			
Anthracene	EPA 8270D	12800	1	1 U	1 U	1 U			1 U					1 U	1 U			
Fluoranthene	EPA 8270D	44.6	1	1 U	1 U	1 U			1 U					1 U	1 U			
Pyrene	EPA 8270D	1280	1	1 U	1 U	1 U			1 U					1 U	1 U			
Benzo(a)anthracene	EPA 8270D	0.1	1	1 U	1 U	1 U			1 U					1 U	1 U			
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1	1 U	1 U	15 U			1 U					1 U	1.1			
Chrysene	EPA 8270D	0.1	1	1 U	1 U	1 U			1 U					1 U	1 U			
Benzo(b)fluoranthene	EPA 8270D	0.1	1	1 U	1 U	1 U			1 U					1 U	1 U			
Benzo(k)fluoranthene	EPA 8270D	0.1	1	1 U	1 U	1 U			1 U					1 U	1 U			
Benzo(a)pyrene	EPA 8270D	0.1	1	1 U	1 U	1 U			1 U					1 U	1 U			
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1	1 U	1 U	1 UJ			1 U					1 U	1 U			
Dibenz(a,h)anthracene	EPA 8270D	0.1	1	1 U	1 U	1 UJ			1 U					1 U	1 U			
Benzo(g,h,i)perylene	EPA 8270D		1	1 U	1 U	1 UJ			1 U					1 U	1 U			
1-Methylnaphthalene	EPA 8270D		1	1 U	1 U	1 U			1 U					1 U	1 U			
Naphthalene	EPA 8270DSIM	2440	0.1	0.14	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-030 10-14 2-40-DP-30-10-W-0 6/16/2008	2-40-DP-031 10-14 2-40-DP-31-10-W-0 7/8/2008	2-40-DP-032 10-14 2-40-DP-32-10-W-0 5/28/2008	2-40-DP-032 41-45 2-40-DP-32-41-W-0 5/28/2008	2-40-DP-032 61-65 2-40-DP-32-61-W-0 5/28/2008	2-40-DP-033 10-14 2-40-DP-33-10-W-0 6/2/2008	2-40-DP-033 25-29 2-40-DP-33-25-W-0 6/2/2008	2-40-DP-033 31-35 2-40-DP-33-31-W-0 6/2/2008	2-40-DP-033 41-45 2-40-DP-33-41-W-0 6/2/2008	2-40-DP-033 61-65 2-40-DP-33-61-W-0 6/3/2008	2-40-DP-034 10-14 2-40-DP-34-10-W-0 7/7/2008	2-40-DP-035 10-14 2-40-DP-35-10-W-0 5/30/2008	2-40-DP-035 10-14 2-40-DP-35-10-W-0 Reextract 5/30/2008	2-40-DP-035 25-29 2-40-DP-35-25-W-0 5/30/2008	2-40-DP-035 31-35 2-40-DP-35-31-W-0 5/30/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Fluorene	EPA 8270DSIM	1710	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Phenanthrene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.11			0.1 U					0.1 U	0.1 UJ	0.1 U		
Anthracene	EPA 8270DSIM	12800	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Pyrene	EPA 8270DSIM	1280	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
Dibenzofuran	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U		
PCBs (µg/L)																		
Aroclor 1254	EPA 8082	0.01	0.01		0.01 U													
Aroclor 1260	EPA 8082	0.01	0.01		0.01 U													
Total PCB	EPA 8082	0.01	0.01		0.01 U													
Inorganics (µg/L)																		
Chromium(VI)	A3500D	50	11															
WAD Cyanide	SM4500CN-I	5	5		5 U	5 U	5 U	5 U	5 U			5 U	5 U	5 U	5 U			
Total Cyanide	EPA 335.2	5	5		6	5 U	5 U	5 U	5 U			5 U	5 U	5 U	5 U			
Metals, Dissolved (µg/L)																		
Aluminum	EPA 6010B		50	60	1400	50 U	50 U	100 U	50 U			50 U	100 U	50 U	50 U			
Arsenic	EPA 200.8	8	0.5	3.3	6.1	8.6	0.5 U	5 U	2.6			0.7	4	26	1.4			
Barium	EPA 6010B		3	4	20	8	62	451	12			23	284	4	18			
Beryllium	EPA 6010B	135	1	1 U	1 U	1 U	1 U	2 U	1 U			1 U	2 U	1 U	1 U			
Cadmium	EPA 200.8	8.8	0.2	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U			
Calcium	EPA 6010B		50	2780	25200	20400	140000	418000	54200			36100	645000	14900	53900			
Chromium	EPA 200.8		0.5	4.4	5	1 U	1 U	5 U	1 U			1 U	3	1.1	1 U			
Cobalt	EPA 6010B		3	3 U	3	3 U	3 U	6 U	3 U			3 U	6 U	3 U	3 U			
Copper	EPA 200.8	8	0.5	0.5 U	2.7	0.7	0.6	6	0.6			0.5 U	8	0.8	1.3			
Iron	EPA 6010B		50	18300	19100	11200	108000	94500	1750			15900	230000	12300	90			
Lead	EPA 200.8	8.1	1	1 U	1 U	1 U	1 U	10 U	1 U			1 U	5 U	1 U	1 U			
Magnesium	EPA 6010B		50	2970	14500	18500	116000	873000	10000			37600	892000	7130	13200			
Manganese	EPA 6010B	2000	1	233	420	221	3760	4210	83			974	5850	407	12			
Mercury	EPA 7470A	0.025	0.02	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U	0.02 U	0.02 U	0.02 U			
Molybdenum	EPA 6010B		5	5 U	13	10	16	50	5 U			11	20	8	6			
Nickel	EPA 200.8	8.2	0.5	1.4	4.1	4.3	21.5	41	2.5			9.7	24	2.3	0.8			
Silver	EPA 200.8	1.9	0.2	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U			
Vanadium	EPA 6010B	2810	3	34	11	8	3 U	6 U	3 U			3 U	6 U	14	3 U			
Zinc	EPA 6010B	81	10	10 U	10 U	10 U	70	70	10 U			10	40	10 U	10 U			
Petroleum Hydrocarbons (µg/L)																		
TPH - Gasoline Range	NWTPH-Gx	800	250						320 J			400 J	250 U		250 U			
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250						250 U			250 U	250 U		250 U			
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500						500 U			500 U	500 U		500 U			

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-035 41-45 2-40-DP-35-41-W-0 5/30/2008	2-40-DP-035 61-65 2-40-DP-35-61-W-0 6/2/2008	2-40-DP-036 10-14 2-40-DP-36-10-W-0 7/1/2008	2-40-DP-037 10-14 2-40-DP-37-10-W-0 5/22/2008	2-40-DP-037 19-23 2-40-DP-37-19-W-0 5/23/2008	2-40-DP-037 25-29 2-40-DP-37-25-W-0 5/23/2008	2-40-DP-037 31-35 2-40-DP-37-31-W-0 5/23/2008	2-40-DP-037 41-45 2-40-DP-37-41-W-0 5/23/2008	2-40-DP-037 41-45 2-40-DP-37-41-W-0 Dilution 5/23/2008	2-40-DP-037 61-65 2-40-DP-37-61-W-0 5/23/2008	2-40-DP-037 61-65 2-40-DP-37-61-W-0 Dilution 5/23/2008	2-40-DP-038 10-14 2-40-DP-38-10-W-0 5/22/2008	2-40-DP-038 19-23 2-40-DP-38-19-W-0 5/22/2008	2-40-DP-038 25-29 2-40-DP-38-25-W-0 5/22/2008
VOCs (µg/L)																	
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	0.2 U	0.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	7.9	10 U	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2	10 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	20 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 U	3 U	3 U	3 U	3 UR	3 U	3 U	3 U	15 UR	3 U	50 U	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2	0.2 U	0.8	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.3	1 U	0.4	10 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1.6	10 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	7.8	10 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	0.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	55 ES	78	300 ES	240	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	12 UR	2.5 U	50 U	2.5 U	2.5 U	4.6
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U	0.6	0.3	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2 U	0.4 U	10 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	1.9	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																	
Hexachloroethane	EPA 8270D		1			1 U	1 U				1 U		1 U		1 U		
2,4-Dimethylphenol	EPA 8270D	273	1			1 U	1 U				1 U		1 U		1 U		
1,2,4-Trichlorobenzene	EPA 8270D	112	1			1 U	1 U				1 U		1 U		1 U		
Naphthalene	EPA 8270D	2440	1			1 U	1 U				1 U		1 U		1 U		
2-Methylnaphthalene	EPA 8270D		1			1 U	1 U				1 U		1 U		1 U		
Acenaphthylene	EPA 8270D		1			1 U	1 U				1 U		1 U		1 U		
Acenaphthene	EPA 8270D	318	1			1 U	1 U				1 U		1 U		1 U		
Dibenzofuran	EPA 8270D		1			1 U	1 U				1 U		1 U		1 U		
Fluorene	EPA 8270D	1710	1			1 U	1 U				1 U		1 U		1 U		
Hexachlorobenzene	EPA 8270D		1			1 U	1 U				1 U		1 U		1 U		
Phenanthrene	EPA 8270D		1			1 U	1 U				1 U		1 U		1 U		
Anthracene	EPA 8270D	12800	1			1 U	1 U				1 U		1 U		1 U		
Fluoranthene	EPA 8270D	44.6	1			1 U	1 U				1 U		1 U		1 U		
Pyrene	EPA 8270D	1280	1			1 U	1 U				1 U		1 U		1 U		
Benzo(a)anthracene	EPA 8270D	0.1	1			1 U	1 U				1 U		1 U		1 U		
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1			1.4	1 U				1 U		1 U		1 U		
Chrysene	EPA 8270D	0.1	1			1 U	1 U				1 U		1 U		1 U		
Benzo(b)fluoranthene	EPA 8270D	0.1	1			1 U	1 U				1 U		1 U		1 U		
Benzo(k)fluoranthene	EPA 8270D	0.1	1			1 U	1 U				1 U		1 U		1 U		
Benzo(a)pyrene	EPA 8270D	0.1	1			1 U	1 U				1 U		1 U		1 U		
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1			1 U	1 U				1 U		1 U		1 U		
Dibenz(a,h)anthracene	EPA 8270D	0.1	1			1 U	1 U				1 U		1 U		1 U		
Benzo(g,h,i)perylene	EPA 8270D		1			1 U	1 U				1 U		1 U		1 U		
1-Methylnaphthalene	EPA 8270D		1			1 U	1 U				1 U		1 U		1 U		
Naphthalene	EPA 8270DSIM	2440	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
2-Methylnaphthalene	EPA 8270DSIM		0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
1-Methylnaphthalene	EPA 8270DSIM		0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-035 41-45 2-40-DP-35-41-W-0 5/30/2008	2-40-DP-035 61-65 2-40-DP-35-61-W-0 6/2/2008	2-40-DP-036 10-14 2-40-DP-36-10-W-0 7/1/2008	2-40-DP-037 10-14 2-40-DP-37-10-W-0 5/22/2008	2-40-DP-037 19-23 2-40-DP-37-19-W-0 5/23/2008	2-40-DP-037 25-29 2-40-DP-37-25-W-0 5/23/2008	2-40-DP-037 31-35 2-40-DP-37-31-W-0 5/23/2008	2-40-DP-037 41-45 2-40-DP-37-41-W-0 5/23/2008	2-40-DP-037 41-45 2-40-DP-37-41-W-0 Dilution 5/23/2008	2-40-DP-037 61-65 2-40-DP-37-61-W-0 5/23/2008	2-40-DP-037 61-65 2-40-DP-37-61-W-0 Dilution 5/23/2008	2-40-DP-038 10-14 2-40-DP-38-10-W-0 5/22/2008	2-40-DP-038 19-23 2-40-DP-38-19-W-0 5/22/2008	2-40-DP-038 25-29 2-40-DP-38-25-W-0 5/22/2008
Acenaphthylene	EPA 8270DSIM		0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Acenaphthene	EPA 8270DSIM	318	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Fluorene	EPA 8270DSIM	1710	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Phenanthrene	EPA 8270DSIM		0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Anthracene	EPA 8270DSIM	12800	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Fluoranthene	EPA 8270DSIM	44.6	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Pyrene	EPA 8270DSIM	1280	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Chrysene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
Dibenzofuran	EPA 8270DSIM		0.1			0.1 U	0.1 U				0.1 U		0.1 U		0.1 U		
PCBs (µg/L)																	
Aroclor 1254	EPA 8082	0.01	0.01				0.01 U				0.01 U		0.01 U				
Aroclor 1260	EPA 8082	0.01	0.01				0.01 U				0.01 U		0.01 U				
Total PCB	EPA 8082	0.01	0.01				0.01 U				0.01 U		0.01 U				
Inorganics (µg/L)																	
Chromium(VI)	A3500D	50	11														
WAD Cyanide	SM4500CN-I	5	5	5 U	5 U	5 U											
Total Cyanide	EPA 335.2	5	5	5 U	5 U	10											
Metals, Dissolved (µg/L)																	
Aluminum	EPA 6010B		50	50 U	250 U	100	50 U				250		100 U		50 U		
Arsenic	EPA 200.8	8	0.5	0.5 U	2	7.5	2.8				5 U		5 U		1.6		
Barium	EPA 6010B		3	35	260	12	7				285		453		6		
Beryllium	EPA 6010B	135	1	1 U	5 U	1 U	1 U				2 U		2 U		1 U		
Cadmium	EPA 200.8	8.8	0.2	0.2 U	2 U	0.2 U	0.2 U				2 U		2 U		0.2 U		
Calcium	EPA 6010B		50	68900	413000	7920	10400				405000		478000		9090		
Chromium	EPA 200.8		0.5	1 U	5 U	9	1 U				5		5 U		1 U		
Cobalt	EPA 6010B		3	3 U	20 U	3 U	3 U				6 U		6 U		3 U		
Copper	EPA 200.8	8	0.5	0.5 U	7	0.6	4.2				10		5 U		5.2		
Iron	EPA 6010B		50	32100	48700	12300	70				136000		83900		50 U		
Lead	EPA 200.8	8.1	1	1 U	10 U	1 U	1 U				10 U		10 U		1 U		
Magnesium	EPA 6010B		50	89900	1000000	7030	15600				916000		896000		17700		
Manganese	EPA 6010B	2000	1	1070	1080	393	19				4920		3540		13		
Mercury	EPA 7470A	0.025	0.02	0.02 U	0.02 U	0.02 U	0.02 U				0.02 U		0.02 U		0.02 U		
Molybdenum	EPA 6010B		5	13	40	5 U	7				20		20		5 U		
Nickel	EPA 200.8	8.2	0.5	11.2	27	1.5	1.9				23		22		1.7		
Silver	EPA 200.8	1.9	0.2	0.2 U	2 U	0.2 U	0.2 U				2 U		2 U		0.2 U		
Vanadium	EPA 6010B	2810	3	3 U	20 U	49	18				6 U		6 U		5		
Zinc	EPA 6010B	81	10	70	50 U	10 U	10 U				50		40		10 U		
Petroleum Hydrocarbons (µg/L)																	
TPH - Gasoline Range	NWTPH-Gx	800	250	250 U	250 U										250 U		
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250	250 U	250 U										250 U		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500	500 U	500 U										500 U		

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-038 31-35 2-40-DP-38-31-W-0 5/22/2008	2-40-DP-038 41-45 2-40-DP-38-41-W-0 5/22/2008	2-40-DP-038 61-65 2-40-DP-38-61-W-0 5/22/2008	2-40-DP-038 61-65 2-40-DP-38-61-W-0 Dilution 5/22/2008	2-40-DP-039 10-14 2-40-DP-39-10-W-0 5/20/2008	2-40-DP-039 19-23 2-40-DP-39-19-W-0 5/20/2008	2-40-DP-039 25-29 2-40-DP-39-25-W-0 5/20/2008	2-40-DP-039 31-35 2-40-DP-39-31-W-0 5/21/2008	2-40-DP-039 41-45 2-40-DP-39-41-W-0 5/21/2008	2-40-DP-039 61-65 2-40-DP-39-61-W-0 5/21/2008	2-40-DP-039 61-65 2-40-DP-39-61-W-0 Dilution 5/21/2008	2-40-DP-040 10-14 2-40-DP-40-14-W-0 5/16/2008	2-40-DP-040 19-23 2-40-DP-40-19-W-0 5/19/2008	2-40-DP-040 25-29 2-40-DP-40-25-W-0 5/19/2008
VOCs (µg/L)																	
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 UJ	0.2 UJ	0.2 UJ
Vinyl Chloride	EPA 8260B	0.731	0.2	0.3	0.2 U	1.8	6 U	0.2 U	0.2 U	13	0.3	0.2 U	0.2 U	1 U	0.2 U	1.3	0.2 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	1.7	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6	1 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	15 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 U	3 U	3 U	90 UR	3 U	3 U	3 U	3 U	3 U	3 U	15 UR	3 UR	3 UR	3 UR
Carbon Disulfide	EPA 8260B	34300	0.2	0.2 U	0.4	0.3	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.3	1 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.4	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	3.7	6.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.5	1.9	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	2.3	150 ES	650	0.2 U	0.2 U	0.2 U	0.2	0.7	31 E	35	0.9	1.6	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U	2.5 U	2.5 U	75 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 UR	2.5 UR	2.5 UR	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.6	0.2 U	6 U	0.9	0.2 U	0.2 U	0.2 U	0.2	0.2 U	1 U	3.7	0.3	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	12 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																	
Hexachloroethane	EPA 8270D		1					1 U							1 U		
2,4-Dimethylphenol	EPA 8270D	273	1					1 U							1 U		
1,2,4-Trichlorobenzene	EPA 8270D	112	1					1 U							1 U		
Naphthalene	EPA 8270D	2440	1					1 U							1 U		
2-Methylnaphthalene	EPA 8270D		1					1 U							1 U		
Acenaphthylene	EPA 8270D		1					1 U							1 U		
Acenaphthene	EPA 8270D	318	1					1 U							1 U		
Dibenzofuran	EPA 8270D		1					1 U							1 U		
Fluorene	EPA 8270D	1710	1					1 U							1 U		
Hexachlorobenzene	EPA 8270D		1					1 U							1 U		
Phenanthrene	EPA 8270D		1					1 U							1 U		
Anthracene	EPA 8270D	12800	1					1 U							1 U		
Fluoranthene	EPA 8270D	44.6	1					1 U							1 U		
Pyrene	EPA 8270D	1280	1					1 U							1 U		
Benzo(a)anthracene	EPA 8270D	0.1	1					1 U							1 U		
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1					1 U							1 U		
Chrysene	EPA 8270D	0.1	1					1 U							1 U		
Benzo(b)fluoranthene	EPA 8270D	0.1	1					1 U							1 U		
Benzo(k)fluoranthene	EPA 8270D	0.1	1					1 U							1 U		
Benzo(a)pyrene	EPA 8270D	0.1	1					1 U							1 U		
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1					1 U							1 U		
Dibenz(a,h)anthracene	EPA 8270D	0.1	1					1 U							1 U		
Benzo(g,h,i)perylene	EPA 8270D		1					1 U							1 U		
1-Methylnaphthalene	EPA 8270D		1					1 U							1 U		
Naphthalene	EPA 8270DSIM	2440	0.1					0.1 U							0.1 U		
2-Methylnaphthalene	EPA 8270DSIM		0.1					0.1 U							0.1 U		
1-Methylnaphthalene	EPA 8270DSIM		0.1					0.1 U							0.1 U		

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-038 31-35 2-40-DP-38-31-W-0 5/22/2008	2-40-DP-038 41-45 2-40-DP-38-41-W-0 5/22/2008	2-40-DP-038 61-65 2-40-DP-38-61-W-0 5/22/2008	2-40-DP-038 61-65 2-40-DP-38-61-W-0 Dilution 5/22/2008	2-40-DP-039 10-14 2-40-DP-39-10-W-0 5/20/2008	2-40-DP-039 19-23 2-40-DP-39-19-W-0 5/20/2008	2-40-DP-039 25-29 2-40-DP-39-25-W-0 5/20/2008	2-40-DP-039 31-35 2-40-DP-39-31-W-0 5/21/2008	2-40-DP-039 41-45 2-40-DP-39-41-W-0 5/21/2008	2-40-DP-039 61-65 2-40-DP-39-61-W-0 5/21/2008	2-40-DP-039 61-65 2-40-DP-39-61-W-0 Dilution 5/21/2008	2-40-DP-040 10-14 2-40-DP-40-14-W-0 5/16/2008	2-40-DP-040 19-23 2-40-DP-40-19-W-0 5/19/2008	2-40-DP-040 25-29 2-40-DP-40-25-W-0 5/19/2008
Acenaphthylene	EPA 8270DSIM		0.1					0.1 U							0.1 U		
Acenaphthene	EPA 8270DSIM	318	0.1					0.1 U							0.1 U		
Fluorene	EPA 8270DSIM	1710	0.1					0.1 U							0.1 U		
Phenanthrene	EPA 8270DSIM		0.1					0.1 U							0.1 U		
Anthracene	EPA 8270DSIM	12800	0.1					0.1 U							0.1 U		
Fluoranthene	EPA 8270DSIM	44.6	0.1					0.1 U							0.1 U		
Pyrene	EPA 8270DSIM	1280	0.1					0.1 U							0.1 U		
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1					0.1 U							0.1 U		
Chrysene	EPA 8270DSIM	0.1	0.1					0.1 U							0.1 U		
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1					0.1 U							0.1 U		
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1					0.1 U							0.1 U		
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1					0.1 U							0.1 U		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1					0.1 U							0.1 U		
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1					0.1 U							0.1 U		
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1					0.1 U							0.1 U		
Dibenzofuran	EPA 8270DSIM		0.1					0.1 U							0.1 U		
PCBs (µg/L)																	
Aroclor 1254	EPA 8082	0.01	0.01												0.01 UJ		
Aroclor 1260	EPA 8082	0.01	0.01												0.01 UJ		
Total PCB	EPA 8082	0.01	0.01												0.01 UJ		
Inorganics (µg/L)																	
Chromium(VI)	A3500D	50	11														
WAD Cyanide	SM4500CN-I	5	5														
Total Cyanide	EPA 335.2	5	5														
Metals, Dissolved (µg/L)																	
Aluminum	EPA 6010B		50		100 U	100 U		50 U				250 U	250 U		50 U		
Arsenic	EPA 200.8	8	0.5		5 U	5 U		1				5	5 U		0.7		
Barium	EPA 6010B		3		305	231		3 U				280	230		21		
Beryllium	EPA 6010B	135	1		2 U	2 U		1 U				5 U	5 U		1 U		
Cadmium	EPA 200.8	8.8	0.2		2 U	2 U		0.2 U				2 U	2 U		0.2 U		
Calcium	EPA 6010B		50		424000	399000		6910				413000	355000		28600		
Chromium	EPA 200.8		0.5		10 U	10 U		0.5 U				5 U	5 U		1.6		
Cobalt	EPA 6010B		3		6 U	6 U		3 U				20 U	20 U		3 U		
Copper	EPA 200.8	8	0.5		6	8		1.4				7	7		2.8		
Iron	EPA 6010B		50		101000	69000		50				105000	58700		50 U		
Lead	EPA 200.8	8.1	1		10 U	10 U		1 U				10 U	10 U		1 U		
Magnesium	EPA 6010B		50		789000	942000		19700				847000	965000		63900		
Manganese	EPA 6010B	2000	1		5040	2390		16				4630	2180		4		
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U		0.02 U				0.02 U	0.02 U		0.02 U		
Molybdenum	EPA 6010B		5		30	30		5				20 U	20 U		8		
Nickel	EPA 200.8	8.2	0.5		41	28		1.1				26	21		1.6		
Silver	EPA 200.8	1.9	0.2		2 U	2 U		0.2 U				2 U	2 U		0.2 U		
Vanadium	EPA 6010B	2810	3		6 U	6 U		3 U				20 U	20 U		5		
Zinc	EPA 6010B	81	10		170	50		10 U				50 U	50 U		10 U		
Petroleum Hydrocarbons (µg/L)																	
TPH - Gasoline Range	NWTPH-Gx	800	250		250 U	250 U		250 U				250 U	250 U		250 U		
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250		250 U	250 U		250 U				250 U	250 U		250 U		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500		500 U	500 U		500 U				500 U	500 U		500 U		

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-040 31-35 2-40-DP-40-31-W-0 5/19/2008	2-40-DP-040 41-45 2-40-DP-40-41-W-0 5/20/2008	2-40-DP-040 61-65 2-40-DP-40-61-W-0 5/20/2008	2-40-DP-041 10-14 2-40-DP-41-10-W-0 Dilution 5/14/2008	2-40-DP-041 10-14 2-40-DP-41-10-W-0 5/14/2008	2-40-DP-041 19-23 2-40-DP-41-19-W-0 5/15/2008	2-40-DP-041 25-29 2-40-DP-41-25-W-0 5/15/2008	2-40-DP-041 31-35 2-40-DP-41-31-W-0 5/15/2008	2-40-DP-041 41-45 2-40-DP-41-41-W-0 5/15/2008	2-40-DP-041 61-65 2-40-DP-41-61-W-0 5/15/2008	2-40-DP-042 10-14 2-40-DP-42-10-W-0 5/13/2008	2-40-DP-042 19-23 2-40-DP-42-19-W-0 5/14/2008	2-40-DP-042 25-29 2-40-DP-42-25-W-0 5/14/2008	2-40-DP-042 31-35 2-40-DP-42-31-W-0 5/14/2008	2-40-DP-042 41-45 2-40-DP-42-41-W-0 5/13/2008
VOCs (µg/L)																		
Chloromethane	EPA 8260B	26.3	0.2	0.2 UJ	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	13	0.4	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2	0.3	0.2 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 UR	3 U	3 U	9 UR	3 UR	3 U	3 U	3 U	3 U	3 U	3 UR	3 UR	3 UR	3 UR	3.6
Carbon Disulfide	EPA 8260B	34300	0.2	0.3	0.3	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2	1	1.2	0.2 U	0.4	0.2 U	0.2 U	0.7
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.4	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	1.1	3.6	2.3	2.3	6.8	0.2 U	0.2 U	0.4	3.3	0.2 U	0.3	0.2 U	0.2 U	0.5
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 UR	2.5 U	2.5 U	7.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U	32	31 E	4.9	0.2 U	0.2	0.7	0.3	0.6	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	1.2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																		
Hexachloroethane	EPA 8270D		1		1 U	1 U		1 U						1 U				
2,4-Dimethylphenol	EPA 8270D	273	1		1 U	1 U		1 U						1 U				
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U	1 U		1 U						1 U				
Naphthalene	EPA 8270D	2440	1		1 U	1 U		1 U						1 U				
2-Methylnaphthalene	EPA 8270D		1		1 U	1 U		1 U						1 U				
Acenaphthylene	EPA 8270D		1		1 U	1 U		1 U						1 U				
Acenaphthene	EPA 8270D	318	1		1 U	1 U		1 U						1 U				
Dibenzofuran	EPA 8270D		1		1 U	1 U		1 U						1 U				
Fluorene	EPA 8270D	1710	1		1 U	1 U		1 U						1 U				
Hexachlorobenzene	EPA 8270D		1		1 U	1 U		1 U						1 U				
Phenanthrene	EPA 8270D		1		1 U	1 U		1 U						1 U				
Anthracene	EPA 8270D	12800	1		1 U	1 U		1 U						1 U				
Fluoranthene	EPA 8270D	44.6	1		1 U	1 U		1 U						1 U				
Pyrene	EPA 8270D	1280	1		1 U	1 U		1 U						1 U				
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U	1 U		1 U						1 U				
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U	1 U		1 U						1 U				
Chrysene	EPA 8270D	0.1	1		1 U	1 U		1 U						1 U				
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U	1 U		1 U						1 U				
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U	1 U		1 U						1 U				
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U	1 U		1 U						1 U				
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U	1 U		1 U						1 U				
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U	1 U		1 U						1 U				
Benzo(g,h,i)perylene	EPA 8270D		1		1 U	1 U		1 U						1 U				
1-Methylnaphthalene	EPA 8270D		1		1 U	1 U		1 U						1 U				
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U						0.1 U				
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U						0.1 U				

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-040 31-35 2-40-DP-40-31-W-0 5/19/2008	2-40-DP-040 41-45 2-40-DP-40-41-W-0 5/20/2008	2-40-DP-040 61-65 2-40-DP-40-61-W-0 5/20/2008	2-40-DP-041 10-14 2-40-DP-41-10-W-0 Dilution 5/14/2008	2-40-DP-041 10-14 2-40-DP-41-10-W-0 5/14/2008	2-40-DP-041 19-23 2-40-DP-41-19-W-0 5/15/2008	2-40-DP-041 25-29 2-40-DP-41-25-W-0 5/15/2008	2-40-DP-041 31-35 2-40-DP-41-31-W-0 5/15/2008	2-40-DP-041 41-45 2-40-DP-41-41-W-0 5/15/2008	2-40-DP-041 61-65 2-40-DP-41-61-W-0 5/15/2008	2-40-DP-042 10-14 2-40-DP-42-10-W-0 5/13/2008	2-40-DP-042 19-23 2-40-DP-42-19-W-0 5/14/2008	2-40-DP-042 25-29 2-40-DP-42-25-W-0 5/14/2008	2-40-DP-042 31-35 2-40-DP-42-31-W-0 5/14/2008	2-40-DP-042 41-45 2-40-DP-42-41-W-0 5/13/2008
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Phenanthrene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Pyrene	EPA 8270DSIM	1280	0.1		0.27	0.1 U		0.1 U						0.1 U				
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U						0.1 U				
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U						0.1 U				
PCBs (µg/L)																		
Aroclor 1254	EPA 8082	0.01	0.01		0.01 U	0.01 U												
Aroclor 1260	EPA 8082	0.01	0.01		0.01 U	0.02												
Total PCB	EPA 8082	0.01	0.01		0.01 U	0.02												
Inorganics (µg/L)																		
Chromium(VI)	A3500D	50	11															
WAD Cyanide	SM4500CN-I	5	5															
Total Cyanide	EPA 335.2	5	5															
Metals, Dissolved (µg/L)																		
Aluminum	EPA 6010B		50		100 U	100 U		50 U				1410	1030	100 U				100 U
Arsenic	EPA 200.8	8	0.5		5 U	5		2.2				2 U	2 U	0.7				2 U
Barium	EPA 6010B		3		331	203		5				259	270	6 U				197
Beryllium	EPA 6010B	135	1		2 U	2 U		1 U				2 U	2 U	2 U				2 U
Cadmium	EPA 200.8	8.8	0.2		2 U	2 U		0.2 U				1 U	1 U	0.2 U				1 U
Calcium	EPA 6010B		50		473000	346000		17800				401000	399000	10600				392000
Chromium	EPA 200.8		0.5		5 U	5 U		0.8				11	9	0.5 U				2 U
Cobalt	EPA 6010B		3		6 U	6 U		3 U				6 U	6 U	6 U				6 U
Copper	EPA 200.8	8	0.5		7	9		1.4				12	13	2				6
Iron	EPA 6010B		50		111000	64100		60				61300	75600	100 U				84800
Lead	EPA 200.8	8.1	1		10 U	10 U		1 U				5 U	5 U	1 U				5 U
Magnesium	EPA 6010B		50		876000	957000		28800				837000	935000	34500				739000
Manganese	EPA 6010B	2000	1		7470	1960		5				2820	2830	19				2460
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U		0.02 U				0.02 U	0.02 U	0.02 U				0.02 U
Molybdenum	EPA 6010B		5		20	30		6				30	40	10 U				30
Nickel	EPA 200.8	8.2	0.5		31	26		0.9				49	34	1.4				29
Silver	EPA 200.8	1.9	0.2		2 U	2 U		0.2 U				1 U	1 U	0.2 U				1 U
Vanadium	EPA 6010B	2810	3		6 U	6 U		3 U				7	6 U	6 U				6 U
Zinc	EPA 6010B	81	10		130	110		10 U				170	160	20 U				190
Petroleum Hydrocarbons (µg/L)																		
TPH - Gasoline Range	NWTPH-Gx	800	250		250 U	250 U												
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250		250 U	250 U												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500		500 U	500 U												

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-042 61-65 2-40-DP-42-61-W-0 5/13/2008	2-40-DP-043 10-14 2-40-DP-43-10-W-0 5/12/2008	2-40-DP-043 19-23 2-40-DP-43-19-W-0 5/12/2008	2-40-DP-043 25-29 2-40-DP-43-25-W-0 5/12/2008	2-40-DP-043 31-35 2-40-DP-43-31-W-0 5/13/2008	2-40-DP-043 41-45 2-40-DP-43-41-W-0 5/12/2008	2-40-DP-043 61-65 2-40-DP-43-61-W-0 5/12/2008	2-40-DP-044 10-14 2-40-DP-44-W-10-0 12/16/2008	2-40-DP-044 19-23 2-40-DP-44-W-19-0 12/16/2008	2-40-DP-044 25-29 2-40-DP-44-W-25-0 12/16/2008	2-40-DP-044 31-35 2-40-DP-44-31-W-0 12/17/2008	2-40-DP-044 31-35 2-40-DP-44-31-W-0 Reanalysis 12/17/2008	2-40-DP-044 41-45 2-40-DP-44-41-W-0 12/17/2008	2-40-DP-044 61-65 2-40-DP-44-61-W-0 12/17/2008
VOCs (µg/L)																	
Chloromethane	EPA 8260B	26.3	0.2	0.3	0.2 U	0.2 UJ	0.3 J	0.2 UJ	0.2 U	0.2 U	0.2	0.2 U	0.3	0.2 U	1 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	0.2 U	0.2	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	1 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3.6	3 U	3 UR	3 UR	3 J	3 U	3 U	3	4.1 U	4.8 U	3 U	5 U	3 U	3.9 U
Carbon Disulfide	EPA 8260B	34300	0.2	0.6	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.3	0.2	0.2 U	0.6	0.5	1 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	5.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.5	7.6	6.5	0.2 U	0.5
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	3.7	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.7	1	0.2 U	0.8	92 E	65	0.6	2.8
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	5 U	2.5 UR	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.8	0.3	0.7	0.3	1 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7 J	0.5 UJ	0.7 J	0.5 UJ	5 U	0.5 UJ	0.5 UJ
SVOCs (µg/L)																	
Hexachloroethane	EPA 8270D		1		1 U				1 U	1 U	1 U						
2,4-Dimethylphenol	EPA 8270D	273	1		1 U				1 U	1 U	1 U						
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U				1 U	1 U	1 U						
Naphthalene	EPA 8270D	2440	1		1 U				1 U	1 U	1 U						
2-Methylnaphthalene	EPA 8270D		1		1 U				1 U	1 U	1 U						
Acenaphthylene	EPA 8270D		1		1 U				1 U	1 U	1 U						
Acenaphthene	EPA 8270D	318	1		1 U				1 U	1 U	5.6						
Dibenzofuran	EPA 8270D		1		1 U				1 U	1 U	1 U						
Fluorene	EPA 8270D	1710	1		1 U				1 U	1 U	1 U						
Hexachlorobenzene	EPA 8270D		1		1 U				1 U	1 U	1 U						
Phenanthrene	EPA 8270D		1		1 U				1 U	1 U	1 U						
Anthracene	EPA 8270D	12800	1		1 U				1 U	1 U	1 U						
Fluoranthene	EPA 8270D	44.6	1		1 U				1 U	1 U	1 U						
Pyrene	EPA 8270D	1280	1		1 U				1 U	1 U	1 U						
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U				1 U	1 U	1 U						
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U				1 U	1 U	13 U						
Chrysene	EPA 8270D	0.1	1		1 U				1 U	1 U	1 U						
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U				1 U	1 U	1 U						
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U				1 U	1 U	1 U						
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U				1 U	1 U	1 U						
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U				1 U	1 U	1 U						
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U				1 U	1 U	1 U						
Benzo(g,h,i)perylene	EPA 8270D		1		1 U				1 U	1 U	1 U						
1-Methylnaphthalene	EPA 8270D		1		1 U				1 U	1 U	1 U						
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U				0.1 U	0.1 U	0.35						
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U				0.1 U	0.1 U	0.18						
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U				0.1 U	0.1 U	0.1						

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-042 61-65 2-40-DP-42-61-W-0 5/13/2008	2-40-DP-043 10-14 2-40-DP-43-10-W-0 5/12/2008	2-40-DP-043 19-23 2-40-DP-43-19-W-0 5/12/2008	2-40-DP-043 25-29 2-40-DP-43-25-W-0 5/12/2008	2-40-DP-043 31-35 2-40-DP-43-31-W-0 5/13/2008	2-40-DP-043 41-45 2-40-DP-43-41-W-0 5/12/2008	2-40-DP-043 61-65 2-40-DP-43-61-W-0 5/12/2008	2-40-DP-044 10-14 2-40-DP-44-W-10-0 12/16/2008	2-40-DP-044 19-23 2-40-DP-44-W-19-0 12/16/2008	2-40-DP-044 25-29 2-40-DP-44-W-25-0 12/16/2008	2-40-DP-044 31-35 2-40-DP-44-31-W-0 12/17/2008	2-40-DP-044 31-35 2-40-DP-44-31-W-0 Reanalysis 12/17/2008	2-40-DP-044 41-45 2-40-DP-44-41-W-0 12/17/2008	2-40-DP-044 61-65 2-40-DP-44-61-W-0 12/17/2008
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U				0.1 U	0.1 U	5.6						
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Phenanthrene	EPA 8270DSIM		0.1		0.1 U				0.1 U	0.1 U	0.26						
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U				0.1 U	0.1 U	0.36						
Pyrene	EPA 8270DSIM	1280	0.1		0.1 U				0.1 U	0.1 U	0.82						
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U				0.1 U	0.1 U	0.1 U						
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U				0.1 U	0.1 U	0.11						
PCBs (µg/L)																	
Aroclor 1254	EPA 8082	0.01	0.01		0.01 U				0.01 U	0.01 U							
Aroclor 1260	EPA 8082	0.01	0.01		0.01 U				0.013	0.01 U							
Total PCB	EPA 8082	0.01	0.01		0.01 U				0.013	0.01 U							
Inorganics (µg/L)																	
Chromium(VI)	A3500D	50	11														
WAD Cyanide	SM4500CN-I	5	5														
Total Cyanide	EPA 335.2	5	5														
Metals, Dissolved (µg/L)																	
Aluminum	EPA 6010B		50	250 U	50 U				100 U	250 U	50 U					100 U	100 U
Arsenic	EPA 200.8	8	0.5	5 U	1.4				2 U	5 U	0.5 U					5 U	5 U
Barium	EPA 6010B		3	250	16				165	230	9					161	255
Beryllium	EPA 6010B	135	1	5 U	1 U				2 U	5 U	1 U					2 U	2 U
Cadmium	EPA 200.8	8.8	0.2	2 U	0.2 U				1 U	2 U	0.2 U					2 U	2 U
Calcium	EPA 6010B		50	371000	29700				165000	345000	33900					310000	255000
Chromium	EPA 200.8		0.5	5 U	0.6				2 U	5 U	1					5 U	5 U
Cobalt	EPA 6010B		3	20 U	3 U				6 U	20 U	3 U					6 U	6 U
Copper	EPA 200.8	8	0.5	7	4.1				3	6	0.8					10	8
Iron	EPA 6010B		50	45200	50 U				15700	37600	1250					20300	32800
Lead	EPA 200.8	8.1	1	10 U	1 U				5 U	10 U	1 U					10 U	10 U
Magnesium	EPA 6010B		50	961000	51800				437000	967000	74000					956000	759000
Manganese	EPA 6010B	2000	1	1880	1 U				755	1150	55					535	1050
Mercury	EPA 7470A	0.025	0.02	0.02 U	0.02 U				0.02 U	0.02 U	0.02 U					0.02 U	0.02 U
Molybdenum	EPA 6010B		5	50	8				20	40	12					40	40
Nickel	EPA 200.8	8.2	0.5	27	1.4				13	16	2.2					20	14
Silver	EPA 200.8	1.9	0.2	2 U	0.2 U				1 U	2 U	0.2 U					2 U	2 U
Vanadium	EPA 6010B	2810	3	20 U	6				6 U	20 U	18					6 U	6 U
Zinc	EPA 6010B	81	10	100	10 U				80	50 U	10 U					20 U	20 U
Petroleum Hydrocarbons (µg/L)																	
TPH - Gasoline Range	NWTPH-Gx	800	250														
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250														
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500														

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-045 10-14 2-40-DP-45-10-W-0 5/27/2008	2-40-DP-045 19-23 2-40-DP-45-19-W-0 5/27/20082	2-40-DP-045 25-29 2-40-DP-45-25-W-0 5/27/2008	2-40-DP-045 31-35 2-40-DP-45-31-W-0 5/27/2008	2-40-DP-045 41-45 2-40-DP-45-41-W-0 5/27/2008	2-40-DP-045 61-65 2-40-DP-45-61-W-0 5/27/2008	2-40-DP-046 10-14 2-40-DP-46-10-W-0 6/9/2008	2-40-DP-047 10-14 2-40-DP-47-10-W-0 6/25/2008	2-40-DP-048 10-14 2-40-DP-48-10-W-0 7/1/2008	2-40-DP-049 10-14 2-40-DP-49-10-W-0 6/27/2008	2-40-DP-050 10-14 2-40-DP-50-10-W-0 6/18/2008	2-40-DP-051 10-14 2-40-DP-51-10-W-0 6/3/2008	2-40-DP-052 10-14 2-40-DP-52-10-W-0 7/2/2008	2-40-DP-053 10-14 2-40-DP-53-10-W-0 6/9/2008	2-40-DP-054 10-14 2-40-DP-54-10-W-0 6/6/2008
VOCs (µg/L)																		
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	0.4	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 UR	3 UR	3 UR	3 UR	6.3 J	4.4 J	5.6	3 U	3 U	3.3	3.3 UR	3 U	3.5 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2	0.2 U	0.2 U	0.3	0.2 U	0.4	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	0.4	0.2 U	0.2 U	8.6	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UJ	2.5 UR	5 U	2.5 UR	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2	0.3	0.2 U	0.2 U	0.2 U	1.3	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																		
Hexachloroethane	EPA 8270D		1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1	1 U						1 U	1 U	1 U	1 U	2.8	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	EPA 8270D		1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1	1 U						1	1 U	1 U	1 U	1 U	2.4	1 U	1 U	1 U
Chrysene	EPA 8270D	0.1	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1	1 U						1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1	1 U						1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1	1 U						1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 UJ	1 UJ
1-Methylnaphthalene	EPA 8270D		1	1 U						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1	0.1 U						0.1 U	0.1 U	0.11	0.1 U	0.1 U	0.1 U	0.13	0.13	0.1 UR
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.55	0.1 U	0.1 U	0.1 U	0.1 UR

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-045 10-14 2-40-DP-45-10-W-0 5/27/2008	2-40-DP-045 19-23 2-40-DP-45-19-W-0 5/27/20082	2-40-DP-045 25-29 2-40-DP-45-25-W-0 5/27/2008	2-40-DP-045 31-35 2-40-DP-45-31-W-0 5/27/2008	2-40-DP-045 41-45 2-40-DP-45-41-W-0 5/27/2008	2-40-DP-045 61-65 2-40-DP-45-61-W-0 5/27/2008	2-40-DP-046 10-14 2-40-DP-46-10-W-0 6/9/2008	2-40-DP-047 10-14 2-40-DP-47-10-W-0 6/25/2008	2-40-DP-048 10-14 2-40-DP-48-10-W-0 7/1/2008	2-40-DP-049 10-14 2-40-DP-49-10-W-0 6/27/2008	2-40-DP-050 10-14 2-40-DP-50-10-W-0 6/18/2008	2-40-DP-051 10-14 2-40-DP-51-10-W-0 6/3/2008	2-40-DP-052 10-14 2-40-DP-52-10-W-0 7/2/2008	2-40-DP-053 10-14 2-40-DP-53-10-W-0 6/9/2008	2-40-DP-054 10-14 2-40-DP-54-10-W-0 6/6/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.13	0.1 U	0.1 U	0.1 U	0.1 UJ
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 U						0.17	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Fluorene	EPA 8270DSIM	1710	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Phenanthrene	EPA 8270DSIM		0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Anthracene	EPA 8270DSIM	12800	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1	0.1 U						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
PCBs (µg/L)																		
Aroclor 1254	EPA 8082	0.01	0.01							0.01 U				0.01 U	0.01 U	0.01 U		
Aroclor 1260	EPA 8082	0.01	0.01							0.01 U				0.01 U	0.01 U	0.01 U		
Total PCB	EPA 8082	0.01	0.01							0.01 U				0.01 U	0.01 U	0.01 U		
Inorganics (µg/L)																		
Chromium(VI)	A3500D	50	11															
WAD Cyanide	SM4500CN-I	5	5							5 U	5 U			5 U	5 U	5 U	5 U	5 U
Total Cyanide	EPA 335.2	5	5							10	5 U			5 U	7	51	8	5 U
Metals, Dissolved (µg/L)																		
Aluminum	EPA 6010B		50	50 U				150	100 U	930	50 U	50 U	50 U	120	50 U	140	50 U	80
Arsenic	EPA 200.8	8	0.5	3.6				5 U	5 U	15.8	0.6	9.7	7.6	7.7	11.9	10.6	7.3	11.9
Barium	EPA 6010B		3	6				255	473	25	14	7	28	14	15	12	7	9
Beryllium	EPA 6010B	135	1	1 U				2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2	0.2 U				2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50	12100				379000	509000	11000	36700	7700	68800	22300	38300	12900	14400	4660
Chromium	EPA 200.8		0.5	1 U				5 U	5 U	62	0.7	4	5	2.6	1	4	6	3.5
Cobalt	EPA 6010B		3	3 U				6 U	6 U	6 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Copper	EPA 200.8	8	0.5	5.6				7	5 U	16.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.5 U
Iron	EPA 6010B		50	50 U				76500	96200	11700	30600	21800	34600	24500	20600	23900	17400	12600
Lead	EPA 200.8	8.1	1	1 U				10 U	10 U	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Magnesium	EPA 6010B		50	22200				909000	858000	10100	24600	9300	25300	13800	29900	17300	15900	11400
Manganese	EPA 6010B	2000	1	7				3050	3590	372	589	417	2550	1110	588	499	539	191
Mercury	EPA 7470A	0.025	0.02	0.02 U				0.02 U	0.02 U	0.0417	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5	6				20	20	10 U	5 U	5 U	7	5 U	9	5 U	5 U	5 U
Nickel	EPA 200.8	8.2	0.5	2				36	32	10	1.4	0.8	4	0.9	1.7	1.5	1.2	1.6
Silver	EPA 200.8	1.9	0.2	0.2 U				2 U	2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3	34				6 U	6 U	301	3 U	21	32	19	11	18	32	28
Zinc	EPA 6010B	81	10	10 U				50	130	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)																		
TPH - Gasoline Range	NWTPH-Gx	800	250								250 U				250 U	250 U		
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250								250 U				250 U	250 U		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500								500 U				500 U	500 U		

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-054 10-14 2-40-DP-54-10-W-0 Reextract 6/6/2008	2-40-DP-055 12-16 2-40-DP-55-12-W-0 7/7/2008	2-40-DP-056 10-14 2-40-DP-56-10-W-0 Dilution 6/4/2008	2-40-DP-056 10-14 2-40-DP-56-10-W-0 6/4/2008	2-40-DP-057 10-14 2-40-DP-57-10-W-0 6/5/2008	2-40-DP-057 10-14 2-40-DP-57-10-W-0 Reextract 6/5/2008	2-40-DP-058 10-14 2-40-DP-58-10-W-0 6/10/2008	2-40-DP-059 10-14 2-40-DP-59-10-W-0 6/18/2008	2-40-DP-060 10-14 2-40-DP-60-10-W-0 6/17/2008	2-40-DP-060 10-14 2-40-DP-60-10-W-0-X 6/18/2008	2-40-DP-061 10-14 2-40-DP-61-10-W-0 6/11/2008	2-40-DP-062 12-16 2-40-DP-62-12-W-0 6/17/2008	2-40-DP-063 11-15 2-40-DP-63-11-W-0 6/17/2008
VOCs (µg/L)																
Chloromethane	EPA 8260B	26.3	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2		0.2 U	1.3	1.8	0.4		0.2	0.2	0.2 U		1 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	4050	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	1.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		2 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3		3 U	9 U	3 U	3 U		3 U	3 UR	5.4		5 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 UJ	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.2 U	5.7	12	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 U	7.5 UR	2.5 UR	2.5 U		2.5 U	2.5 UR	2.5 U		5 U	2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	18	30 E	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	9.2		1 U	0.7	0.4
Bromoform	EPA 8260B	43.3	0.2		0.2 U	0.6 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 U	0.2 UJ		1 U	0.2 UJ	0.2 UJ
Toluene	EPA 8260B	15000	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	1.2 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U		1 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	0.6 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	1.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	1.5 UJ	0.5 UJ	0.5 U		0.5 U	0.5 U	0.5 U		5 U	0.5 U	0.5 U
SVOCs (µg/L)																
Hexachloroethane	EPA 8270D		1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Phenanthrene	EPA 8270D		1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U		3.1 U	1.8		1 U	1 U	1 U		1 U	1 U	1 U
Chrysene	EPA 8270D	0.1	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1		1 U		1 U	1 UJ		1 U	1 U	1 U		1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D		1		1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1		0.11	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.14	0.1 U		0.1 U	0.1 U	0.1 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-054 10-14 2-40-DP-54-10-W-0 Reextract 6/6/2008	2-40-DP-055 12-16 2-40-DP-55-12-W-0 7/7/2008	2-40-DP-056 10-14 2-40-DP-56-10-W-0 Dilution 6/4/2008	2-40-DP-056 10-14 2-40-DP-56-10-W-0 6/4/2008	2-40-DP-057 10-14 2-40-DP-57-10-W-0 6/5/2008	2-40-DP-057 10-14 2-40-DP-57-10-W-0 Reextract 6/5/2008	2-40-DP-058 10-14 2-40-DP-58-10-W-0 6/10/2008	2-40-DP-059 10-14 2-40-DP-59-10-W-0 6/18/2008	2-40-DP-060 10-14 2-40-DP-60-10-W-0 6/17/2008	2-40-DP-060 10-14 2-40-DP-60-10-W-0-X 6/18/2008	2-40-DP-061 10-14 2-40-DP-61-10-W-0 6/11/2008	2-40-DP-062 12-16 2-40-DP-62-12-W-0 6/17/2008	2-40-DP-063 11-15 2-40-DP-63-11-W-0 6/17/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1	0.1 UJ	0.1 U		0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U
PCBs (µg/L)																
Aroclor 1254	EPA 8082	0.01	0.01					0.01 U		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
Aroclor 1260	EPA 8082	0.01	0.01					0.01 U		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
Total PCB	EPA 8082	0.01	0.01					0.01 U		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
Inorganics (µg/L)																
Chromium(VI)	A3500D	50	11				11 UJ									
WAD Cyanide	SM4500CN-I	5	5		5 U		5 U	5 U		5 U			5 U	5 U	17	5 U
Total Cyanide	EPA 335.2	5	5		10 J		9	6		5 U			5 U	15	82	5 U
Metals, Dissolved (µg/L)																
Aluminum	EPA 6010B		50		50 U		60	50 U		120	130		250	270	80	60
Arsenic	EPA 200.8	8	0.5		11.6		13.8	4.8		18.8	5.8		16.8	13.3	9.2	4.3
Barium	EPA 6010B		3		7		10	12		12	7		8	19	14	12
Beryllium	EPA 6010B	135	1		1 U		1 U	1 U		1 U	1 U		1 U	1 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50		10000		10100	12100		10800	9890		11000	11000	16900	17100
Chromium	EPA 200.8		0.5		2.3		4	9		17	7		20	37	11	4
Cobalt	EPA 6010B		3		3 U		3 U	3 U		3 U	3 U		3 U	3 U	3 U	3 U
Copper	EPA 200.8	8	0.5		0.5 U		1	0.5 U		0.6	0.5 U		1	3.3	0.5 U	0.5 U
Iron	EPA 6010B		50		14400		17100	23400		12400	8790		9500	9910	17200	15600
Lead	EPA 200.8	8.1	1		1 U		1 U	1 U		1 U	1 U		1 U	1 U	1 U	1 U
Magnesium	EPA 6010B		50		15100		15600	13900		15000	7500		16400	14700	11500	11500
Manganese	EPA 6010B	2000	1		382		503	595		375	492		390	262	543	573
Mercury	EPA 7470A	0.025	0.02		0.02 U		0.02 U	0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		5 U		5	6		5 U	5 U		5 U	5 U	5 U	5 U
Nickel	EPA 200.8	8.2	0.5		4.2		4.4	1		1.7	1		2.4	3.1	1.3	0.8
Silver	EPA 200.8	1.9	0.2		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3		14		31	18		87	48		102	165	61	22
Zinc	EPA 6010B	81	10		10 U		10 U	10 U		10 U	10 U		20	10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)																
TPH - Gasoline Range	NWTPH-Gx	800	250													
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250													
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500													

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-064 10-14 2-40-DP-64-10-W-0 6/5/2008	2-40-DP-064 10-14 2-40-DP-64-10-W-0 Reextract 6/5/2008	2-40-DP-065 10-14 2-40-DP-65-10-W-0 6/9/2008	2-40-DP-066 10-14 2-40-DP-66-10-W-0 6/16/2008	2-40-DP-067 10-14 2-40-DP-67-10-W-0 6/19/2008	2-40-DP-068 10-14 2-40-DP-68-10-W-0 6/19/2008	2-40-DP-069 10-14 2-40-DP-69-10-W-0 5/28/2008	2-40-DP-070 10-14 2-40-DP-70-10-W-0 5/28/2008	2-40-DP-071 10-14 2-40-DP-71-10-W-0 6/23/2008	2-40-DP-072 10-14 2-40-DP-72-10-W-0 6/24/2008	2-40-DP-073 10-14 2-40-DP-73-10-W-0 6/25/2008	2-40-DP-074 10-14 2-40-DP-74-10-W-0 7/2/2008	2-40-DP-075 10-14 2-40-DP-75-10-W-0 7/1/2008	2-40-DP-076 10-14 2-40-DP-76-10-W-0 6/5/2008
VOCs (µg/L)																	
Chloromethane	EPA 8260B	26.3	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2		0.2	0.2 U	0.2 U	1.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2
Chloroethane	EPA 8260B	4050	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 U		3.8	8.3	6.7	4	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2	0.4		0.2 U	0.2 U	0.2 U	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.1
Benzene	EPA 8260B	4.48	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 UJ		0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 UJ
Toluene	EPA 8260B	15000	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																	
Hexachloroethane	EPA 8270D		1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	EPA 8270D		1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	2.4	1.1 U	1 U	1 U	1 U	1 U
Chrysene	EPA 8270D	0.1	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1	1 U		1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1	1 U		1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1	1 U		1 UJ	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D		1	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1	0.12	0.1 UJ	0.1 U	0.13	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-064 10-14 2-40-DP-64-10-W-0 6/5/2008	2-40-DP-064 10-14 2-40-DP-64-10-W-0 Reextract 6/5/2008	2-40-DP-065 10-14 2-40-DP-65-10-W-0 6/9/2008	2-40-DP-066 10-14 2-40-DP-66-10-W-0 6/16/2008	2-40-DP-067 10-14 2-40-DP-67-10-W-0 6/19/2008	2-40-DP-068 10-14 2-40-DP-68-10-W-0 6/19/2008	2-40-DP-069 10-14 2-40-DP-69-10-W-0 5/28/2008	2-40-DP-070 10-14 2-40-DP-70-10-W-0 5/28/2008	2-40-DP-071 10-14 2-40-DP-71-10-W-0 6/23/2008	2-40-DP-072 10-14 2-40-DP-72-10-W-0 6/24/2008	2-40-DP-073 10-14 2-40-DP-73-10-W-0 6/25/2008	2-40-DP-074 10-14 2-40-DP-74-10-W-0 7/2/2008	2-40-DP-075 10-14 2-40-DP-75-10-W-0 7/1/2008	2-40-DP-076 10-14 2-40-DP-76-10-W-0 6/5/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.16	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
PCBs (µg/L)																	
Aroclor 1254	EPA 8082	0.01	0.01					0.01 U	0.01 U								
Aroclor 1260	EPA 8082	0.01	0.01					0.01 U	0.01 U								
Total PCB	EPA 8082	0.01	0.01					0.01 U	0.01 U								
Inorganics (µg/L)																	
Chromium(VI)	A3500D	50	11														11 UJ
WAD Cyanide	SM4500CN-I	5	5	5 U		5 U		5 U		5 U	5 U	7	5 U	56	32	5 U	5 U
Total Cyanide	EPA 335.2	5	5	7		7		13		5 U	5 U	30	5 U	500	252	6	8
Metals, Dissolved (µg/L)																	
Aluminum	EPA 6010B		50	80		440	70	390	70	50 U	50 U	50 U	60	50 U	50 U	400	50 U
Arsenic	EPA 200.8	8	0.5	13.2		18.3	41.5	23.3	9.4	1 U	1 U	2.7	0.8	1.1	1.2	20	7.7
Barium	EPA 6010B		3	8		18	20	34	7	106	77	23	4	12	6	9	9
Beryllium	EPA 6010B	135	1	1 U		2 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.9	4.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50	7300		11000	33100	20000	21800	58800	55300	24600	7450	30500	18100	3660	5880
Chromium	EPA 200.8		0.5	8		22	12	72	2	1 U	1 U	0.9	1 U	1 U	1 U	9	6
Cobalt	EPA 6010B		3	3 U		14	4	6 U	3 U	3 U	8	3 U	3 U	3 U	3 U	3 U	3 U
Copper	EPA 200.8	8	0.5	0.5		4.6	0.9	3.5	0.5 U	3	3	0.5 U	0.6	0.5 U	0.5 U	2.1	0.5 U
Iron	EPA 6010B		50	16400		4740	26800	21200	20300	50 U	50 U	12000	2070	10100	3230	12600	13800
Lead	EPA 200.8	8.1	1	1 U		1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Magnesium	EPA 6010B		50	11600		10300	28100	30800	11600	148000	140000	11100	2700	15000	6680	5390	11700
Manganese	EPA 6010B	2000	1	372		524	641	280	1860	18	31	271	246	302	94	260	336
Mercury	EPA 7470A	0.025	0.02	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5	5 U		10 U	13	10 U	5 U	9	10	5 U	5 U	5 U	5 U	5 U	5 U
Nickel	EPA 200.8	8.2	0.5	2.1		18.7	10.2	4.3	0.9	3	13	1.8	2.8	1.1	3.2	1.3	3.7
Silver	EPA 200.8	1.9	0.2	0.2 U		0.2 U	0.2 U	0.3	0.2 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3	39		106	73	336	14	3	9	6	8	4	6	52	32
Zinc	EPA 6010B	81	10	10 U		20 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)																	
TPH - Gasoline Range	NWTPH-Gx	800	250										250 U	250 U			
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250										250 U	250 U			
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500										500 U	500 U			

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-076 10-14 2-40-DP-76-10-W-0 Reextract 6/5/2008	2-40-DP-077 10-14 2-40-DP-77-10-W-0 6/2/2008	2-40-DP-078 10-14 2-40-DP-78-10-W-0 5/28/2008	2-40-DP-079 10-14 2-40-DP-79-10-W-0 6/24/2008	2-40-DP-080 10-14 2-40-DP-80-10-W-0 6/9/2008	2-40-DP-081 10-14 2-40-DP-81-10-W-0 6/6/2008	2-40-DP-081 10-14 2-40-DP-81-10-W-0 Reextract 6/6/2008	2-40-DP-082 10-14 2-40-DP-82-10-W-0 6/13/2008	2-40-DP-083 10-14 2-40-DP-83-10-W-0 6/3/2008	2-40-DP-084 10-14 2-40-DP-84-10-W-0 5/30/2008	2-40-DP-084 10-14 2-40-DP-84-10-W-0 Reextract 5/30/2008	2-40-DP-085 10-14 2-40-DP-85-10-W-0 7/2/2008	2-40-DP-086 10-14 2-40-DP-86-10-W-0 6/13/2008
VOCs (µg/L)																
Chloromethane	EPA 8260B	26.3	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.3		0.6	0.2 U	0.2 U		0.2 U	0.6
Chloroethane	EPA 8260B	4050	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3		3 U	3 U	3 U	3 U	3 U		3 U	7.8	3 U		3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2		0.2 U	0.3	0.2 U	0.2 U	0.2		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.2 U	0.6	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U		2.5 U	2.5 UR	2.5 U		2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2		0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 UJ		0.2 UJ	0.2 UJ	0.2 UJ		0.2 U	0.2 UJ
Toluene	EPA 8260B	15000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U		0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 UJ	0.5 U		0.5 U	0.5 U
SVOCs (µg/L)																
Hexachloroethane	EPA 8270D		1		1 U	20	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Naphthalene	EPA 8270D	2440	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
2-Methylnaphthalene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Acenaphthylene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Acenaphthene	EPA 8270D	318	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Dibenzofuran	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Fluorene	EPA 8270D	1710	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Hexachlorobenzene	EPA 8270D		1		1 U	1.9	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Phenanthrene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Anthracene	EPA 8270D	12800	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Fluoranthene	EPA 8270D	44.6	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Pyrene	EPA 8270D	1280	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		18	1 U	1 U	1 U	1 U		1 U	2.5	1 U		9.5	1 U
Chrysene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U	1 UJ	1 U	1 U	1 U		1 U	1 UJ	1 U		1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U	1 UJ	1 U	1 U	1 U		1 U	1 UJ	1 U		1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1		1 U	1 UJ	1 U	1 U	1 UJ		1 U	1 UJ	1 U		1 U	1 U
1-Methylnaphthalene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.11	0.12
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-076 10-14 2-40-DP-76-10-W-0 Reextract 6/5/2008	2-40-DP-077 10-14 2-40-DP-77-10-W-0 6/2/2008	2-40-DP-078 10-14 2-40-DP-78-10-W-0 5/28/2008	2-40-DP-079 10-14 2-40-DP-79-10-W-0 6/24/2008	2-40-DP-080 10-14 2-40-DP-80-10-W-0 6/9/2008	2-40-DP-081 10-14 2-40-DP-81-10-W-0 6/6/2008	2-40-DP-081 10-14 2-40-DP-81-10-W-0 Reextract 6/6/2008	2-40-DP-082 10-14 2-40-DP-82-10-W-0 6/13/2008	2-40-DP-083 10-14 2-40-DP-83-10-W-0 6/3/2008	2-40-DP-084 10-14 2-40-DP-84-10-W-0 5/30/2008	2-40-DP-084 10-14 2-40-DP-84-10-W-0 Reextract 5/30/2008	2-40-DP-085 10-14 2-40-DP-85-10-W-0 7/2/2008	2-40-DP-086 10-14 2-40-DP-86-10-W-0 6/13/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
PCBs (µg/L)																
Aroclor 1254	EPA 8082	0.01	0.01					0.01 U				0.01 U				
Aroclor 1260	EPA 8082	0.01	0.01					0.01 U				0.01 U				
Total PCB	EPA 8082	0.01	0.01					0.01 U				0.01 U				
Inorganics (µg/L)																
Chromium(VI)	A3500D	50	11													
WAD Cyanide	SM4500CN-I	5	5		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	
Total Cyanide	EPA 335.2	5	5		5 U	5 U	5 U	5 U	5 U		5 U	27	5 U		27	
Metals, Dissolved (µg/L)																
Aluminum	EPA 6010B		50		50 U	50 U	50 U	50 U	70		90	240	50 U		120	110
Arsenic	EPA 200.8	8	0.5		3.7	1.9	0.5	0.8	6.3		4.4	22.6	1.7		18.7	8.5
Barium	EPA 6010B		3		11	9	3	49	5		4	18	3		9	8
Beryllium	EPA 6010B	135	1		1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U		1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Calcium	EPA 6010B		50		40600	10800	6230	62800	7350		4680	12100	20800		16900	5360
Chromium	EPA 200.8		0.5		1 U	1 U	1 U	3	3.4		4	36	1 U		2	3
Cobalt	EPA 6010B		3		3 U	3 U	3 U	3 U	3 U		3 U	6 U	3 U		3 U	3 U
Copper	EPA 200.8	8	0.5		0.6	0.5 U	0.5 U	3.5	0.5 U		1.2	2.3	1.8		0.6	0.5 U
Iron	EPA 6010B		50		2220	12200	18000	16000	19700		9300	17000	130		30900	11800
Lead	EPA 200.8	8.1	1		2 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U
Magnesium	EPA 6010B		50		12600	12700	4860	61100	15600		8270	21600	29600		16500	15400
Manganese	EPA 6010B	2000	1		97	380	350	1840	394		232	282	12		563	345
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U
Molybdenum	EPA 6010B		5		5 U	7	5 U	5 U	5 U		5 U	10 U	6		5 U	5 U
Nickel	EPA 200.8	8.2	0.5		3.4	1.4	1.6	2.3	0.7		1.4	7.4	1.6		5.7	2.7
Silver	EPA 200.8	1.9	0.2		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3		6	4	4	19	20		27	159	13		11	18
Zinc	EPA 6010B	81	10		10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U		10 U	10 U
Petroleum Hydrocarbons (µg/L)																
TPH - Gasoline Range	NWTPH-Gx	800	250									250 U	250 U		250 U	
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250									250 U	250 U		250 U	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500									500 U	500 U		500 U	

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-087 10-14 2-40-DP-87-10-W-0 6/13/2008	2-40-DP-088 10-14 2-40-DP-88-10-W-0 6/13/2008	2-40-DP-089 10-14 2-40-DP-89-10-W-0 6/13/2008	2-40-DP-090 10-14 2-40-DP-90-10-W-0 6/6/2008	2-40-DP-090 10-14 2-40-DP-90-10-W-0 Reextract 6/6/2008	2-40-DP-091 10-14 2-40-DP-91-10-W-0 Dilution 6/4/2008	2-40-DP-091 10-14 2-40-DP-91-10-W-0 6/4/2008	2-40-DP-091 28-32 2-40-DP-91-28-W-0 6/4/2008	2-40-DP-091 35-39 2-40-DP-91-35-W-0 6/4/2008	2-40-DP-092 10-14 2-40-DP-92-10-W-0 6/3/2008	2-40-DP-093 10-14 2-40-DP-93-10-W-0 7/8/2008	2-40-DP-094 10-14 2-40-DP-94-10-W-0 6/30/2008	2-40-DP-095 10-14 2-40-DP-95-10-W-0 6/9/2008	2-40-DP-096 10-14 2-40-DP-96-10-W-0 6/23/2008
VOCs (µg/L)																	
Chloromethane	EPA 8260B	26.3	0.2	0.3	0.2 U	0.2 U	0.2 U			0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	0.3	0.5	0.3			0.2	0.3	0.2 U	0.2 U	0.4	0.4	0.2	0.2 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3	3 U	3 U	3.8	3 U			3 U	4.5 U	3 U	3 U	3 U	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2	0.2 U	0.3	0.2	0.2 U			0.2 U	0.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	0.3	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.9	1.3	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U	2.5 U	2.5 U	2.5 U			2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	4.1	0.7	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ			0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U			0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U			0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																	
Hexachloroethane	EPA 8270D		1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Phenanthrene	EPA 8270D		1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1	2.2	1.6	1.1	1 U		110 U	92 U			1 U	1 U	1 U	3.4 J	1 U
Chrysene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		2 U	1 U			1 UJ	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		2 U	1 U			1 UJ	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1	1 U	1 U	1 U	1 U		2 U	1 U			1 UJ	1 U	1 U	1 UJ	1 U
1-Methylnaphthalene	EPA 8270D		1	1 U	1 U	1 U	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-087 10-14 2-40-DP-87-10-W-0 6/13/2008	2-40-DP-088 10-14 2-40-DP-88-10-W-0 6/13/2008	2-40-DP-089 10-14 2-40-DP-89-10-W-0 6/13/2008	2-40-DP-090 10-14 2-40-DP-90-10-W-0 6/6/2008	2-40-DP-090 10-14 2-40-DP-90-10-W-0 Reextract 6/6/2008	2-40-DP-091 10-14 2-40-DP-91-10-W-0 Dilution 6/4/2008	2-40-DP-091 10-14 2-40-DP-91-10-W-0 6/4/2008	2-40-DP-091 28-32 2-40-DP-91-28-W-0 6/4/2008	2-40-DP-091 35-39 2-40-DP-91-35-W-0 6/4/2008	2-40-DP-092 10-14 2-40-DP-92-10-W-0 6/3/2008	2-40-DP-093 10-14 2-40-DP-93-10-W-0 7/8/2008	2-40-DP-094 10-14 2-40-DP-94-10-W-0 6/30/2008	2-40-DP-095 10-14 2-40-DP-95-10-W-0 6/9/2008	2-40-DP-096 10-14 2-40-DP-96-10-W-0 6/23/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
PCBs (µg/L)																	
Aroclor 1254	EPA 8082	0.01	0.01							0.01 U			0.01 U	0.015 Y	0.01 U		
Aroclor 1260	EPA 8082	0.01	0.01							0.01 U			0.01 U	0.025	0.01 U		
Total PCB	EPA 8082	0.01	0.01							0.01 U			0.01 U	0.025	0.01 U		
Inorganics (µg/L)																	
Chromium(VI)	A3500D	50	11											11 UJ	11 J		
WAD Cyanide	SM4500CN-I	5	5		5 U	5 U				5 U			5 U	5 U	5 U	5 U	5 U
Total Cyanide	EPA 335.2	5	5		5 U	5 U				5 U			5 U	14	13	14	5 U
Metals, Dissolved (µg/L)																	
Aluminum	EPA 6010B		50	450	270	110	190			190			160	190	170	330	50 U
Arsenic	EPA 200.8	8	0.5	17	9.8	8.3	12.2			8.6			13.6	61.5	17.4	24.2	1.5
Barium	EPA 6010B		3	13	12	6	6			8			12	10	12	14	5
Beryllium	EPA 6010B	135	1	1 U	1 U	1 U	1 U			1 U			2 U	1 U	1 U	2 U	1 U
Cadmium	EPA 200.8	8.8	0.2	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U			0.2 U	0.4	0.3	0.2 U	0.2 U
Calcium	EPA 6010B		50	4820	4320	5060	4730			8290			6590	26600	17500	5720	8880
Chromium	EPA 200.8		0.5	12	10	5	5.1			8			11	25	17	24	2 U
Cobalt	EPA 6010B		3	3 U	3 U	3 U	3 U			3 U			6 U	5	3 U	6 U	3 U
Copper	EPA 200.8	8	0.5	8.3	1.3	0.5 U	0.5 U			1			2.9	0.6	4.5 U	4.6	0.5 U
Iron	EPA 6010B		50	14600	18700	9750	12300			17900			20200	65600	15400	14200	34300
Lead	EPA 200.8	8.1	1	1 U	1 U	1 U	1 U			1 U			1 U	1 U	1 U	1 U	1 U
Magnesium	EPA 6010B		50	7940	10600	10300	10600			11200			10600	9190	11600	8040	6870
Manganese	EPA 6010B	2000	1	357	352	356	297			375			460	1020	662	223	693
Mercury	EPA 7470A	0.025	0.02	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U			0.02 U	0.02 U	0.02	0.02 U	0.02 U
Molybdenum	EPA 6010B		5	5 U	5 U	5 U	5 U			5 U			10 U	15	15	10 U	5 U
Nickel	EPA 200.8	8.2	0.5	4.6	3.7	1.1	1.6			2			1.9	38.2	39.1	3	1
Silver	EPA 200.8	1.9	0.2	0.2 U	0.3	0.2 U	0.2 U			0.2 U			0.2 U	0.3	0.2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3	68	66	33	27			50			67	39	43	126	6
Zinc	EPA 6010B	81	10	10 U	10 U	10 U	10 U			10 U			20 U	10 U	10 U	20 U	10 U
Petroleum Hydrocarbons (µg/L)																	
TPH - Gasoline Range	NWTPH-Gx	800	250														
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250														
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500														

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-097 10-14 2-40-DP-97-10-W-0 7/7/2008	2-40-DP-098 10-14 2-40-DP-98-10-W-0 6/12/2008	2-40-DP-099 10-14 2-40-DP-99-10-W-0 6/12/2008	2-40-DP-100 10-14 2-40-DP-100-10-W-0 6/6/2008	2-40-DP-100 10-14 2-40-DP-100-10-W-0 Reextract 6/6/2008	2-40-DP-101 10-14 2-40-DP-101-10-W-0 6/4/2008	2-40-DP-102 10-14 2-40-DP-102-10-W-0 5/30/2008	2-40-DP-102 10-14 2-40-DP-102-10-W-0 Reextract 5/30/2008	2-40-DP-103 10-14 2-40-DP-103-10-W-0 7/3/2008	2-40-DP-104 10-14 2-40-DP-104-10-W-0 7/7/2008	2-40-DP-105 10-14 2-40-DP-105-10-W-0 6/11/2008
VOCs (µg/L)														
Chloromethane	EPA 8260B	26.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
Vinyl Chloride	EPA 8260B	0.731	0.2	0.2 U	0.2	0.2	0.4		0.2 U	0.2 U		0.6	0.5	1 U
Chloroethane	EPA 8260B	4050	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
Methylene Chloride	EPA 8260B	190	0.5	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U		0.5 U	0.5 U	2 U
Acetone	EPA 8260B	6430000	3	3 U	3 U	3 U	3 U		3 U	3 U		3 U	3 U	5 U
Carbon Disulfide	EPA 8260B	34300	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 UJ
1,1-Dichloroethene	EPA 8260B	0.382	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
1,1-Dichloroethane	EPA 8260B	88500	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.3	0.2 U		0.2 U	0.3	1 U
Chloroform	EPA 8260B	56.1	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
2-Butanone	EPA 8260B	14900000	2.5	2.5 U	2.5 U	2.5 U	2.5 U		2.5 UR	2.5 U		2.5 U	2.5 U	5 U
Trichloroethene	EPA 8260B	0.302	0.2	0.2 U	0.2 U	0.2 U	0.2 U		2.3	0.2 U		0.2 U	0.2 U	1 U
Benzene	EPA 8260B	4.48	0.2	0.2 U	0.2 U	0.2 U	0.3		0.2 U	0.2 U		0.2 U	0.2 U	9.3
Bromoform	EPA 8260B	43.3	0.2	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 UJ		0.2 U	0.2 U	1 U
Toluene	EPA 8260B	15000	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
Ethylbenzene	EPA 8260B	2100	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
m,p-Xylene	EPA 8260B		0.4	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U		0.4 U	0.4 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
Isopropylbenzene	EPA 8260B	48000	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
n-Propylbenzene	EPA 8260B	40000	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
tert-Butylbenzene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
4-Isopropyltoluene	EPA 8260B		0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U		0.5 U	0.5 U	5 U
Naphthalene	EPA 8260B	2440	0.5	0.5 U	0.5 U	0.5 U	0.5 U		0.5 UJ	0.5 U		0.5 U	0.5 U	5 U
SVOCs (µg/L)														
Hexachloroethane	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Phenanthrene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1	1 U	8.5 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Chrysene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1	1 U	1 U	1 U	1 UJ		1 U	1 U		1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D		1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.18	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U

Table 3-1b:
2-40s Area Detected Constituents in Groundwater Probe Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	2-40-DP-097 10-14 2-40-DP-97-10-W-0 7/7/2008	2-40-DP-098 10-14 2-40-DP-98-10-W-0 6/12/2008	2-40-DP-099 10-14 2-40-DP-99-10-W-0 6/12/2008	2-40-DP-100 10-14 2-40-DP-100-10-W-0 6/6/2008	2-40-DP-100 10-14 2-40-DP-100-10-W-0 Reextract 6/6/2008	2-40-DP-101 10-14 2-40-DP-101-10-W-0 6/4/2008	2-40-DP-102 10-14 2-40-DP-102-10-W-0 5/30/2008	2-40-DP-102 10-14 2-40-DP-102-10-W-0 Reextract 5/30/2008	2-40-DP-103 10-14 2-40-DP-103-10-W-0 7/3/2008	2-40-DP-104 10-14 2-40-DP-104-10-W-0 7/7/2008	2-40-DP-105 10-14 2-40-DP-105-10-W-0 6/11/2008
Acenaphthylene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
PCBs (µg/L)														
Aroclor 1254	EPA 8082	0.01	0.01		0.01 U	0.01 U								0.01 U
Aroclor 1260	EPA 8082	0.01	0.01		0.01 U	0.01 U								0.01 U
Total PCB	EPA 8082	0.01	0.01		0.01 U	0.01 U								0.01 U
Inorganics (µg/L)														
Chromium(VI)	A3500D	50	11											
WAD Cyanide	SM4500CN-I	5	5	5 U			5 U		5 U	5 U		5 U	5 U	5 U
Total Cyanide	EPA 335.2	5	5	7 J			5 U		5 U	5 U		5 U	5 U	5 U
Metals, Dissolved (µg/L)														
Aluminum	EPA 6010B		50	50 U	140	90	180		50 U	50 U		50 U	50 U	160
Arsenic	EPA 200.8	8	0.5	0.4	3.9	1.8	25.7		1	4.3		15.3	7.2	18.8
Barium	EPA 6010B		3	3	8	6	14		13	4		10	3 U	13
Beryllium	EPA 6010B	135	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50	14700	7730	9870	5470		43200	16200		24900	14600	7970
Chromium	EPA 200.8		0.5	1 U	5	4	21		11	2		1 U	1 U	16
Cobalt	EPA 6010B		3	3 U	3 U	3 U	3 U		3 U	3 U		3 U	3 U	3 U
Copper	EPA 200.8	8	0.5	0.5 U	0.6	0.5 U	0.6		2.9	0.5 U		0.5 U	0.9	1.9
Iron	EPA 6010B		50	9940	8610	8260	15800		50	11200		41400	10300	12400
Lead	EPA 200.8	8.1	1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U
Magnesium	EPA 6010B		50	9010	10200	7550	8850		11200	17200		14400	5380	11300
Manganese	EPA 6010B	2000	1	129	466	487	337		12	344		651	310	358
Mercury	EPA 7470A	0.025	0.02	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5	5 U	5 U	5 U	7		12	6		5 U	5 U	5 U
Nickel	EPA 200.8	8.2	0.5	2.4	0.8	0.9	3.6		2.7	2.4		1.5	1.2	1.6
Silver	EPA 200.8	1.9	0.2	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3	4	27	25	109		21	9		8	6	84
Zinc	EPA 6010B	81	10	10 U	10 U	10 U	10 U		10 U	10 U		10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)														
TPH - Gasoline Range	NWTPH-Gx	800	250											
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250											
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500											

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	PL2-321A 8 - 18 2-40-PL2-321A-W-08-0 7/21/2008	PL2-401A 8 - 18 2-40-PL2-401A-W-08-0 7/24/2008	PL2-410A 8 - 18 2-40-PL2-410A-W-08-0 7/21/2008	PL2-410A 8 - 18 2-40-PL2-410A-W-08-1 7/21/2008	PL2-420A 8 - 18 2-40-PL2-420A-W-08-0 7/23/2008	PL2-420A 8 - 18 2-40-PL2-420A-W-08-1 7/23/2008	PL2-420B 35 - 45 2-40-PL2-420B-W-35-0 10/23/2008	PL2-420B 35 - 45 2-40-PL2-420B-W-35-1 10/23/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-0 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-0 Reextract 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-1 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-1 Reextract 8/7/2008	PL2-425A 8 - 18 2-40-PL2-425A-W-08-0 7/23/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-0 8/6/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-0 Reextract 8/6/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-1 8/6/2008
VOCs (µg/L)																				
Chloromethane	EPA 8260B	26.3	0.2		0.3	0.2 UJ	0.6	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2		0.2 U	0.3 J	0.4	0.4	0.3	0.3	0.8	0.8	0.2 U		0.2 U		0.3	0.2 U		0.2 U
Chloroethane	EPA 8260B	4050	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4		0.4		0.2 U	0.2 U		0.2 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U
Acetone	EPA 8260B	6430000	3		3.2	3 UR	3 U	3 U	3 U	3 U	3.7	6.2	3 U		3 U		3 U	3 U		3 U
Carbon Disulfide	EPA 8260B	34300	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.2	0.2 UJ	0.2	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1.5		1.5		0.2 U	0.2 U		0.2 U
Chloroform	EPA 8260B	56.1	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U		2.5 U		2.5 U	2.5 U		2.5 U
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
Benzene	EPA 8260B	4.48	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
Bromoform	EPA 8260B	43.3	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
Toluene	EPA 8260B	15000	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2		0.2
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U		0.4 U		0.4 UJ	0.4 U		0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U
SVOCs (µg/L)																				
Hexachloroethane	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 UJ		1 UJ		1 U	1 U		1 U
2,4-Dimethylphenol	EPA 8270D	273	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Naphthalene	EPA 8270D	2440	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
2-Methylnaphthalene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Acenaphthylene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Acenaphthene	EPA 8270D	318	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Dibenzofuran	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Fluorene	EPA 8270D	1710	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Hexachlorobenzene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Phenanthrene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Anthracene	EPA 8270D	12800	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Fluoranthene	EPA 8270D	44.6	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Pyrene	EPA 8270D	1280	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U	1.2 J	1 U	1 U	2 U	15 U	1 U		1 U		1 U		1 U	1 U		1 U
Chrysene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U	1 UJ	1 U	1 U	1 UJ	1 UJ	1 U		1 UJ		1 UJ		1 UJ	1 U		1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U	1 UJ	1 U	1 U	1 U	1 U	1 U		1 UJ		1 UJ		1 U	1 U		1 U
Benzo(g,h,i)perylene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 UJ		1 UJ		1 U	1 UJ		1 UJ
1-Methylnaphthalene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U
Phenanthrene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.12 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.15 R	0.1 UJ	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.13 R	0.1 UJ	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.14 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.19 R	0.1 UJ	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.15 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.21 R	0.1 UJ	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.13 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.2 R	0.1 UJ	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.15 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.19 R	0.1 UJ	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.15 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.19 R	0.1 UJ	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.16 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.22 R	0.1 UJ	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UR	0.16 R	0.1 UJ	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.13 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.17 R	0.1 UJ	0.1 U

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	PL2-321A 8 - 18 2-40-PL2-321A-W-08-0 7/21/2008	PL2-401A 8 - 18 2-40-PL2-401A-W-08-0 7/24/2008	PL2-410A 8 - 18 2-40-PL2-410A-W-08-0 7/21/2008	PL2-410A 8 - 18 2-40-PL2-410A-W-08-1 7/21/2008	PL2-420A 8 - 18 2-40-PL2-420A-W-08-0 7/23/2008	PL2-420A 8 - 18 2-40-PL2-420A-W-08-1 7/23/2008	PL2-420B 35 - 45 2-40-PL2-420B-W-35-0 10/23/2008	PL2-420B 35 - 45 2-40-PL2-420B-W-35-1 10/23/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-0 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-0 Reextract 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-1 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-1 Reextract 8/7/2008	PL2-425A 8 - 18 2-40-PL2-425A-W-08-0 7/23/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-0 8/6/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-0 Reextract 8/6/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-1 8/6/2008
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.12 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.15 R	0.1 UJ	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.14 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UR	0.17 R	0.1 UJ	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U
PCBs (µg/L)																				
Aroclor 1254	EPA 8082	0.01	0.01																	
Aroclor 1260	EPA 8082	0.01	0.01																	
Total PCB	EPA 8082	0.01	0.01																	
Inorganics (µg/L)																				
Chromium(VI)	A3500D	50	11																	
WAD Cyanide	SM4500CN-I	5	5			5 U	5 U										5 U	5 U		
Total Cyanide	EPA 335.2	5	5			7	5 U										5 U	5 U		
Metals, Total (µg/L)																				
Aluminum	EPA 6010B		50		810	50 U	70	50	50 U	50 U	80	80	250 U		250 U		50 U	140		
Arsenic	EPA 200.8	8	0.5		1.3	6	12.6	12.6	0.5 U	0.5 U	0.5 U	0.5 U	5		10		18.2	2		
Barium	EPA 6010B		6		12	6	5	4	7	8	45	46	400		410		8	84		
Beryllium	EPA 6010B	135	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		1 U	1 U		
Cadmium	EPA 200.8	8.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U		2 U		0.2 U	0.5 U		
Calcium	EPA 6010B		50		32400	13200	5360	5310	12800	13100	116000	114000	386000		386000		24300	69300		
Chromium	EPA 200.8		1		1	3	1.5	1.6	1.6	1.6	2 U	2 U	5 U		5 U		2	1 U		
Cobalt	EPA 6010B		3		3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	20 U		20 U		3 U	3 U		
Copper	EPA 200.8	8	0.5		7.8	0.7	0.6	0.6	0.5 U	0.5 U	1	1	11		12		0.5 U	2		
Iron	EPA 6010B		50		730	21500	13200	13600	11500	11800	42700	42500	39700		40600		40500	17500		
Lead	EPA 200.8	8.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		10 U		1 U	2 U		
Magnesium	EPA 6010B		50		8840	12300	10100	10500	19200	19700	140000	143000	1050000		1080000		12800	130000		
Manganese	EPA 6010B	2000	1		74	624	280	293	264	270	2270	2260	2650		2730		542	651		
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U		0.02 U	0.02 U		
Molybdenum	EPA 6010B		5		6	5 U	5 U	5 U	5 U	5 U	17	15	50		50		5	11		
Nickel	EPA 200.8	8.2	0.5		1.8	0.5	1.2	1.2	0.5	0.6	2.8	2.7	12		12		0.8	2		
Silver	EPA 200.8	1.9	0.2		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U		2 U		0.2 UJ	0.5 U		
Vanadium	EPA 6010B	2810	3		7	18	11	11	11	12	3 U	3 U	20 U		20 U		6	3 U		
Zinc	EPA 6010B	81	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50		60		10 U	30		
Metals, Dissolved (µg/L)																				
Aluminum	EPA 6010B		50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U		250 U		50 U	50 U		
Arsenic	EPA 200.8	8	0.5		1.1	6	12.7	12.3	0.5 U	0.5 U	0.5 U	0.5 U	4		5 U		19	3		
Barium	EPA 6010B		3		9	6	4	4	8	8	47	46	400		400		7	83		
Beryllium	EPA 6010B	135	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U		5 U		1 U	1 U		
Cadmium	EPA 200.8	8.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U		2 U		0.2 U	0.5 U		
Calcium	EPA 6010B		50		32700	13300	5290	4900	13800	13800	116000	112000	382000		397000		23800	68500		
Chromium	EPA 200.8		1		0.8	2.1 J	2	2	1.6	1.7	2 U	2 U	5 U		5 U		0.8	1 U		
Cobalt	EPA 6010B		3		3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	20 U		20 U		3 U	3 U		
Copper	EPA 200.8	8	0.5		8.3	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.8	0.9	9		9		0.5 U	1 U		
Iron	EPA 6010B		50		50 U	21800	13500	13400	12400	12400	44600	42700	39600		39400		40000	17100		
Lead	EPA 200.8	8.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U		10 U		1 U	2 U		
Magnesium	EPA 6010B		50		8930	12700	10100	9990	20500	20400	145000	141000	1060000		1050000		12400	129000		
Manganese	EPA 6010B	2000	1		42	635	283	280	281	280	2380	2280	2700		2620		541	644		
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U		0.02 U	0.02 U		
Molybdenum	EPA 6010B		5		6	5 U	5 U	5 U	5 U	5 U	17	16	50		50		5	8		
Nickel	EPA 200.8	8.2	0.5		1.6	0.7	1.2	1.1	0.5 U	0.6	2.7	2.7	12		13		0.8	2		
Silver	EPA 200.8	1.9	0.2		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U		2 U		0.2 UJ	0.5 U		
Vanadium	EPA 6010B	2810	3		5	17	10	10	12	12	3 U	3 U	20 U		20 U		6	3 U		
Zinc	EPA 6010B	81	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U		50 U		10 U	20		
Petroleum Hydrocarbons (µg/L)																				
TPH - Gasoline Range	NWTPH-Gx	800	250																	
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250																	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500																	
Conventional Analytes (mg/L)																				
Total Dissolved Solids	EPA 160.1		100						662000		2840		27100000				322000	4510000		
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0_NO3		0.1		5.5	0.1 UJ	0.1 U		0.1 U		1 U		100 U				0.1 U	20 U		
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1		0.01		0.01 U	0.66	1.34		1.25		4.27		0.252				0.612	19.2		
Sulfate	EPA 300.0_SO4		0.1		21900	100 U	100 U		100		60.7		1540000				100 U	100 U		
Sulfide	EPA 376.2		0.05		50 U	50 U	50 U		50 U		0.05 U		50 U				50 U	50 U		
Total Organic Carbon	EPA 415.1		1.5		8500	13300	9630		13300		9.03		7880				8890	13100		
Density (g/mL)	GRAV								0.977		0.992		1				0.987	0.987		

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	PL2-321A 8 - 18 2-40-PL2-321A-W-08-0 7/21/2008	PL2-425C 77 - 82 2-40-PL2-425C-W-80-0 8/6/2008	PL2-425C 77 - 82 2-40-PL2-425C-W-80-0 Reextract 8/6/2008	PL2-430A 8 - 18 2-40-PL2-430A-W-08-0 7/22/2008	PL2-430A 8 - 18 2-40-PL2-430A-W-08-1 7/22/2008	PL2-435A 8 - 18 2-40-PL2-435A-W-08-0 7/21/2008	PL2-435A 8 - 18 2-40-PL2-435A-W-08-1 7/21/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 Dilution 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 Reextract 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-1 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-1 Dilution 8/7/2008	PL2-435C 79 - 84 2-40-PL2-435C-W-80-0 8/12/2008	PL2-440A 8 - 18 2-40-PL2-440A-W-08-0 7/24/2008	PL2-440A 8 - 18 2-40-PL2-440A-W-08-1 7/24/2008
VOCs (µg/L)																			
Chloromethane	EPA 8260B	26.3	0.2		0.3	0.2 U		0.2 U	0.3	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2		0.2 U	0.2 U		1	0.9	0.2 U	0.2 U	380 ES	3700		390 ES	3800	1.1	0.2 U	0.2 U
Chloroethane	EPA 8260B	4050	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	60 U		0.5 U	60 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3		3.2	3.6 J		3 U	3 U	3 U	3 U	3 U	150 U		3 U	150 U	4.1	3.4 J	3 UR
Carbon Disulfide	EPA 8260B	34300	0.2		0.2 U	0.6		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	2.2	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.4	30 U		0.4	30 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	4	30 U		4.1	30 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.2	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	49 E	49		50 E	47	0.5	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	1.8	0.3	0.3
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.3	30 U		0.3	30 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 U	20 J		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	150 UR		2.5 U	150 UR	2.9	2.5 UR	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2	0.2
Benzene	EPA 8260B	4.48	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.8	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2		0.2 U	1.2 J		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	1.4	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	0.4 U		0.4 UJ	0.4 UJ	0.4 U	0.4 UJ	0.4 U	30 UJ		0.4 U	30 UJ	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	150 U		0.5 U	150 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	150 U		0.5 U	150 U	0.5 U	1.5	1.4
SVOCs (µg/L)																			
Hexachloroethane	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U		1 UJ					1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1	1.1
2-Methylnaphthalene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Phenanthrene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U	3.5		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Chrysene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U		1 UJ					1 U	1 UJ	1 UJ
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U		1 UJ					1 U	1 UJ	1 UJ
Benzo(g,h,i)perylene	EPA 8270D		1		1 U	1 UJ		1 U	1 U	1 U		1 UJ					1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U		1 U					1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U	0.13 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.91	0.91
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.17	0.19
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U	0.11 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1		0.1 U	0.15 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U	0.13 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U	0.15 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1		0.1 U	0.16 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.14 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U	0.13 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.12 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.16 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	PL2-321A 8 - 18 2-40-PL2-321A-W-08-0 7/21/2008	PL2-425C 77 - 82 2-40-PL2-425C-W-80-0 8/6/2008	PL2-425C 77 - 82 2-40-PL2-425C-W-80-0 Reextract 8/6/2008	PL2-430A 8 - 18 2-40-PL2-430A-W-08-0 7/22/2008	PL2-430A 8 - 18 2-40-PL2-430A-W-08-1 7/22/2008	PL2-435A 8 - 18 2-40-PL2-435A-W-08-0 7/21/2008	PL2-435A 8 - 18 2-40-PL2-435A-W-08-1 7/21/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 Dilution 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 Reextract 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-1 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-1 Dilution 8/7/2008	PL2-435C 79 - 84 2-40-PL2-435C-W-80-0 8/12/2008	PL2-440A 8 - 18 2-40-PL2-440A-W-08-0 7/24/2008	PL2-440A 8 - 18 2-40-PL2-440A-W-08-1 7/24/2008
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.12 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U	0.11 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U	0.1 R	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U
PCBs (µg/L)																			
Aroclor 1254	EPA 8082	0.01	0.01					0.01 U	0.01 U										
Aroclor 1260	EPA 8082	0.01	0.01					0.01 U	0.01 U										
Total PCB	EPA 8082	0.01	0.01					0.01 U	0.01 U										
Inorganics (µg/L)																			
Chromium(VI)	A3500D	50	11					11 UJ	15 J										
WAD Cyanide	SM4500CN-I	5	5					5 U	5 U	16	14	5 U			5 U		5 U	248	234
Total Cyanide	EPA 335.2	5	5					10	9	113	114	5 U			5 U		5 UJ	264	291
Metals, Total (µg/L)																			
Aluminum	EPA 6010B		50		810	250 U		60	50 U	3740	60	430			320		100 U	250000	248000
Arsenic	EPA 200.8	8	0.5		1.3	5 U		36.1	35.6	3	2.6	0.5 U			0.5 U		6	2	2
Barium	EPA 6010B		6		12	240		10	12	23	10	18			18		98	6 U	7
Beryllium	EPA 6010B	135	1		1 U	5 U		1 U	1 U	1 U	1 U	1 U			1 U		2 U	9	10
Cadmium	EPA 200.8	8.8	0.2		0.2 U	2 U		0.2	0.3	0.2 U	0.2 U	0.2 U			0.2 U		1 U	3	3
Calcium	EPA 6010B		50		32400	297000		34800	34100	16400	13700	29200			29700		190000	172000	173000
Chromium	EPA 200.8		1		1	5 U		5.4	6	5	4	1 U			1 U		2 U	18	19
Cobalt	EPA 6010B		3		3 U	20 U		3 U	3 U	3 U	3 U	3 U			3 U		6 U	94	94
Copper	EPA 200.8	8	0.5		7.8	5 U		0.5 U	0.5 U	1.7	0.5 U	13			12		2 U	41	41
Iron	EPA 6010B		50		730	2610		40900	41600	20100	17700	20000			20300		8930	16200	16100
Lead	EPA 200.8	8.1	1		1 U	10 U		1 U	1 U	1 U	1 U	1 U			1 U		5 U	5 U	5 U
Magnesium	EPA 6010B		50		8840	883000		6350	6440	9870	9140	23800			24200		485000	43900	43600
Manganese	EPA 6010B	2000	1		74	268		1320	1360	544	522	1050			1070		669	4090	4040
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U		0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		6	50		5	5	5 U	5 U	6			5		20	10	10
Nickel	EPA 200.8	8.2	0.5		1.8	10		1.3	1.3	1.7	0.6	1.1			1.1		7	208	205
Silver	EPA 200.8	1.9	0.2		0.2 UJ	2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U		1 U	1 U	1 U
Vanadium	EPA 6010B	2810	3		7	20 U		19	19	28	19	3 U			3 U		6 U	87	86
Zinc	EPA 6010B	81	10		10 U	50 U		50	10 U	10 U	10 U	50			50		820	2490	2490
Metals, Dissolved (µg/L)																			
Aluminum	EPA 6010B		50		50 U	250 U		60	50 U	50 U	50 U	50 U			50 U		100 U	250000	254000
Arsenic	EPA 200.8	8	0.5		1.1	5 U		36.4	36.6	2.9	2.9	0.5 U			0.5 U		5	2	1
Barium	EPA 6010B		3		9	230		10	13	11	10	18			18		105	7	7
Beryllium	EPA 6010B	135	1		1 U	5 U		1 U	1 U	1 U	1 U	1 U			1 U		2 U	10	10
Cadmium	EPA 200.8	8.8	0.2		0.2 U	2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U		1 U	4	3
Calcium	EPA 6010B		50		32700	297000		34100	34500	13200	13200	29800			29500		184000	174000	176000
Chromium	EPA 200.8		1		0.8	5 U		5.4	5.5	4	4	1 U			1 U		2 U	20	18
Cobalt	EPA 6010B		3		3 U	20 U		3 U	3 U	3 U	3 U	3 U			3 U		6 U	94	95
Copper	EPA 200.8	8	0.5		8.3	5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			0.5 U		2 U	43	39
Iron	EPA 6010B		50		50 U	2340		41600	42300	17700	17800	20100			20000		10100	16100	16400
Lead	EPA 200.8	8.1	1		1 U	10 U		1 U	1 U	1 U	1 U	1 U			1 U		5 U	5 U	5 U
Magnesium	EPA 6010B		50		8930	862000		6460	6620	9320	9170	24600			24400		498000	43700	44400
Manganese	EPA 6010B	2000	1		42	255		1330	1390	530	537	1120			1120		650	3980	4040
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U		0.0293	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		6	60		5	5 U	5 U	5 U	5 U			6		20	10	10
Nickel	EPA 200.8	8.2	0.5		1.6	10		0.9	0.8	0.6	0.6	0.9			1		7	213	196
Silver	EPA 200.8	1.9	0.2		0.2 UJ	2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U		1 U	1 U	1 U
Vanadium	EPA 6010B	2810	3		5	20 U		19	19	18	19	3 U			3 U		6 U	86	87
Zinc	EPA 6010B	81	10		10 U	50 U		10 U	10 U	10 U	10 U	30			30		650	2480	2510
Petroleum Hydrocarbons (µg/L)																			
TPH - Gasoline Range	NWTPH-Gx	800	250															250 U	250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250															250 U	250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500															500 U	500 U
Conventional Analytes (mg/L)																			
Total Dissolved Solids	EPA 160.1		100			21900000				776000		438000					12000000	3480000	3500000
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0_NO3		0.1		5.5	50 U				0.1 U		0.1 U					5 UJ	3.2 J	3.1 J
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1		0.01		0.01 U	63				3.01		1.52					31.4	30.2	35
Sulfate	EPA 300.0_SO4		0.1		21900	130000				100 U		1600					5000 U	2200000	2450000
Sulfide	EPA 376.2		0.05		50 U	50 U				50 U		50 U					50 U	50 U	50 U
Total Organic Carbon	EPA 415.1		1.5		8500	27600				32800		8270					24600	14100	14100
Density (g/mL)	GRAV					0.997				0.982		0.982					0.987	0.992	0.987

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	PL2-321A 8 - 18 2-40-PL2-321A-W-08-0 7/21/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 Dilution 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 Reextract 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 Dilution 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 Reextract 8/12/2008	PL2-440C 80 - 85 2-40-PL2-440C-W-80-0 8/12/2008	PL2-441A 8 - 18 2-40-PL2-441A-W-08-0 7/21/2008	PL2-441A 8 - 18 2-40-PL2-441A-W-08-1 7/21/2008	PL2-441BR 35 - 45 2-40-PL2-441B-W-35-0 10/23/2008	PL2-441BR 35 - 45 2-40-PL2-441B-W-35-1 10/23/2008	PL2-441C 77 - 92 2-40-PL2-441C-W-80-0 8/11/2008	PL2-442A 8 - 18 2-40-PL2-442A-W-08-0 7/23/2008	PL2-442A 8 - 18 2-40-PL2-442A-W-08-1 7/23/2008
VOCs (µg/L)																			
Chloromethane	EPA 8260B	26.3	0.2		0.3	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2		0.2 U	860 E	280 ES	690	290 ES	940 E	640	0.2 U	0.2 U	0.2 U	0.3	0.3	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	4050	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	25 U	0.5 U	200 U	0.5 U	25 U	200 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3		3.2	150 U	3 U	500 U	3.2	150 U	500 U	3 U	3 U	3 U	3.7	3 U	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	10 UJ	0.2 U	100 U	0.2 U	10 UJ	100 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		0.2 U	10 U	2.9	100 U	3	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.2	10 U	3.9	100 U	3.9	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8	0.8
Chloroform	EPA 8260B	56.1	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 U	120 U	2.5 U	500 U	2.5 U	120 U	500 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	20 U	0.4 U	100 U	0.4 U	20 U	100 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 UJ
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	10 U	0.2 U	100 U	0.2 U	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	25 U	0.5 U	500 U	0.5 U	25 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	25 U	0.5 U	500 U	0.5 U	25 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																			
Hexachloroethane	EPA 8270D		1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Phenanthrene	EPA 8270D		1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U		1 U		1.7			1 U	1 U		1 U		4.4	1 U	1 U
Chrysene	EPA 8270D	0.1	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U		1 UJ		1 UJ			1 UJ	1 U		1 U		1 U	1 UJ	1 UJ
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U		1 UJ		1 UJ			1 UJ	1 U		1 U		1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1		1 U		1 UJ		1 UJ			1 UJ	1 U		1 U		1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D		1		1 U		1 U		1 U			1 U	1 U		1 U		1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U		0.1 U		0.1 U			0.33	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U		0.1 U		0.1 U			0.2	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	PL2-321A 8 - 18 2-40-PL2-321A-W-08-0 7/21/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 Dilution 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 Reextract 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 Dilution 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 Reextract 8/12/2008	PL2-440C 80 - 85 2-40-PL2-440C-W-80-0 8/12/2008	PL2-441A 8 - 18 2-40-PL2-441A-W-08-0 7/21/2008	PL2-441A 8 - 18 2-40-PL2-441A-W-08-1 7/21/2008	PL2-441BR 35 - 45 2-40-PL2-441B-W-35-0 10/23/2008	PL2-441BR 35 - 45 2-40-PL2-441B-W-35-1 10/23/2008	PL2-441C 77 - 82 2-40-PL2-441C-W-80-0 8/11/2008	PL2-442A 8 - 18 2-40-PL2-442A-W-08-0 7/23/2008	PL2-442A 8 - 18 2-40-PL2-442A-W-08-1 7/23/2008
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U		0.1 U		0.1 U			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U
PCBs (µg/L)																			
Aroclor 1254	EPA 8082	0.01	0.01				0.01 U		0.01 U			0.01 U						0.01 U	0.01 U
Aroclor 1260	EPA 8082	0.01	0.01				0.01 U		0.01 U			0.01 U						0.01 U	0.01 U
Total PCB	EPA 8082	0.01	0.01				0.01 U		0.01 U			0.01 U						0.01 U	0.01 U
Inorganics (µg/L)																			
Chromium(VI)	A3500D	50	11																
WAD Cyanide	SM4500CN-I	5	5				5 U		5 U			5 UJ	5 U		5 U	5 U	5 U	5 U	5 U
Total Cyanide	EPA 335.2	5	5				15		14			6	5 U		5 U	5 U	5 UJ	14	15
Metals, Total (µg/L)																			
Aluminum	EPA 6010B		50		810		70		70			100 U	50 U		100	100	250 U	50 U	50 U
Arsenic	EPA 200.8	8	0.5		1.3		0.5 U		0.4			5	3.6		1.4	1.6	6	5.8	5.4
Barium	EPA 6010B		6		12		10		10			161	16		8	9	250	14	20
Beryllium	EPA 6010B	135	1		1 U		1 U		1 U			2 U	1 U		1 U	1 U	5 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.2 U		0.2 U		0.2 U			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50		32400		35000		37300			203000	19600		25300	26500	176000	29500	29900
Chromium	EPA 200.8		1		1		2 U		1 U			2 U	1 U		5 U	5 U	5 U	1.2	1.1
Cobalt	EPA 6010B		3		3 U		3 U		3 U			6 U	3 U		3 U	3 U	20 U	3 U	3 U
Copper	EPA 200.8	8	0.5		7.8		1.5		1.8			2 U	0.5 U		0.5 U	0.5 U	5 U	0.5 U	0.5 U
Iron	EPA 6010B		50		730		27100		27300			17900	27600		28100	29500	12400	27800	28600
Lead	EPA 200.8	8.1	1		1 U		1 U		1 U			5 U	1 U		1 U	1 U	10 U	1 U	1 U
Magnesium	EPA 6010B		50		8840		26000		26400			582000	11200		18500	19400	692000	25700	26100
Manganese	EPA 6010B	2000	1		74		1220		1200			412	439		1020	1070	693	844	866
Mercury	EPA 7470A	0.025	0.02		0.02 U		0.02 U		0.02 U			0.0285	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		6		5 U		5			20	5 U		9	7	40	7	7
Nickel	EPA 200.8	8.2	0.5		1.8		0.8		0.8			6	0.5 U		0.7	0.7	6	1.1	1.1
Silver	EPA 200.8	1.9	0.2		0.2 UJ		0.2 U		0.2 U			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3		7		3 U		3 U			6 U	7		3 U	3 U	20 U	7	7
Zinc	EPA 6010B	81	10		10 U		20		20			20 U	10 U		10 U	10 U	50 U	10 U	10 U
Metals, Dissolved (µg/L)																			
Aluminum	EPA 6010B		50		50 U		50 U		50 U			100 U	50 U		50 U	50 U	250 U	50 U	50 U
Arsenic	EPA 200.8	8	0.5		1.1		0.5 U		0.5 U			5	3.9		1	1.6	8	5.4	5.5
Barium	EPA 6010B		3		9		10		10			159	15		8	7	270	18	14
Beryllium	EPA 6010B	135	1		1 U		1 U		1 U			2 U	1 U		1 U	1 U	5 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.2 U		0.2 U		0.2 U			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50		32700		35900		34400			212000	18700		25800	25500	172000	30800	31200
Chromium	EPA 200.8		1		0.8		2 U		1 U			2 U	1		2 U	2 U	5 U	1.2	1.1
Cobalt	EPA 6010B		3		3 U		3 U		3 U			6 U	3 U		3 U	3 U	20 U	3 U	3 U
Copper	EPA 200.8	8	0.5		8.3		0.5 U		0.5 U			2 U	0.5 U		0.5 U	0.5 U	5 U	0.5 U	0.5 U
Iron	EPA 6010B		50		50 U		27100		26600			17600	27400		28700	28600	11300	28300	28100
Lead	EPA 200.8	8.1	1		1 U		1 U		1 U			5 U	1 U		1 U	1 U	10 U	1 U	1 U
Magnesium	EPA 6010B		50		8930		26500		26100			602000	11000		19300	19100	675000	26700	26700
Manganese	EPA 6010B	2000	1		42		1220		1200			405	451		1060	1050	700	849	845
Mercury	EPA 7470A	0.025	0.02		0.02 U		0.02 U		0.02 U			0.0297	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		6		6		6			20	5 U		8	9	50	5	6
Nickel	EPA 200.8	8.2	0.5		1.6		0.7		0.7			6	0.5 U		0.7	0.7	6	1	1
Silver	EPA 200.8	1.9	0.2		0.2 UJ		0.2 U		0.2 U			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3		5		3 U		3 U			6 U	7		3 U	3 U	20 U	8	7
Zinc	EPA 6010B	81	10		10 U		20		10			20 U	10 U		10 U	10 U	130	10 U	10 U
Petroleum Hydrocarbons (µg/L)																			
TPH - Gasoline Range	NWTPH-Gx	800	250				250 U		250 U			250 U						250 U	250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250				250 U		250 U			250 U						250 U	500 J
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500				500 U		500 U			500 U						510	3400
Conventional Analytes (mg/L)																			
Total Dissolved Solids	EPA 160.1		100				638000		560000			14900000	156000		436		18900000	466000	458000
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0 NO3		0.1		5.5		0.1 U		0.1 U			5 UJ	0.1 U		0.1 U		2 U	0.1 U	0.1 U
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1		0.01		0.01 U		1.95		2.16			42	2.08		1.57		19.2	1.48	1.41
Sulfate	EPA 300.0 SO4		0.1		21900		1100		1100			5000 U	100		0.1 U		2000 U	100 U	100 U
Sulfide	EPA 376.2		0.05		50 U		50 U		50 U			50 UJ	50 U		0.05 U		50 U	50 U	58
Total Organic Carbon	EPA 415.1		1.5		8500		6930 J		6930			38800 J	7790		8.09		14100	14700	14500
Density (g/mL)	GRAV						0.992		0.987			0.997	0.982		0.988		0.992	0.982	0.987

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location:	PL2-321A	PL2-442B	PL2-442B	PL2-442C	PL2-443A	PL2-443A	PL2-443B	PL2-443B	PL2-443C	PL2-443C	PL2-444A	PL2-444A	PL2-445A	PL2-445A	PL2-446A	PL2-446A	PL2-447A
				Depth (ft bgs):	8 - 18	35 - 45	35 - 45	70.5 - 80.5	8 - 23	8 - 23	35 - 45	35 - 45	70 - 75	70 - 75	10 - 25	10 - 25	10 - 25	10 - 25	8 - 18	8 - 18	8 - 18
				Sample ID:	2-40-PL2-321A-W-08-0	2-40-PL2-442B-W-35-0	2-40-PL2-442B-W-35-1	2-40-PL2-442C-W-80-0	2-40-PL2-443A-W-08-0	2-40-PL2-443A-W-08-1	2-40-PL2-443B-W-35-0	2-40-PL2-443B-W-35-X	2-40-PL2-443C-W-80-0	2-40-PL2-443C-W-80-0 Reextract	2-40-PL2-444A-W-10-0	2-40-PL2-444A-W-10-1	2-40-PL2-445A-W-10-0	2-40-PL2-445A-W-10-1	2-40-PL2-446A-W-08-0	2-40-PL2-446A-W-08-1	2-40-PL2-447A-W-08-0
				Sample Date:	7/21/2008	10/23/2008	10/23/2008	8/6/2008	7/22/2008	7/22/2008	10/23/2008	10/27/2008	8/7/2008	8/7/2008	7/23/2008	7/23/2008	7/24/2008	7/24/2008	7/22/2008	7/22/2008	7/22/2008
VOCs (µg/L)																					
Chloromethane	EPA 8260B	26.3	0.2		0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U		0.2 U		1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3
Vinyl Chloride	EPA 8260B	0.731	0.2		0.2 U	0.2	0.2	0.2 U	0.2 U	0.2 U	0.2		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.8	1.1
Chloroethane	EPA 8260B	4050	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3		3.2	4.2	4.4	3 U	3 U	3 U	3 U		3 U		3 U	3 U	3 UR	3 UR	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	34300	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.2	0.3	0.3	1.9 J	0.3	0.4	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	1.8	1.8	0.4
Chloroform	EPA 8260B	56.1	0.2		0.2 U	0.2 U	0.2 U	0.8	0.2 U	0.2 U	0.2 U		0.4		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR		2.5 U		2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2
Benzene	EPA 8260B	4.48	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2		0.2 U	0.4	0.4	0.3	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U		0.4 U		0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 UJ
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)																					
Hexachloroethane	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U	1 U		1 UJ		1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U	1 U		1 U	1 U	1 U	1 U		1 UJ		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	8.8 U	23 J	1.7 J	1 U	1 U	1 U
Chrysene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U	1 U		1 UJ		1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U	1 U		1 U	1 U	1 U	1 U		1 UJ		1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D		1		1 U	1 U		1 UJ	1 U	1 U	1 U		1 UJ		1 U	1 U	1 U	1 U	1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D		1		1 U	1 U		1 U	1 U	1 U	1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location:	PL2-321A	PL2-442B	PL2-442B	PL2-442C	PL2-443A	PL2-443A	PL2-443B	PL2-443B	PL2-443C	PL2-443C	PL2-444A	PL2-444A	PL2-445A	PL2-445A	PL2-446A	PL2-446A	PL2-447A
				Depth (ft bgs):	8 - 18	35 - 45	35 - 45	70.5 - 80.5	8 - 23	8 - 23	35 - 45	35 - 45	70 - 75	70 - 75	10 - 25	10 - 25	10 - 25	10 - 25	8 - 18	8 - 18	8 - 18
				Sample ID:	2-40-PL2-321A-W-08-0	2-40-PL2-442B-W-35-0	2-40-PL2-442B-W-35-1	2-40-PL2-442C-W-80-0	2-40-PL2-443A-W-08-0	2-40-PL2-443A-W-08-1	2-40-PL2-443B-W-35-0	2-40-PL2-443B-W-35-X	2-40-PL2-443C-W-80-0	2-40-PL2-443C-W-80-0 Reextract	2-40-PL2-444A-W-10-0	2-40-PL2-444A-W-10-1	2-40-PL2-445A-W-10-0	2-40-PL2-445A-W-10-1	2-40-PL2-446A-W-08-0	2-40-PL2-446A-W-08-1	2-40-PL2-447A-W-08-0
				Sample Date:	7/21/2008	10/23/2008	10/23/2008	8/6/2008	7/22/2008	7/22/2008	10/23/2008	10/27/2008	8/7/2008	8/7/2008	7/23/2008	7/23/2008	7/24/2008	7/24/2008	7/22/2008	7/22/2008	7/22/2008
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
PCBs (µg/L)																					
Aroclor 1254	EPA 8082	0.01	0.01																0.01 U	0.01 U	0.01 U
Aroclor 1260	EPA 8082	0.01	0.01																0.01 U	0.01 U	0.01 U
Total PCB	EPA 8082	0.01	0.01																0.01 U	0.01 U	0.01 U
Inorganics (µg/L)																					
Chromium(VI)	A3500D	50	11								12 UJ		11 UJ						11 UJ	11 UJ	11 UJ
WAD Cyanide	SM4500CN-I	5	5			5 UJ	8 J	5 U	5 U	5 U		5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Total Cyanide	EPA 335.2	5	5			6 J	6 J	5 U	5 U	5 U		5 U	12		8	11	6	5 U	5 U	5 U	5 U
Metals, Total (µg/L)																					
Aluminum	EPA 6010B		50		810	70	60	250 U	50 U	50 U	50 U		250 U		50 U	50 U	100	130	50 U	50 U	50
Arsenic	EPA 200.8	8	0.5		1.3	0.5 U	0.5 U	5 U	0.9	1.1	2 U		8		1	1.1	5	5.1	1.2	1.2	2.4
Barium	EPA 6010B		6		12	42	43	330	46	48	182		390		8	8	34	35	18	17	14
Beryllium	EPA 6010B	135	1		1 U	1 U	1 U	5 U	1 U	1 U	1 U		5 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50		32400	99900	102000	375000	44900	44600	237000		410000		17700	17600	25700	26000	35600	36300	19300
Chromium	EPA 200.8		1		1	5 U	5 U	5 U	1	1	2 U		5 U		1.8	1.9	3	3	7.4	7.5	56.1
Cobalt	EPA 6010B		3		3 U	3 U	3 U	20 U	3 U	3 U	3 U		20 U		3 U	3 U	3 U	3 U	3 U	3 U	3 U
Copper	EPA 200.8	8	0.5		7.8	0.5	0.6	8	1.2	1.2	4		14		0.5 U	5.3	0.5 U	0.9	0.6	0.6	0.5 U
Iron	EPA 6010B		50		730	57700	58700	45000	11800	11500	45800		41000		18700	18800	28400	29000	4470	4610	21400
Lead	EPA 200.8	8.1	1		1 U	1 U	1 U	10 U	1 U	1 U	5 U		10 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Magnesium	EPA 6010B		50		8840	125000	128000	969000	49600	49800	463000		895000		17100	17000	22400	22800	12500	12700	10600
Manganese	EPA 6010B	2000	1		74	2990	3050	2080	503	500	2930		2900		519	517	1220	1240	363	377	566
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		6	15	16	50	6	7	14		60		5 U	5 U	6	5 U	14	14	13
Nickel	EPA 200.8	8.2	0.5		1.8	2.4	2.4	10	1.7	1.6	6		13		0.7	0.8	0.8	0.8	1.5	1.6	1.1
Silver	EPA 200.8	1.9	0.2		0.2 UJ	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3		7	3 U	3 U	20 U	5	5	3 U		20 U		11	11	11	11	4	4	11
Zinc	EPA 6010B	81	10		10 U	10 U	10 U	50	10 U	10 U	10 U		50 U		10 U	10	10 U	10 U	10 U	10 U	10 U
Metals, Dissolved (µg/L)																					
Aluminum	EPA 6010B		50		50 U	50 U	50 U	250 U	50 U	50 U	100 U		250 U		50 U	50 U	50 U	50 U	50	50 U	50 U
Arsenic	EPA 200.8	8	0.5		1.1	0.5 U	0.5 U	5	1.2	1.4	2 U		5		1	1.1	5.5	5.4	1.2	1.2	2.4
Barium	EPA 6010B		3		9	45	46	320	37	37	204		450		8	8	36	34	17	17	13
Beryllium	EPA 6010B	135	1		1 U	1 U	1 U	5 U	1 U	1 U	2 U		5 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50		32700	101000	101000	381000	40400	40700	259000		425000		17500	17400	26700	26300	36300	35900	19300
Chromium	EPA 200.8		1		0.8	5 U	2 U	5 U	1	0.8 J	2 U		5 U		1.9	1.9	3	3	7	7.7	59.4
Cobalt	EPA 6010B		3		3 U	3 U	3 U	20 U	3 U	3 U	6 U		20 U		3 U	3 U	3 U	3 U	3 U	3 U	3 U
Copper	EPA 200.8	8	0.5		8.3	0.5 U	0.5 U	6	1	1	5		7		0.5 U	0.5 U	0.5 U	0.5 U	6.7	0.6	0.5 U
Iron	EPA 6010B		50		50 U	58900	59100	44300	9930	9590	50800		44100		18600	18400	29600	28200	3990	4370	21100
Lead	EPA 200.8	8.1	1		1 U	1 U	1 U	10 U	1 U	1 U	5 U		10 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Magnesium	EPA 6010B		50		8930	127000	126000	956000	46800	45700	515000		981000		17100	17000	23900	22700	12600	12700	10900
Manganese	EPA 6010B	2000	1		42	3080	3090	2030	454	440	3200		3280		524	523	1280	1210	317	355	566
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		6	17	16	60	6	6	30		60		5 U	5 U	5	5	13	14	11
Nickel	EPA 200.8	8.2	0.5		1.6	2.2	2.2	10	1.4	1.5	7		13		0.7	0.7	0.9	0.8	1.6	1.1	1.1
Silver	EPA 200.8	1.9	0.2		0.2 UJ	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8
Vanadium	EPA 6010B	2810	3		5	3 U	3 U	20 U	5	5	6 U		20 U		11	10	10	11	4	4	10
Zinc	EPA 6010B	81	10		10 U	10 U	10 U	50 U	10 U	10 U	20 U		50 U		10 U	10 U	10 U	10 U	10	10 U	10 U
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	800	250			250 U	250 U	250 U							250 U	250 U	250 U	250 U			
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250			250 U	250 U	250 U							250 U	250 U	250 U	250 U			
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500			500 U	500 U	500 U							500 U	500 U	500 U	500 U			
Conventional Analytes (mg/L)																					
Total Dissolved Solids	EPA 160.1		100			2000		25500000	1510000		6030		25800000								
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0 NO3		0.1		5.5	0.1 U		50 U	0.1 U		1 U		100 U								0.1 U
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1		0.01		0.01 U	5.88		23.1	0.555		6.62		23.4								1.2
Sulfate	EPA 300.0 SO4		0.1		21900	0.1 U		1300000	91800		343		1430000								3200
Sulfide	EPA 376.2		0.05		50 U	0.05 U		50 U	50 U		0.05 U		50 U								50 U
Total Organic Carbon	EPA 415.1		1.5		8500	10.2		9940	3540		10.1		6650								13300
Density (g/mL)	GRAV					0.987		0.997	0.977		0.992		0.997								

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location:	PL2-321A	PL2-447A	PL2-608A	PL2-608A	PL2-608B	PL2-608C	PL2-BF03A	PL2-BF03A
				Depth (ft bgs):	8 - 18	8 - 18	6 - 21	6 - 21	40.5 - 45.5	79 - 84	8 - 18	8 - 18
				Sample ID:	2-40-PL2-321A-W-08-0	2-40-PL2-447A-W-08-1	2-40-PL2-608A-W-06-0	2-40-PL2-608A-W-06-1	2-40-PL2-608B-W-40-0	2-40-PL2-608C-W-80-0	2-40-PL2-BF03A-W-08-0	2-40-PL2-BF03A-W-08-1
				Sample Date:	7/21/2008	7/22/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008	7/24/2008	7/24/2008
VOCs (µg/L)												
Chloromethane	EPA 8260B	26.3	0.2		0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Chloride	EPA 8260B	0.731	0.2		0.2 U	1	0.2 U	0.2 U	2.4 J	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	4050	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	190	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	6430000	3		3.2	3 U	3 U	3 U	3 U	4.3	3 UR	3 UR
Carbon Disulfide	EPA 8260B	34300	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.382	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	88500	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	10000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	1550	0.2		0.2	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	56.1	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	11.7	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	14900000	2.5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR
Trichloroethene	EPA 8260B	0.302	0.2		0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	4.48	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromoform	EPA 8260B	43.3	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	15000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	2100	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B		0.4		0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1730	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1710	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	48000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	40000	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B		0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B		0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	112	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	2440	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs (µg/L)												
Hexachloroethane	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dimethylphenol	EPA 8270D	273	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8270D	112	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	2440	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthene	EPA 8270D	318	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1710	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Phenanthrene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	12800	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	EPA 8270D	44.6	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1280	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	3	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Dibenz(a,h)anthracene	EPA 8270D	0.1	1		1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Benzo(g,h,i)perylene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	2440	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	318	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	1710	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	12800	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	44.6	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	1280	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table 3-1c
2-40s Area Detected Constituents in Groundwater Well Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 GW Screening Level	Laboratory RL	Location:	PL2-321A	PL2-447A	PL2-608A	PL2-608A	PL2-608B	PL2-608C	PL2-BF03A	PL2-BF03A
				Depth (ft bgs):	8 - 18	8 - 18	6 - 21	6 - 21	40.5 - 45.5	79 - 84	8 - 18	8 - 18
				Sample ID:	2-40-PL2-321A-W-08-0	2-40-PL2-447A-W-08-1	2-40-PL2-608A-W-06-0	2-40-PL2-608A-W-06-1	2-40-PL2-608B-W-40-0	2-40-PL2-608C-W-80-0	2-40-PL2-BF03A-W-08-0	2-40-PL2-BF03A-W-08-1
				Sample Date:	7/21/2008	7/22/2008	8/11/2008	8/11/2008	8/11/2008	8/11/2008	7/24/2008	7/24/2008
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM		0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
PCBs (µg/L)												
Aroclor 1254	EPA 8082	0.01	0.01			0.01 U					0.01 U	0.01 U
Aroclor 1260	EPA 8082	0.01	0.01			0.01 U					0.01 U	0.01 U
Total PCB	EPA 8082	0.01	0.01			0.01 U					0.01 U	0.01 U
Inorganics (µg/L)												
Chromium(VI)	A3500D	50	11			11 UJ						
WAD Cyanide	SM4500CN-I	5	5			5 U					5 U	5 U
Total Cyanide	EPA 335.2	5	5			5 U					5 U	5 U
Metals, Total (µg/L)												
Aluminum	EPA 6010B		50		810	50 U	70	50 U	120	250 U	50 U	50 U
Arsenic	EPA 200.8	8	0.5		1.3	2.4	14	13.8	0.4	5 U	2.8	3
Barium	EPA 6010B		6		12	14	19	10	7	210	8	8
Beryllium	EPA 6010B	135	1		1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50		32400	20300	50600	26300	26200	232000	24100	24300
Chromium	EPA 200.8		1		1	68	1 U	1 U	1 U	5 U	0.9	0.9
Cobalt	EPA 6010B		3		3 U	3 U	3 U	3 U	3 U	20 U	19	19
Copper	EPA 200.8	8	0.5		7.8	0.5 U	1	0.7	9.6	5 U	2.5	2.6
Iron	EPA 6010B		50		730	22000	57700	29900	15300	18300	4980	4310
Lead	EPA 200.8	8.1	1		1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Magnesium	EPA 6010B		50		8840	11100	14000	7280	16100	712000	10300	10400
Manganese	EPA 6010B	2000	1		74	587	2830	1470	968	357	1250	1320
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		6	12	7	5 U	9	40	7	6
Nickel	EPA 200.8	8.2	0.5		1.8	1.1	1	1	0.7	6	8.3	9
Silver	EPA 200.8	1.9	0.2		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3		7	11	12	6	3 U	20 U	18	17
Zinc	EPA 6010B	81	10		10 U	10 U	10 U	10 U	40	50 U	10 U	10 U
Metals, Dissolved (µg/L)												
Aluminum	EPA 6010B		50		50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U
Arsenic	EPA 200.8	8	0.5		1.1	2.3	13.1	13	0.3	6	2.9	2.8
Barium	EPA 6010B		3		9	13	19	19	7	220	7	7
Beryllium	EPA 6010B	135	1		1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Cadmium	EPA 200.8	8.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U
Calcium	EPA 6010B		50		32700	19200	50600	49900	26500	229000	25000	25000
Chromium	EPA 200.8		1		0.8	59.8	1 U	1 U	1 U	5 U	1 U	1 U
Cobalt	EPA 6010B		3		3 U	3 U	3 U	3 U	3 U	20 U	20	19
Copper	EPA 200.8	8	0.5		8.3	0.5 U	0.5 U	0.5 U	0.5 U	5 U	2.3	2.1
Iron	EPA 6010B		50		50 U	20600	56100	56400	15200	18600	5340	5770
Lead	EPA 200.8	8.1	1		1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Magnesium	EPA 6010B		50		8930	10700	13700	13800	16300	724000	10900	11000
Manganese	EPA 6010B	2000	1		42	565	2750	2780	969	356	1300	1260
Mercury	EPA 7470A	0.025	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B		5		6	11	7	7	9	40	6	5
Nickel	EPA 200.8	8.2	0.5		1.6	1	1	1	0.6	6	8.5	7.6
Silver	EPA 200.8	1.9	0.2		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U
Vanadium	EPA 6010B	2810	3		5	10	12	12	3 U	20 U	16	15
Zinc	EPA 6010B	81	10		10 U	10 U	10 U	10 U	30	50 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)												
TPH - Gasoline Range	NWTPH-Gx	800	250									
TPH - Diesel Range	NWTPH-Dx-Cleaned	500	250									
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500									
Conventional Analytes (mg/L)												
Total Dissolved Solids	EPA 160.1		100				332000		282000	17700000		
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0_NO3		0.1		5.5		0.1 U		0.1 U	2 U		
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1		0.01		0.01 U		9.95		0.732	47		
Sulfate	EPA 300.0_SO4		0.1		21900		20100		700	2000 U		
Sulfide	EPA 376.2		0.05		50 U		50 U		50 U	50 U		
Total Organic Carbon	EPA 415.1		1.5		8500		13000		5280	40200 J		
Density (g/mL)	GRAV						0.982		0.987	0.992		

Table 3-2a:
Explanation of Data Qualifiers 2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Qualifiers Used by the Contract Laboratory – Analytical Resources, Inc.	
U	The compound was analyzed for, but not detected at the reported concentration.
J	Indicates an estimated concentration when a value is less than the calculated reporting limit.
D	Indicates the surrogate/spike(s) was not detected, due to dilution of extract.
NR	Indicates the surrogate recovery cannot be reported due to matrix interference.
E	Indicates a value above the linear range of the detector, sample dilution is required.
S	Indicates no value reported due to saturation of the detector, sample dilution required.
NA	Indicates compound was not analyzed for.
M	Indicates an estimated value of analyte found and confirmed by the analyst but with a low spectral match (GC-MS).
B	Indicates possible/probable blank contamination. Flagged when the analyte is detected in the blank as well as in the sample.
Y	Indicates raised reporting limit due to background interference or to activity in the instrument. Compound is still not detected at or above the raised level.
C	Indicates a probably detection that cannot be confirmed due to matrix interferences.
P	Indicates a high RPD between detected concentrations for dual column GC analyses without obvious interference.
Data Validation Qualifiers for Organic Analyses	
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Table 3-2a:
Explanation of Data Qualifiers 2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Validation Qualifiers for Inorganic Analyses	
U	The compound was analyzed for, but was not detected above the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location: / Depth (ft bgs): / Sample ID: / Sample Date:	2-40-DP-001 10-14 2-40-DP-01-10-W-0 6/25/2008	2-40-DP-001 41-45 2-40-DP-01-41-W-0 6/25/2008	2-40-DP-001 41-45 2-40-DP-01-41-W-0 Dilution 6/25/2008	2-40-DP-001 61-65 2-40-DP-01-61-W-0 6/26/2008	2-40-DP-002 10-14 2-40-DP-02-10-W-0 6/26/2008	2-40-DP-002 41-45 2-40-DP-02-41-W-0 6/26/2008	2-40-DP-002 61-65 2-40-DP-02-61-W-0 6/26/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 6/25/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 Dilution 6/25/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 Reanalysis 6/25/2008	2-40-DP-003 35-39 2-40-DP-03-35-W-0 6/26/2008	2-40-DP-003 41-45 2-40-DP-03-41-W-0 Dilution 6/26/2008	2-40-DP-003 41-45 2-40-DP-03-41-W-0 6/26/2008	2-40-DP-003 61-65 2-40-DP-03-61-W-0 6/27/2008	2-40-DP-004 12-16 2-40-DP-04-12-W-0 6/17/2008	2-40-DP-004 12-16 2-40-DP-04-12-W-0 Reextract 6/17/2008
VOCs (µg/L)																			
Chloromethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Bromomethane	EPA 8260B	0.5		0.5 U	0.5 U	3 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		1 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	
Vinyl Chloride	EPA 8260B	0.2		0.2 U	160 E	200	0.2 U	0.2 U	1.1	0.2 U	0.2 U		1 U	3	190	120 ES	0.2 U	0.2 U	
Chloroethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Methylene Chloride	EPA 8260B	0.5		0.5 U	0.5 U	6 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		2 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	
Acetone	EPA 8260B	3		3 U	3 U	15 U	3 U	3 U	3 U	3 U	3 U		5 U	3 U	90 U	3.1	3 U	3	
Carbon Disulfide	EPA 8260B	0.2		0.3	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U		1 U	0.2	6 U	0.6	0.3	0.2 U	
1,1-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,1-Dichloroethane	EPA 8260B	0.2		0.2 U	0.4	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.3	0.2 U	0.2 U	
trans-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	5.5	4.8	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.8	0.2 U	0.2 U	
cis-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	32 E	27	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.7	0.2 U	0.2 U	
Chloroform	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,2-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
2-Butanone	EPA 8260B	2.5		2.5 UR	2.5 UR	15 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR		5 U	2.5 U	75 U	2.5 U	2.5 U	2.5 U	
1,1,1-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Carbon Tetrachloride	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Vinyl Acetate	EPA 8260B	1		1 U	1 U	15 U	1 U	1 U	1 U	1 U	1 U		5 U	1 U	30 U	1 U	1 U	1 U	
Bromodichloromethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
cis-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Trichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Dibromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,1,2-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Benzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	5.9		5.4	0.2 U	6 U	0.2 U	0.2 U	0.7	
trans-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
2-Chloroethylvinylether	EPA 8260B	1		1 UR	1 UR	15 U	1 U	1 U	1 U	1 U	1 UR		5 U	1 U	30 U	1 U	1 U	1 U	
Bromoform	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U		1 U	0.2 UJ	6 U	0.2 UJ	0.2 UJ	0.2 UJ	
Methyl isobutyl ketone	EPA 8260B	2.5		2.5 UR	2.5 UR	15 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR		5 U	2.5 U	75 U	2.5 U	2.5 U	2.5 U	
2-Hexanone	EPA 8260B	2.5		2.5 U	2.5 U	15 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		5 U	2.5 U	75 U	2.5 U	2.5 U	2.5 U	
Tetrachloroethene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U		1 U	0.2 UJ	6 U	0.2 UJ	0.2 UJ	0.2 UJ	
Toluene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Chlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Ethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	41 E		36	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Styrene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Trichlorofluoromethane	EPA 8260B	0.2		0.2 U	0.2 U	3 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 UJ	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2		0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
m,p-Xylene	EPA 8260B	0.4		0.4 U	0.4 U	3 U	0.4 U	0.4 U	0.4 U	0.4 U	170 E		160	0.8	12 U	0.5	0.4 U	0.4 U	
o-Xylene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,2-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U		1 U	0.2 UJ	6 U	0.2 UJ	0.2 UJ	0.2 UJ	
1,3-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,4-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Acrolein	EPA 8260B	5		5 UR	5 UR	30 U	5 UR	5 UR	5 UR	5 UR	5 UR		10 U	5 UR	150 U	5 UR	5 UR	5 UR	
Methyl Iodide	EPA 8260B	1		1 U	1 U	3 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	30 U	1 U	1 U	1 U	
Bromoethane	EPA 8260B	0.2		0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Acrylonitrile	EPA 8260B	1		1 U	1 U	15 U	1 U	1 U	1 U	1 U	1 U		5 U	1 U	30 UJ	1 U	1 U	1 U	
1,1-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Dibromomethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5		0.5 U	0.5 U	15 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U		5 U	0.5 UJ	15 UJ	0.5 UJ	0.5 UJ	0.5 UJ	
1,2,3-Trichloropropane	EPA 8260B	0.5		0.5 U	0.5 U	6 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U		2 U	0.5 UJ	15 U	0.5 UJ	0.5 UJ	0.5 UJ	
trans-1,4-Dichloro-2-butene	EPA 8260B	1		1 U	1 U	15 U	1 U	1 U	1 U	1 U	1 U		5 U	1 U	30 U	1 U	1 U	1 U	
1,3,5-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,2,4-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	1.2		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Hexachlorobutadiene	EPA 8260B	0.5		0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		5 U	0.5 U	15 UJ	0.5 U	0.5 U	0.5 U	
Ethylene Dibromide	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Bromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
2,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,3-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Isopropylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	3.9		3.2	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
n-Propylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	1		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
Bromobenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
2-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
4-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
tert-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
sec-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
4-Isopropyltoluene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
n-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U	
1,2,4-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	
Naphthalene	EPA 8260B	0.5		0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	
1,2,3-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U	
SVOCs and PCBs (µg/L)																			
Phenol	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 UJ	1 UJ
bis(2-Chloroethyl)ether	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
2-Chlorophenol	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 UJ	1 UJ
1,3-Dichlorobenzene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
1,4-Dichlorobenzene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 UJ	1 UJ
Benzyl Alcohol	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 UJ						5 UJ	5 UJ
1,2-Dichlorobenzene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
2-Methylphenol	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 UJ	1 UJ
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 UJ	1 UJ
4-Methylphenol	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 UJ	1 UJ
N-Nitroso-Di-N-Propylamine	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
Hexachloroethane	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Nitrobenzene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Isophorone	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
2-Nitrophenol	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 UJ	5 UJ
2,4-Dimethylphenol	EPA 8270D	1		1 U	1 U		1 U	1 U			2.1 J	3 U						1 UJ	1 UJ
Benzoic Acid	EPA 8270D	10		10 U	10 U		10 U	10 U			10 U	30 U						10 U	10 UJ
bis(2-Chloroethoxy)methane	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
2,4-Dichlorophenol	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 UJ	5 UJ
1,2,4-Trichlorobenzene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Naphthalene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
4-Chloroaniline	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
Hexachlorobutadiene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
4-Chloro-3-methylphenol	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 UJ	5 UJ
2-Methylnaphthalene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Hexachlorocyclopentadiene	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
2,4,6-Trichlorophenol	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 UJ	5 UJ
2,4,5-Trichlorophenol	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 UJ	5 UJ
2-Chloronaphthalene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
2-Nitroaniline	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
Dimethylphthalate	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Acenaphthylene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
3-Nitroaniline	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
Acenaphthene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
2,4-Dinitrophenol	EPA 8270D	10		10 UJ	10 U		10 UJ	10 UJ			10 UJ	30 UJ						10 UJ	10 UJ

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location: / Depth (ft bgs): / Sample ID: / Sample Date:	2-40-DP-001 10-14 2-40-DP-01-10-W-0 6/25/2008	2-40-DP-001 41-45 2-40-DP-01-41-W-0 6/25/2008	2-40-DP-001 41-45 2-40-DP-01-41-W-0 Dilution 6/25/2008	2-40-DP-001 61-65 2-40-DP-01-61-W-0 6/26/2008	2-40-DP-002 10-14 2-40-DP-02-10-W-0 6/26/2008	2-40-DP-002 41-45 2-40-DP-02-41-W-0 6/26/2008	2-40-DP-002 61-65 2-40-DP-02-61-W-0 6/26/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 6/25/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 Dilution 6/25/2008	2-40-DP-003 10-14 2-40-DP-03-10-W-0 Reanalysis 6/25/2008	2-40-DP-003 35-39 2-40-DP-03-35-W-0 6/26/2008	2-40-DP-003 41-45 2-40-DP-03-41-W-0 Dilution 6/26/2008	2-40-DP-003 41-45 2-40-DP-03-41-W-0 6/26/2008	2-40-DP-003 61-65 2-40-DP-03-61-W-0 6/27/2008	2-40-DP-004 12-16 2-40-DP-04-12-W-0 6/17/2008	2-40-DP-004 12-16 2-40-DP-04-12-W-0 Reextract 6/17/2008
4-Nitrophenol	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 UJ	5 UJ
Dibenzofuran	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
2,6-Dinitrotoluene	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
2,4-Dinitrotoluene	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
Diethylphthalate	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
4-Chlorophenyl-phenylether	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Fluorene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
4-Nitroaniline	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
4,6-Dinitro-2-Methylphenol	EPA 8270D	10		10 U	10 U		10 U	10 U			10 U	30 U						10 UJ	10 UJ
N-Nitrosodiphenylamine	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
4-Bromophenyl-phenylether	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Hexachlorobenzene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Pentachlorophenol	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 UJ	5 UJ
Phenanthrene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Carbazole	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Anthracene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Di-n-Butylphthalate	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Fluoranthene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Pyrene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Butylbenzylphthalate	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
3,3'-Dichlorobenzidine	EPA 8270D	5		5 U	5 U		5 U	5 U			5 U	15 U						5 U	5 UJ
Benzo(a)anthracene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
bis(2-Ethylhexyl)phthalate	EPA 8270D	1		1 U	1 U		1 U	1.1 U			92 U	100 U						1 U	1 UJ
Chrysene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Di-n-octylphthalate	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Benzo(b)fluoranthene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Benzo(k)fluoranthene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Benzo(a)pyrene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Indeno(1,2,3-cd)pyrene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Dibenz(a,h)anthracene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Benzo(g,h,i)perylene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
1-Methylnaphthalene	EPA 8270D	1		1 U	1 U		1 U	1 U			1 U	3 U						1 U	1 UJ
Naphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.11			0.43							0.1 U	
2-Methylnaphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
1-Methylnaphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Acenaphthylene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Acenaphthene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Fluorene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Phenanthrene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Benzo(a)anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Chrysene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Benzo(b)fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Benzo(k)fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Benzo(a)pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Dibenzofuran	EPA 8270DSIM	0.1		0.1 U	0.1 U		0.1 U	0.1 U			0.1 U							0.1 U	
Aroclor 1016	EPA 8082	0.01																	
Aroclor 1242	EPA 8082	0.01																	
Aroclor 1248	EPA 8082	0.01																	
Aroclor 1254	EPA 8082	0.01																	
Aroclor 1260	EPA 8082	0.01																	
Aroclor 1221	EPA 8082	0.01																	
Aroclor 1232	EPA 8082	0.01																	
Aroclor 1262	EPA 8082	0.01																	
Aroclor 1268	EPA 8082	0.01																	
Total PCB	EPA 8082	0.01																	
Inorganics (µg/L)																			
Cyanide (Total)	EPA 335.2	5		5 U	5 U		5 U	5 U	5 U	5 U	5 U				5 U	5 U	20		
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5		5 U	5 U		5 U	5 U	5 U	5 U	5 U				5 U	5 U	5 U		
Metals (Dissolved) (µg/L)																			
Aluminum	EPA 6010B	50		50 U	210		50 U	50 U	450	160	50 U				50 U	50 U	90		
Antimony	EPA 6010B	50		50 U	50 U		50 U	50 U	50 U	50 U	50 U				50 U	50 U	50 U		
Arsenic	EPA 200.8	0.5		10.7	0.5 U		1	11.2	0.9	0.8	36.7				1.2	1.6	2.5		
Barium	EPA 6010B	3		15	13		36	43	8	5	43				8	33	9		
Beryllium	EPA 6010B	1		1 U	1 U		1 U	1 U	1 U	1 U	1 U				1 U	1 U	1 U		
Cadmium	EPA 200.8	0.2		0.2 U	0.2 U		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U		
Calcium	EPA 6010B	50		20300	49300		41900	37300	12500	6950	41800				25800	37400	13100		
Chromium	EPA 200.8	0.5		2	2 U		2	2	3	1.1	6				1 U	1.1	4		
Chromium(VI)	A3500D	11																	
Cobalt	EPA 6010B	3		3 U	3 U		3 U	3 U	3 U	3 U	5				3 U	3 U	3 U		
Copper	EPA 200.8	0.5		0.5 U	1		1 U	0.6	1.8	0.5 U	1 U				0.5 U	0.5 U	0.7		
Iron	EPA 6010B	50		30000	30000		8970	73600	9530	2630	51100				16900	14400	10100		
Lead	EPA 200.8	1		1 U	1 U		2 U	1 U	1 U	1 U	2 U				1 U	1 U	1 U		
Magnesium	EPA 6010B	50		20100	32200		103000	19000	11800	9930	28900				16900	77400	9730		
Manganese	EPA 6010B	1		318	1390		247	2790	404	138	2520				1220	491	390		
Mercury	EPA 7470A	0.02		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U				0.02 U	0.02 U	0.02 U		
Molybdenum	EPA 6010B	5		5 U	11		29	5 U	6	6	5				12	28	5 U		
Nickel	EPA 200.8	0.5		0.9	5.8		3	1.9	6	4.1	4				6	3.5	0.9		
Selenium	EPA 6010B	50		50 U	50 U		50 U	50 U	50 U	50 U	50 U				50 U	50 U	50 U		
Silver	EPA 200.8	0.2		0.2 U	0.2 U		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U				0.2 U	0.2 U	0.2 U		
Thallium	EPA 200.8	0.2		0.2 U	0.2 U		0.5 U	0.2 U	0.2 U	0.2 U	0.5 U				0.2 U	0.2 U	0.2 U		
Tin	EPA 6010B	10		10 U	10 U		10 U	10 U	10 U	10 U	10 U				10 U	10 U	10 U		
Vanadium	EPA 6010B	3		8	3 U		3 U	10	3 U	4	33				4	3 U	24		
Zinc	EPA 6010B	10		10 U	10 U		10 U	10 U	10 U	10 U	10 U				10 U	10 U	10 U		
Petroleum Hydrocarbons (µg/L)																			
TPH - Gasoline Range	NWTPH-Gx	250		250 U	250 U		250 U												
TPH - Diesel Range	NWTPH-Dx-Cleaned	250		250 U	250 U		250 U												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500		500 U	500 U		500 U												

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-004 35-39 2-40-DP-04-35-W-0 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-0 Dilution 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-1 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-1 Dilution 6/17/2008	2-40-DP-004 41-45 2-40-DP-04-41-W-0 6/17/2008	2-40-DP-004 41-45 2-40-DP-04-41-W-0 Dilution 6/17/2008	2-40-DP-004 61-65 2-40-DP-04-61-W-0 6/17/2008	2-40-DP-005 12-16 2-40-DP-05-12-W-0 6/18/2008	2-40-DP-005 35-39 2-40-DP-05-35-W-0 6/18/2008	2-40-DP-005 41-45 2-40-DP-05-41-W-0 6/18/2008	2-40-DP-005 61-65 2-40-DP-05-61-W-0 6/18/2008	2-40-DP-006 14-18 2-40-DP-06-18-W-0 6/16/2008	2-40-DP-007 10-14 2-40-DP-07-10-W-0 7/3/2008	2-40-DP-007 10-14 2-40-DP-07-10-W-1 7/3/2008	2-40-DP-008 12-16 2-40-DP-08-12-W-0 7/3/2008	2-40-DP-009 10-14 2-40-DP-09-10-W-0 7/8/2008	2-40-DP-009 10-14 2-40-DP-09-10-W-1 7/8/2008	2-40-DP-010 10-14 2-40-DP-10-10-W-0 6/23/2008
VOCs (µg/L)																					
Chloromethane	EPA 8260B	0.2	0.2 U	10 U	0.5	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	180 ES	640	180 ES	570	180 ES	700	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	3	3 U	150 U	7.7	150 U	3 U	150 U	3 U	3 UR	3 UR	3 UR	3 UR	3.5	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	0.2	0.5	10 U	0.3	10 U	0.3	10 U	0.2 U	0.2 U	0.3	0.4	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.4	10 U	0.4	10 U	0.4	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.5	10 U	0.5	10 U	1.4	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	4.1	10 U	4	10 U	40 E	40	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U
Chloroform	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 U	120 U	2.5 U	120 U	2.5 U	120 U	2.5 U	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	50 U	1 U	50 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6	0.7	0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 U	50 U	1 U	50 U	1 U	50 U	1 U	1 UR	1 UR	1 UR	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UR
Bromoform	EPA 8260B	0.2	0.2 UJ	10 UJ	0.2 UJ	10 UJ	0.2 UJ	10 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 U	120 U	2.5 U	120 U	2.5 U	120 U	2.5 U	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR
2-Hexanone	EPA 8260B	2.5	2.5 U	120 U	2.5 U	120 U	2.5 U	120 U	2.5 U	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 UJ	10 UJ	0.2 UJ	10 UJ	0.2 UJ	10 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	20 U	0.4 U	20 U	0.4 U	20 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 UJ	10 UJ	0.2 UJ	10 UJ	0.2 UJ	10 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5	5 UR	250 UR	5 UR	250 UR	5 UR	250 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 U	5 U	5 U	5 UR	5 UR	5 UR
Methyl Iodide	EPA 8260B	1	1 U	50 U	1 U	50 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 U	50 U	1 U	50 U	1 U	50 U	1 U	1 UR	1 UR	1 UR	1 UR	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UJ	25 UJ	0.5 UJ	25 UJ	0.5 UJ	25 UJ	0.5 UJ	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 UJ	25 UJ	0.5 UJ	25 UJ	0.5 UJ	25 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	50 U	1 U	50 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	10 U	0.2 U	10 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	25 U	0.5 U	25 U	0.5 U	25 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs and PCBs (µg/L)																					
Phenol	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
bis(2-Chloroethyl)ether	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
2-Chlorophenol	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
1,3-Dichlorobenzene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
1,4-Dichlorobenzene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
Benzyl Alcohol	EPA 8270D	5								5 UJ		5 UJ	5 UJ	5 UJ	5 U			5 U	5 U		5 U
1,2-Dichlorobenzene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
2-Methylphenol	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1								1 UJ		1 UJ	1 UJ	1 UJ	1 U			1 U	1 U		1 U
4-Methylphenol	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
Hexachloroethane	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
Nitrobenzene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
Isophorone	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
2-Nitrophenol	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
2,4-Dimethylphenol	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
Benzoic Acid	EPA 8270D	10								10 U		10 U	10 U	10 U	10 U			10 U	10 U		10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
2,4-Dichlorophenol	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
1,2,4-Trichlorobenzene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
Naphthalene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
4-Chloroaniline	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
Hexachlorobutadiene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
4-Chloro-3-methylphenol	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
2-Methylnaphthalene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
Hexachlorocyclopentadiene	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
2,4,6-Trichlorophenol	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
2,4,5-Trichlorophenol	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
2-Chloronaphthalene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
2-Nitroaniline	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
Dimethylphthalate	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
Acenaphthylene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
3-Nitroaniline	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U			5 U	5 U		5 U
Acenaphthene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U			1 U	1 U		1 U
2,4-Dinitrophenol	EPA 8270D	10								10 U		10 U	10 U	10 U	10 UJ			10 UJ	10 UJ		10 UJ

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-004 35-39 2-40-DP-04-35-W-0 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-0 Dilution 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-1 6/17/2008	2-40-DP-004 35-39 2-40-DP-04-35-W-1 Dilution 6/17/2008	2-40-DP-004 41-45 2-40-DP-04-41-W-0 6/17/2008	2-40-DP-004 41-45 2-40-DP-04-41-W-0 Dilution 6/17/2008	2-40-DP-004 61-65 2-40-DP-04-61-W-0 6/17/2008	2-40-DP-005 12-16 2-40-DP-05-12-W-0 6/18/2008	2-40-DP-005 35-39 2-40-DP-05-35-W-0 6/18/2008	2-40-DP-005 41-45 2-40-DP-05-41-W-0 6/18/2008	2-40-DP-005 61-65 2-40-DP-05-61-W-0 6/18/2008	2-40-DP-006 14-18 2-40-DP-06-18-W-0 6/16/2008	2-40-DP-007 10-14 2-40-DP-07-10-W-0 7/3/2008	2-40-DP-007 10-14 2-40-DP-07-10-W-1 7/3/2008	2-40-DP-008 12-16 2-40-DP-08-12-W-0 7/3/2008	2-40-DP-009 10-14 2-40-DP-09-10-W-0 7/8/2008	2-40-DP-009 10-14 2-40-DP-09-10-W-1 7/8/2008	2-40-DP-010 10-14 2-40-DP-10-10-W-0 6/23/2008
4-Nitrophenol	EPA 8270D	5								5 U		5 U	5 U	5 UJ	5 U		5 U	5 U		5 U
Dibenzofuran	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
2,6-Dinitrotoluene	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U		5 U	5 U		5 U
2,4-Dinitrotoluene	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U		5 U	5 U		5 U
Diethylphthalate	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Chlorophenyl-phenylether	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Fluorene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Nitroaniline	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U		5 U	5 U		5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10								10 U		10 U	10 U	10 U	10 U		10 U	10 U		10 U
N-Nitrosodiphenylamine	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Bromophenyl-phenylether	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Hexachlorobenzene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Pentachlorophenol	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U		5 U	5 U		5 U
Phenanthrene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Carbazole	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Anthracene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Di-n-Butylphthalate	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Fluoranthene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Pyrene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Butylbenzylphthalate	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
3,3'-Dichlorobenzidine	EPA 8270D	5								5 U		5 U	5 U	5 U	5 U		5 U	5 U		5 U
Benzo(a)anthracene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1								1 U		5.2	1 U	1 U	1 U		2.8	1 U		1 U
Chrysene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Di-n-octylphthalate	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzo(b)fluoranthene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzo(k)fluoranthene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzo(a)pyrene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Dibenz(a,h)anthracene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzo(g,h,i)perylene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
1-Methylnaphthalene	EPA 8270D	1								1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Naphthalene	EPA 8270DSIM	0.1								0.12		0.1 U	0.1 U	0.14	0.1 U		0.1 U	0.1 U		0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1								0.25		0.1 U	0.12	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Acenaphthylene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Acenaphthene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Fluorene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Phenanthrene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Anthracene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Fluoranthene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Pyrene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Chrysene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Dibenzofuran	EPA 8270DSIM	0.1								0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U		0.1 U
Aroclor 1016	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Aroclor 1242	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Aroclor 1248	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Aroclor 1254	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Aroclor 1260	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Aroclor 1221	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Aroclor 1232	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Aroclor 1262	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Aroclor 1268	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Total PCB	EPA 8082	0.01												0.01 U	0.01 U		0.01 U	0.01 U		
Inorganics (µg/L)																				
Cyanide (Total)	EPA 335.2	5					5 U		5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U		5 U
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5					5 U		5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U		5 U
Metals (Dissolved) (µg/L)																				
Aluminum	EPA 6010B	50					270		50 U	170		80	740	70	440		50 U	50 U		50 U
Antimony	EPA 6010B	50					50 U		50 U	50 U		50 U	50 U	50 U	50 U		50 U	50 U		50 U
Arsenic	EPA 200.8	0.5					0.5 U		0.5	6.5		0.7	2	4.1	3.2		4.5	2.7		1.9
Barium	EPA 6010B	3					13		25	24		4	75	37	10		3 U	3 U		37
Beryllium	EPA 6010B	1					1 U		1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U		1 U
Cadmium	EPA 200.8	0.2					0.2 U		0.2 U	0.2 U		0.2 U	0.5 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U
Calcium	EPA 6010B	50					39400		37200	44600		5440	71200	45700	19400		7750	19200		45300
Chromium	EPA 200.8	0.5					2		1 U	10		1.1	6	6.1	4		1 U	1 U		1 U
Chromium(VI)	A3500D	11																		
Cobalt	EPA 6010B	3					3 U		3 U	3		3 U	3 U	5	3 U		3 U	3 U		3 U
Copper	EPA 200.8	0.5					1.1		0.6	0.5 U		0.5 U	3	3.3	4.6		1.4	6.4		0.5 U
Iron	EPA 6010B	50					31000		8830	37500		4020	16100	46700	4570		120	50 U		42100
Lead	EPA 200.8	1					1 U		1 U	1 U		1 U	2 U	1 U	1 U		1 U	1 U		1 U
Magnesium	EPA 6010B	50					35800		75100	25100		6260	206000	19200	30700		7370	10200		37600
Manganese	EPA 6010B	1					1680		443	2500		163	335	933	106		13	11		1820
Mercury	EPA 7470A	0.02					0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U		0.02 U
Molybdenum	EPA 6010B	5					6		7	6		8	16	9	6		5 U	11		5 U
Nickel	EPA 200.8	0.5					6.2		3.6	2.6		3.1	10	1.4	4		0.8	2.1		1.5
Selenium	EPA 6010B	50					50 U		50 U	50 U		50 U	50 U	50 U	50 U		50 U	50 U		50 U
Silver	EPA 200.8	0.2					0.2 U		0.2 U	0.2 U		0.2 U	0.5 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U
Thallium	EPA 200.8	0.2					0.2 U		0.2 U	0.2 U		0.2 U	0.5 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U
Tin	EPA 6010B	10					10 U		10 U	10 U		10 U	10 U	10 U	10 U		10 U	10 U		10 U
Vanadium	EPA 6010B	3					3 U		3 U	62		5	6	33	11		14	6		6
Zinc	EPA 6010B	10					10		10 U	10 U		10 U	10 U	10 U	10 U		10 U	10 U		10 U
Petroleum Hydrocarbons (µg/L)																				
TPH - Gasoline Range	NWTPH-Gx	250								250 U		250 U	250 U	250 U						250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	250								250 U		250 U	250 U	250 U						250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500								500 U		500 U	500 U	500 U						500 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-010 35-39 2-40-DP-10-35-W-0 6/23/2008	2-40-DP-010 41-45 2-40-DP-10-41-W-0 6/23/2008	2-40-DP-010 61-65 2-40-DP-10-61-W-0 6/24/2008	2-40-DP-011 10-14 2-40-DP-11-10-W-0 6/24/2008	2-40-DP-011 35-39 2-40-DP-11-35-W-0 6/25/2008	2-40-DP-011 41-45 2-40-DP-11-41-W-0 6/25/2008	2-40-DP-011 41-45 2-40-DP-11-41-W-0 Reanalysis 6/25/2008	2-40-DP-011 61-65 2-40-DP-11-61-W-0 6/25/2008	2-40-DP-012 10-14 2-40-DP-12-10-W-0 6/20/2008	2-40-DP-012 35-39 2-40-DP-12-35-W-0 6/20/2008	2-40-DP-012 41-45 2-40-DP-12-41-W-0 6/27/2008	2-40-DP-012 61-65 2-40-DP-12-61-W-0 6/27/2008	2-40-DP-013 14-18 2-40-DP-13-14-W-0 7/3/2008	2-40-DP-014 10-14 2-40-DP-14-10-W-0 6/10/2008	2-40-DP-014 35-39 2-40-DP-14-35-W-0 6/11/2008	2-40-DP-014 41-45 2-40-DP-14-41-W-0 Dilution 6/11/2008	2-40-DP-014 41-45 2-40-DP-14-41-W-0 6/11/2008	2-40-DP-014 61-65 2-40-DP-14-61-W-0 6/11/2008	2-40-DP-015 10-14 2-40-DP-15-10-W-0 6/11/2008
VOCs (µg/L)																					
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2	20 U	0.2 U	1 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 UJ	0.5 U	20 UJ	0.5 U	1 UJ	0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.2	0.3	0.2 U	0.2 U	2.3	29 E	27	0.2 U	0.2 U	1.2	0.3	0.2 U	0.5	1 U	2.1	2100	240 ES	1 U	0.3
Chloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	40 U	0.5 U	2 U	0.5 U
Acetone	EPA 8260B	3	3 U	3 U	3 U	3.7 U	3 U	3 U	5 U	3 U	3 U	3 U	3 U	3 U	3 U	8.8	3 U	100 U	3 U	5 U	3 U
Carbon Disulfide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	1 U	0.3	0.2 U	0.4	0.4	0.2	0.2 U	1 U	0.2	20 UJ	0.2	1 UJ	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	1.4	1 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2	20 U	0.4	1 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	1 U	0.8	27	26 E	1 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.4	1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	400	130 ES	1 U	0.3
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	100 U	2.5 U	5 U	2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	100 U	1 U	5 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	5 U	1 UR	1 UR	1 U	1 U	1 U	1 U	5 U	1 U	100 U	1 U	5 U	1 U
Bromoform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	1 U	0.2 UJ	20 U	0.2 UJ	1 U	0.2 UJ
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	100 U	2.5 U	5 U	2.5 U
2-Hexanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	100 U	2.5 U	5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	1 U	0.2 UJ	20 U	0.2 UJ	1 U	0.2 UJ
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	20 UJ	0.2 U	1 UJ	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	40 UJ	0.2 U	2 UJ	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1 U	0.4 U	20 U	0.4 U	1 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 UJ	1 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	1 U	0.2 UJ	20 U	0.2 U	1 U	0.2 UJ
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Acrolein	EPA 8260B	5	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	10 U	5 UR	5 UR	5 UR	5 UR	5 UR	5 U	10 UJ	5 UR	200 UJ	5 UR	10 UJ	5 UR
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	20 UJ	1 U	1 UJ	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 UJ	0.2 U	40 U	0.2 U	2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 UJ	5 UJ	1 U	100 UJ	1 U	5 UJ	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	5 U	0.5 UJ	100 U	0.5 UJ	5 U	0.5 U
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	2 U	0.5 UJ	40 U	0.5 UJ	2 U	0.5 UJ
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	5 UJ	1 U	100 UJ	1 U	5 UJ	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	5 U	0.5 U	100 U	0.5 U	5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	20 U	0.2 U	1 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	1 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	100 U	0.5 U	5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	100 U	0.5 U	5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	100 U	0.5 U	5 U	0.5 U
SVOCs and PCBs (µg/L)																					
Phenol	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
bis(2-Chloroethyl)ether	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
2-Chlorophenol	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
1,3-Dichlorobenzene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
1,4-Dichlorobenzene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Benzyl Alcohol	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 UJ					5 UJ
1,2-Dichlorobenzene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
2-Methylphenol	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 UJ					1 UJ
4-Methylphenol	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
Hexachloroethane	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Nitrobenzene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Isophorone	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
2-Nitrophenol	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
2,4-Dimethylphenol	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Benzoic Acid	EPA 8270D	10				10 U		10 U		10 U	10 U				10 U	10 U					10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
2,4-Dichlorophenol	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
1,2,4-Trichlorobenzene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Naphthalene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
4-Chloroaniline	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
Hexachlorobutadiene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
4-Chloro-3-methylphenol	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
2-Methylnaphthalene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Hexachlorocyclopentadiene	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
2,4,6-Trichlorophenol	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
2,4,5-Trichlorophenol	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
2-Chloronaphthalene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
2-Nitroaniline	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
Dimethylphthalate	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Acenaphthylene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
3-Nitroaniline	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
Acenaphthene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
2,4-Dinitrophenol	EPA 8270D	10				10 UJ		10 UJ		10 UJ	10 U				10 UJ	10 UJ					10 UJ

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-010 35-39 2-40-DP-10-35-W-0 6/23/2008	2-40-DP-010 41-45 2-40-DP-10-41-W-0 6/23/2008	2-40-DP-010 61-65 2-40-DP-10-61-W-0 6/24/2008	2-40-DP-011 10-14 2-40-DP-11-10-W-0 6/24/2008	2-40-DP-011 35-39 2-40-DP-11-35-W-0 6/25/2008	2-40-DP-011 41-45 2-40-DP-11-41-W-0 6/25/2008	2-40-DP-011 41-45 2-40-DP-11-41-W-0 Reanalysis 6/25/2008	2-40-DP-011 61-65 2-40-DP-11-61-W-0 6/25/2008	2-40-DP-012 10-14 2-40-DP-12-10-W-0 6/20/2008	2-40-DP-012 35-39 2-40-DP-12-35-W-0 6/20/2008	2-40-DP-012 41-45 2-40-DP-12-41-W-0 6/27/2008	2-40-DP-012 61-65 2-40-DP-12-61-W-0 6/27/2008	2-40-DP-013 14-18 2-40-DP-13-14-W-0 7/3/2008	2-40-DP-014 10-14 2-40-DP-14-10-W-0 6/10/2008	2-40-DP-014 35-39 2-40-DP-14-35-W-0 6/11/2008	2-40-DP-014 41-45 2-40-DP-14-41-W-0 Dilution 6/11/2008	2-40-DP-014 41-45 2-40-DP-14-41-W-0 6/11/2008	2-40-DP-014 61-65 2-40-DP-14-61-W-0 6/11/2008	2-40-DP-015 10-14 2-40-DP-15-10-W-0 6/11/2008
4-Nitrophenol	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
Dibenzofuran	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
2,6-Dinitrotoluene	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
2,4-Dinitrotoluene	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
Diethylphthalate	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
4-Chlorophenyl-phenylether	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Fluorene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
4-Nitroaniline	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10				10 U		10 U		10 U	10 U				10 U	10 U					10 U
N-Nitrosodiphenylamine	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
4-Bromophenyl-phenylether	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Hexachlorobenzene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Pentachlorophenol	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
Phenanthrene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Carbazole	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Anthracene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Di-n-Butylphthalate	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Fluoranthene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Pyrene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Butylbenzylphthalate	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
3,3'-Dichlorobenzidine	EPA 8270D	5				5 U		5 U		5 U	5 U				5 U	5 U					5 U
Benzo(a)anthracene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1				35		2.1 U		3 U	1 U				2.3	1 U					1.4
Chrysene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Di-n-octylphthalate	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Benzo(b)fluoranthene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Benzo(k)fluoranthene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Benzo(a)pyrene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Dibenz(a,h)anthracene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Benzo(g,h,i)perylene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
1-Methylnaphthalene	EPA 8270D	1				1 U		1 U		1 U	1 U				1 U	1 U					1 U
Naphthalene	EPA 8270DSIM	0.1				0.1 U		0.1		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Acenaphthylene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Acenaphthene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Fluorene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Phenanthrene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Anthracene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Fluoranthene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Pyrene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Chrysene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Dibenzofuran	EPA 8270DSIM	0.1				0.1 U		0.1 U		0.1 U	0.1 U				0.1 U	0.1 U					0.1 U
Aroclor 1016	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.01 U						
Aroclor 1242	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.01 U						
Aroclor 1248	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.01 U						
Aroclor 1254	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.01 U						
Aroclor 1260	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.016						
Aroclor 1221	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.01 U						
Aroclor 1232	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.01 U						
Aroclor 1262	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.01 U						
Aroclor 1268	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.01 U						
Total PCB	EPA 8082	0.01									0.01 U		0.01 U	0.01 U	0.016						
Inorganics (µg/L)																					
Cyanide (Total)	EPA 335.2	5		5 U	5 U	5 U		5 U		5 U	8		6	5 U		5 U			5 U	5 U	5 U
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5		5 U	5 U	5 U		5 U		5 U	5 U		5 U	5 U		5 U			5 U	5 U	5 U
Metals (Dissolved) (µg/L)																					
Aluminum	EPA 6010B	50		50 U	50 U	50 U		50 U		50 U	160		50 U	50 U	50 U	1100			50 U	50 U	50 U
Antimony	EPA 6010B	50		50 U	50 U	50 U		50 U		50 U	50 U		50 U	50 U	50 U	100 U			50 U	50 U	50 U
Arsenic	EPA 200.8	0.5		2.5	2	1.6		0.5 U		2	15		0.5	1.6	0.5 U	39.3			0.7	3	5.9
Barium	EPA 6010B	3		7	28	28		10		45	22		6	30	12	70			10	43	7
Beryllium	EPA 6010B	1		1 U	1 U	1 U		1 U		1 U	1 U		1 U	1 U	1 U	2 U			1 U	1 U	1 U
Cadmium	EPA 200.8	0.2		0.2 U	0.5 U	0.2 U		0.2 U		0.5 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.5 U	0.2 U
Calcium	EPA 6010B	50		31200	31000	53400		20900		45700	13400		14500	33100	19200	22900			30300	48500	31700
Chromium	EPA 200.8	0.5		1 U	2	2		1 U		2	10.9		0.5 U	1.4	1	133			1 U	2	2
Chromium(VI)	A3500D	11																			
Cobalt	EPA 6010B	3		3 U	3 U	3 U		3 U		3 U	6		3 U	3 U	3 U	6			3 U	3 U	3 U
Copper	EPA 200.8	0.5		0.5 U	1 U	1.6		0.5 U		1 U	0.6		1.4	5	0.5 U	12.2			0.5 U	1 U	0.5 U
Iron	EPA 6010B	50		23100	6410	46200		19900		8860	17200		15200	9730	21500	27200			18200	14000	18500
Lead	EPA 200.8	1		1 U	2 U	1 U		1 U		2 U	1 U		1 U	1 U	1 U	2			1 U	2 U	1 U
Magnesium	EPA 6010B	50		15400	93500	41100		16200		158000	23200		11500	102000	13400	34800			20100	104000	14900
Manganese	EPA 6010B	1		948	148	2580		740		169	330		513	288	610	718			1220	488	718
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U		0.02 U		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.137			0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5		5	11	5 U		6		14	5 U		5	13	5 U	10			5 U	14	5 U
Nickel	EPA 200.8	0.5		3	3	1.9		3		5	5		4.4	4.8	2.5	6.5			2.7	7	1.6
Selenium	EPA 6010B	50		50 U	50 U	50 U		50 U		50 U	50 U		50 U	50 U	50 U	100 U			50 U	50 U	50 U
Silver	EPA 200.8	0.2		0.2 U	0.5 U	0.2 U		0.2 U		0.5 U	0.2 U		0.2 U	0.2 U	0.2 U	1.2			0.2 U	0.5 U	0.2 U
Thallium	EPA 200.8	0.2		0.2 U	0.5 U	0.2 U		0.2 U		0.5 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U			0.2 U	0.5 U	0.2 U
Tin	EPA 6010B	10		10 U	10 U	10 U		10 U		10 U	10 U		10 U	10 U	10 U	20 U			10 U	10 U	10 U
Vanadium	EPA 6010B	3		3	5	13		3 U		3	69		3 U	4	10	666			3 U	5	15
Zinc	EPA 6010B	10		20	10 U	10 U		10 U		10 U	10 U		10 U	10 U	10 U	20 U			30	10 U	10 U
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	250		250 U	250 U	250 U		250 U		250 U					250 U	250 U			250 U	250 U	250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	250		250 U	250 U	250 U		250 U		250 U					250 U	250 U			250 U	250 U	250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500		500 U	500 U	500 U		500 U		500 U					500 U	500 U			500 U	500 U	500 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-015 35-39 2-40-DP-15-35-W-0 6/11/2008	2-40-DP-015 41-45 2-40-DP-15-41-W-0 6/12/2008	2-40-DP-015 61-65 2-40-DP-15-61-W-0 6/12/2008	2-40-DP-016 10-14 2-40-DP-16-10-W-0 6/13/2008	2-40-DP-017 10-14 2-40-DP-17-10-W-0 6/12/2008	2-40-DP-018 10-14 2-40-DP-18-10-W-0 6/6/2008	2-40-DP-018 10-14 2-40-DP-18-10-W-0 Reextraction 6/6/2008	2-40-DP-018 35-39 2-40-DP-18-35-W-0 6/6/2008	2-40-DP-019 10-14 2-40-DP-19-10-W-0 5/19/2008	2-40-DP-019 25-29 2-40-DP-19-25-W-0 5/19/2008	2-40-DP-019 31-35 2-40-DP-19-31-W-0 5/20/2008	2-40-DP-020 12-16 2-40-DP-20-12-W-0 7/3/2008	2-40-DP-021 12-16 2-40-DP-21-12-W-0 6/20/2008	2-40-DP-021 41-45 2-40-DP-21-41-W-0 6/27/2008	2-40-DP-021 61-65 2-40-DP-21-61-W-0 6/30/2008	2-40-DP-022 12-16 2-40-DP-22-12-W-0 6/19/2008	2-40-DP-022 35-39 2-40-DP-22-35-W-0 6/19/2008	2-40-DP-022 41-45 2-40-DP-22-41-W-0 6/19/2008	2-40-DP-022 61-65 2-40-DP-22-61-W-0 6/20/2008	2-40-DP-023 10-14 2-40-DP-23-10-W-0 6/30/2008
VOCs (µg/L)																						
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.3	0.2 U	0.2 U	0.3	0.6	0.4		0.2 U	0.2 U	0.2 U	0.2	0.5	0.2 U	0.2 U	0.2 U	0.2 U	0.8	0.5	0.2 U	0.2 U
Chloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	3	3.4	3 U	3 U	3 U	3 U	3 U		3 U	3 UR	3 UR	3 U	3 U	8.2	3 U	3 U	5.4	3 U	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	0.2	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.3		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.7	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	1.7	0.2 U	0.2 U	0.2	0.4	0.4		0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.4
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	EPA 8260B	0.2	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR		5 UR	5 UR	5 UR	5 UR	5 U	5 UR	5 UR	5 U	5 UR	5 UR	5 UR	5 UR	5 U
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 UR	1 UR	1 U	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 UJ
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	0.5 UR	0.5 UR	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs and PCBs (µg/L)																						
Phenol	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
bis(2-Chloroethyl)ether	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
2-Chlorophenol	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
1,3-Dichlorobenzene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
1,4-Dichlorobenzene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Benzyl Alcohol	EPA 8270D	5				5 UJ	5 UJ	5 UJ			5 U			5 U	5 U			5 U				5 U
1,2-Dichlorobenzene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
2-Methylphenol	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1				1 UJ	1 UJ	1 UJ			1 U			1 U	1 U			1 U				1 U
4-Methylphenol	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
Hexachloroethane	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Nitrobenzene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Isophorone	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
2-Nitrophenol	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
2,4-Dimethylphenol	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Benzoic Acid	EPA 8270D	10				10 U	10 U	10 U			10 U			10 U	10 U			10 U				10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
2,4-Dichlorophenol	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
1,2,4-Trichlorobenzene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Naphthalene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
4-Chloroaniline	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
Hexachlorobutadiene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
4-Chloro-3-methylphenol	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
2-Methylnaphthalene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Hexachlorocyclopentadiene	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
2,4,6-Trichlorophenol	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
2,4,5-Trichlorophenol	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
2-Chloronaphthalene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
2-Nitroaniline	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
Dimethylphthalate	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Acenaphthylene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
3-Nitroaniline	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
Acenaphthene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
2,4-Dinitrophenol	EPA 8270D	10				10 UJ	10 UJ	10 UJ			10 U			10 UJ	10 U			10 U				10 UJ

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-015 35-39 2-40-DP-15-35-W-0 6/11/2008	2-40-DP-015 41-45 2-40-DP-15-41-W-0 6/12/2008	2-40-DP-015 61-65 2-40-DP-15-61-W-0 6/12/2008	2-40-DP-016 10-14 2-40-DP-16-10-W-0 6/13/2008	2-40-DP-017 10-14 2-40-DP-17-10-W-0 6/12/2008	2-40-DP-018 10-14 2-40-DP-18-10-W-0 6/6/2008	2-40-DP-018 10-14 2-40-DP-18-10-W-0 Reextraction 6/6/2008	2-40-DP-018 35-39 2-40-DP-18-35-W-0 6/6/2008	2-40-DP-019 10-14 2-40-DP-19-10-W-0 5/19/2008	2-40-DP-019 25-29 2-40-DP-19-25-W-0 5/19/2008	2-40-DP-019 31-35 2-40-DP-19-31-W-0 5/20/2008	2-40-DP-020 12-16 2-40-DP-20-12-W-0 7/3/2008	2-40-DP-021 12-16 2-40-DP-21-12-W-0 6/20/2008	2-40-DP-021 41-45 2-40-DP-21-41-W-0 6/27/2008	2-40-DP-021 61-65 2-40-DP-21-61-W-0 6/30/2008	2-40-DP-022 12-16 2-40-DP-22-12-W-0 6/19/2008	2-40-DP-022 35-39 2-40-DP-22-35-W-0 6/19/2008	2-40-DP-022 41-45 2-40-DP-22-41-W-0 6/19/2008	2-40-DP-022 61-65 2-40-DP-22-61-W-0 6/20/2008	2-40-DP-023 10-14 2-40-DP-23-10-W-0 6/30/2008
4-Nitrophenol	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
Dibenzofuran	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
2,6-Dinitrotoluene	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
2,4-Dinitrotoluene	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
Diethylphthalate	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
4-Chlorophenyl-phenylether	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Fluorene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
4-Nitroaniline	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10				10 U	10 U	10 U			10 U			10 U	10 U			10 U				10 U
N-Nitrosodiphenylamine	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
4-Bromophenyl-phenylether	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Hexachlorobenzene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Pentachlorophenol	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
Phenanthrene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Carbazole	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Anthracene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Di-n-Butylphthalate	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Fluoranthene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Pyrene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Butylbenzylphthalate	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
3,3'-Dichlorobenzidine	EPA 8270D	5				5 U	5 U	5 U			5 U			5 U	5 U			5 U				5 U
Benzo(a)anthracene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Chrysene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Di-n-octylphthalate	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Benzo(b)fluoranthene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Benzo(k)fluoranthene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Benzo(a)pyrene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Dibenz(a,h)anthracene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Benzo(g,h,i)perylene	EPA 8270D	1				1 U	1 U	1 UJ			1 U			1 U	1 U			1 U				1 U
1-Methylnaphthalene	EPA 8270D	1				1 U	1 U	1 U			1 U			1 U	1 U			1 U				1 U
Naphthalene	EPA 8270DSIM	0.1				0.11	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Acenaphthylene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Acenaphthene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Fluorene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Phenanthrene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Anthracene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Fluoranthene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Pyrene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Chrysene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Dibenzofuran	EPA 8270DSIM	0.1				0.1 U	0.1 U	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U			0.1 U				0.1 U
Aroclor 1016	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Aroclor 1242	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Aroclor 1248	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Aroclor 1254	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Aroclor 1260	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Aroclor 1221	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Aroclor 1232	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Aroclor 1262	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Aroclor 1268	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Total PCB	EPA 8082	0.01				0.01 U									0.01 U	0.01 U	0.01 U	0.01 U			0.01 U	0.01 U	
Inorganics (µg/L)																						
Cyanide (Total)	EPA 335.2	5		5 U	5 U	5 U	5 U	5 U			5 U				15	5 U	5 U	31			5 U	5 U	12
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5		5 U	5 U	5 U	5 U	5 U			5 U				5 U	5 U	5 U	5 U			5 U	5 U	5 U
Metals (Dissolved) (µg/L)																						
Aluminum	EPA 6010B	50		90	100 U	590	170	80			50 U			770	1000	50 U	50 U	110			50 U	120	130
Antimony	EPA 6010B	50		50 U	100 U	50 U	50 U	50 U			50 U			50 U	100 U	50 U	50 U	50 U			50 U	50 U	50 U
Arsenic	EPA 200.8	0.5		1.1	2 U	8.1	16.2	35			3			0.9	24.3	5.5	3	16			0.5 U	2	19.9
Barium	EPA 6010B	3		10	63	13	11	8			18			12	29	7	123	19			8	49	7
Beryllium	EPA 6010B	1		1 U	2 U	1 U	1 U	1 U			1 U			1 U	2 U	1 U	1 U	1 U			1 U	1 U	1 U
Cadmium	EPA 200.8	0.2		0.2 U	1 U	0.2 U	0.2 U	0.2 U			0.2 U			0.2 U	0.2 U	0.2 U	1 U	0.2 U			0.2 U	0.5 U	0.2 U
Calcium	EPA 6010B	50		17600	77900	5360	4520	5090			40400			19900	11400	29700	216000	19300			11400	53700	7890
Chromium	EPA 200.8	0.5		1 U	2 U	15	7	5			0.5 U			4	68	1 U	3	9.9			0.5 U	3	22
Chromium(VI)	A3500D	11																					
Cobalt	EPA 6010B	3		3 U	6 U	3 U	3 U	3 U			3 U			3 U	9	3 U	3 U	3 U			3 U	3 U	3 U
Copper	EPA 200.8	0.5		0.5 U	2 U	10.4	0.5 U	0.5 U			0.7			2.1	10.4	0.5 U	2 U	0.5 U			0.5 U	1 U	0.9 U
Iron	EPA 6010B	50		15300	30200	11300	12400	21400			980			10400	8450	22600	17200	26600			13000	14200	12500
Lead	EPA 200.8	1		1 U	5 U	1 U	1 U	1 U			1 U			1 U	1	1 U	5 U	1 U			1 U	2 U	1 U
Magnesium	EPA 6010B	50		11800	137000	8120	9540	10800			53900			12100	14000	15700	403000	18300			9890	159000	7830
Manganese	EPA 6010B	1		1040	1350	234	339	374			62			427	361	964	765	763			435	356	379
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U			0.02 U	0.0318	0.02 U	0.02 U	0.02 U			0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5		10	20	5 U	5 U	5 U			5			5 U	10 U	5 U	86 J	5 U			5 U	17	5 U
Nickel	EPA 200.8	0.5		5.9	10	2.2	1.2	1.6			2.7			2.4	9.2	3	17	2.4			3.6	6	4
Selenium	EPA 6010B	50		50 U	100 U	50 U	50 U	50 U			50 U			50 U	100 U	50 U	50 U	50 U			50 U	50 U	50 U
Silver	EPA 200.8	0.2		0.2 U	1 U	0.2 U	0.2 U	0.2 U			0.2 U			0.2 UJ	0.3	0.2 U	1 U	0.2 U			0.2 U	0.5 U	0.3
Thallium	EPA 200.8	0.2		0.2 U	1 U	0.2 U	0.2 U	0.2 U			0.2 U			0.2 U	0.2 U	0.2 U	1 U	0.2 U			0.2 U	0.5 U	0.2 U
Tin	EPA 6010B	10		10 U	20 U	10 U	10 U	10 U			10 U			10 U	20 U	10 U	10 U	10 U			10 U	10 U	10 U
Vanadium	EPA 6010B	3		4	6 U	108	49	32			3 U			26	429	5	3	63			3 U	4	100
Zinc	EPA 6010B	10		20	20 U	10 U	10 U	10 U			10 U			10 U	20 U	10 U	10 U	10 U			20	10 U	10 U
Petroleum Hydrocarbons (µg/L)																						
TPH - Gasoline Range	NWTPH-Gx	250		250 U	250 U	250 U	250 U	250 U			250 U			250 U								
TPH - Diesel Range	NWTPH-Dx-Cleaned	250		250 U	250 U	250 U	250 U	250 U			250 U			250 U								
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500		500 U	500 U	500 U	500 U	500 U			500 U			500 U								

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-023 41-45 2-40-DP-23-41-W-0 6/30/2008	2-40-DP-023 61-65 2-40-DP-23-61-W-0 6/30/2008	2-40-DP-024 10-14 2-40-DP-24-10-W-0 6/10/2008	2-40-DP-024 35-39 2-40-DP-24-35-W-0 Dilution 6/10/2008	2-40-DP-024 35-39 2-40-DP-24-35-W-0 6/10/2008	2-40-DP-024 41-45 2-40-DP-24-41-W-0 6/10/2008	2-40-DP-024 61-65 2-40-DP-24-61-W-0 6/10/2008	2-40-DP-025 10-14 2-40-DP-25-10-W-0 7/3/2008	2-40-DP-026 10-14 2-40-DP-26-10-W-0 7/2/2008	2-40-DP-027 10-14 2-40-DP-27-10-W-0 6/5/2008	2-40-DP-027 10-14 2-40-DP-27-10-W-0 Reextract 6/5/2008	2-40-DP-027 35-39 2-40-DP-27-35-W-0 Dilution 6/5/2008	2-40-DP-027 35-39 2-40-DP-27-35-W-0 6/5/2008	2-40-DP-027 41-45 2-40-DP-27-41-W-0 6/5/2008	2-40-DP-027 61-65 2-40-DP-27-61-W-0 7/2/2008	2-40-DP-028 10-14 2-40-DP-28-10-W-0 6/6/2008	2-40-DP-028 10-14 2-40-DP-28-10-W-0 Reextract 6/6/2008	2-40-DP-029 10-14 2-40-DP-29-10-W-0 6/3/2008
VOCs (µg/L)																				
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	50 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		10 UJ	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	1500	210 ES	0.2 U	0.2 U	0.5	0.4	0.2 U		980	190 ES	15	0.3	0.3		0.2 U
Chloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	100 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		20 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
Acetone	EPA 8260B	3	3 U	3 U	3 U	250 U	4.3	3 U	3 U	3 U	3 U	3 U		50 U	3 U	3 U	3 U	3 U		3 U
Carbon Disulfide	EPA 8260B	0.2	0.2	0.3	0.2 U	50 U	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.3	0.2 U	0.2 U		0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	1.9	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	2.3	0.6	0.2 U	0.2 U		0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.7	1.4	0.2 U	0.2 U		0.3
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
2-Butanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		50 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 UR
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U	250 U	1 U	1 U	1 U	1 U	1 U	1 U		50 U	1 U	1 U	1 U	1 U		1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Benzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 U	1 U	1 U	250 U	1 U	1 U	1 U	1 U	1 U	1 U		50 U	1 U	1 U	1 U	1 U		1 UR
Bromoform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 UJ	50 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ		10 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ		0.2 UJ
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		50 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 UR
2-Hexanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	250 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		50 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 UJ	50 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ		10 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ		0.2 U
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 UJ	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	100 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		20 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U	50 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		10 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 UJ	50 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ		10 U	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ		0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Acrolein	EPA 8260B	5	5 U	5 U	5 UR	500 UJ	5 UR	5 UR	5 UR	5 U	5 U	5 UR		100 UR	5 UR	5 UR	5 U	5 UR		5 UR
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U	50 UJ	1 U	1 U	1 U	1 U	1 U	1 U		10 UJ	1 U	1 U	1 U	1 U		1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		20 UJ	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Acrylonitrile	EPA 8260B	1	1 UJ	1 UJ	1 U	250 UJ	1 U	1 U	1 U	1 UJ	1 UJ	1 U		50 UJ	1 U	1 U	1 UJ	1 U		1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 U	250 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ		50 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ		0.5 UJ
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 UJ	100 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ		20 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ		0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U	250 UJ	1 U	1 U	1 U	1 U	1 U	1 U		50 UJ	1 U	1 U	1 U	1 U		1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 U	250 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U		50 U	0.5 U	0.5 U	0.5 UJ	0.5 U		0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 UJ	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	50 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		10 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	250 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		50 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	250 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		50 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 UJ
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	250 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		50 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
SVOCs and PCBs (µg/L)																				
Phenol	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
bis(2-Chloroethyl)ether	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
2-Chlorophenol	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
1,3-Dichlorobenzene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
1,4-Dichlorobenzene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Benzyl Alcohol	EPA 8270D	5			5 UJ			5 UJ	5 UJ	5 U	5 U	5 U						5 UJ		5 U
1,2-Dichlorobenzene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
2-Methylphenol	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1			1 UJ			1 UJ	1 UJ	1 U	1 U	1 UJ						1 UJ		1 UJ
4-Methylphenol	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
Hexachloroethane	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Nitrobenzene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Isophorone	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
2-Nitrophenol	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
2,4-Dimethylphenol	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Benzoic Acid	EPA 8270D	10			10 U			10 U	10 U	10 U	10 U	10 U						10 U		10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
2,4-Dichlorophenol	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
1,2,4-Trichlorobenzene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Naphthalene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
4-Chloroaniline	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
Hexachlorobutadiene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
4-Chloro-3-methylphenol	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
2-Methylnaphthalene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Hexachlorocyclopentadiene	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
2,4,6-Trichlorophenol	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
2,4,5-Trichlorophenol	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
2-Chloronaphthalene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
2-Nitroaniline	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
Dimethylphthalate	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Acenaphthylene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
3-Nitroaniline	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
Acenaphthene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
2,4-Dinitrophenol	EPA 8270D	10			10 UJ			10 UJ	10 UJ	10 UJ	10 UJ	10 UJ						10 UJ		10 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-023 41-45 2-40-DP-23-41-W-0 6/30/2008	2-40-DP-023 61-65 2-40-DP-23-61-W-0 6/30/2008	2-40-DP-024 10-14 2-40-DP-24-10-W-0 6/10/2008	2-40-DP-024 35-39 2-40-DP-24-35-W-0 Dilution 6/10/2008	2-40-DP-024 35-39 2-40-DP-24-35-W-0 6/10/2008	2-40-DP-024 41-45 2-40-DP-24-41-W-0 6/10/2008	2-40-DP-024 61-65 2-40-DP-24-61-W-0 6/10/2008	2-40-DP-025 10-14 2-40-DP-25-10-W-0 7/3/2008	2-40-DP-026 10-14 2-40-DP-26-10-W-0 7/2/2008	2-40-DP-027 10-14 2-40-DP-27-10-W-0 6/5/2008	2-40-DP-027 10-14 2-40-DP-27-10-W-0 Reextract 6/5/2008	2-40-DP-027 35-39 2-40-DP-27-35-W-0 Dilution 6/5/2008	2-40-DP-027 35-39 2-40-DP-27-35-W-0 6/5/2008	2-40-DP-027 41-45 2-40-DP-27-41-W-0 6/5/2008	2-40-DP-027 61-65 2-40-DP-27-61-W-0 7/2/2008	2-40-DP-028 10-14 2-40-DP-28-10-W-0 6/6/2008	2-40-DP-028 10-14 2-40-DP-28-10-W-0 Reextract 6/6/2008	2-40-DP-029 10-14 2-40-DP-29-10-W-0 6/3/2008
4-Nitrophenol	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
Dibenzofuran	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
2,6-Dinitrotoluene	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
2,4-Dinitrotoluene	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
Diethylphthalate	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
4-Chlorophenyl-phenylether	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Fluorene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
4-Nitroaniline	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10			10 U			10 U	10 U	10 U	10 U	10 U						10 U		10 U
N-Nitrosodiphenylamine	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
4-Bromophenyl-phenylether	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Hexachlorobenzene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Pentachlorophenol	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
Phenanthrene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Carbazole	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Anthracene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Di-n-Butylphthalate	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Fluoranthene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Pyrene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Butylbenzylphthalate	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
3,3'-Dichlorobenzidine	EPA 8270D	5			5 U			5 U	5 U	5 U	5 U	5 U						5 U		5 U
Benzo(a)anthracene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1			1 U			7.8	1 U	1 U	1 U	1 U						1 U		1 U
Chrysene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Di-n-octylphthalate	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Benzo(b)fluoranthene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Benzo(k)fluoranthene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Benzo(a)pyrene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 UJ
Dibenz(a,h)anthracene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 UJ
Benzo(g,h,i)perylene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 UJ		1 UJ
1-Methylnaphthalene	EPA 8270D	1			1 U			1 U	1 U	1 U	1 U	1 U						1 U		1 U
Naphthalene	EPA 8270DSIM	0.1			0.1 U			0.19	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 UR	0.1 UJ	0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 UR	0.1 UJ	0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 UR	0.1 UJ	0.1 U
Acenaphthylene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U
Acenaphthene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U
Fluorene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U
Phenanthrene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U
Anthracene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 UJ	0.1 UJ	0.1 U
Fluoranthene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Pyrene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Chrysene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Dibenzofuran	EPA 8270DSIM	0.1			0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ					0.1 U	0.1 UJ	0.1 U
Aroclor 1016	EPA 8082	0.01																			0.01 U
Aroclor 1242	EPA 8082	0.01																			0.01 U
Aroclor 1248	EPA 8082	0.01																			0.01 U
Aroclor 1254	EPA 8082	0.01																			0.01 U
Aroclor 1260	EPA 8082	0.01																			0.01 U
Aroclor 1221	EPA 8082	0.01																			0.01 U
Aroclor 1232	EPA 8082	0.01																			0.01 U
Aroclor 1262	EPA 8082	0.01																			0.01 U
Aroclor 1268	EPA 8082	0.01																			0.01 U
Total PCB	EPA 8082	0.01																			0.01 U
Inorganics (µg/L)																					
Cyanide (Total)	EPA 335.2	5	5 U	5 U	8			5 U	5 U	5 U	10	14				5 U	5 U			5 U
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5	5 U	5 U	5 U			5 U	5 U	5 U	5 U	5 U				5 U	5 U			5 U
Metals (Dissolved) (µg/L)																					
Aluminum	EPA 6010B	50	70	100 U	100			50 U	50 U	100	80	50 U				50 U	200	60		60
Antimony	EPA 6010B	50	50 U	100 U	50 U			50 U	50 U	50 U	50 U	50 U				50 U	50 U	50 U		50 U
Arsenic	EPA 200.8	0.5	0.6	4	8.4			0.5 U	2 U	24.4	24.6	7.2				0.5 U	2 U	7.2		2.3
Barium	EPA 6010B	3	26	233	8			43	117	19	10	13				19	93	5		11
Beryllium	EPA 6010B	1	1 U	2 U	1 U			1 U	1 U	1 U	1 U	1 U				1 U	1 U	1 U		1 U
Cadmium	EPA 200.8	0.2	0.2 U	1 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U	0.2 U				0.2 U	1 U	0.2 U		0.2 U
Calcium	EPA 6010B	50	27200	806000	18200			43200	183000	22900	6460	27800				30500	118000	3350		16400
Chromium	EPA 200.8	0.5	2 U	2 U	2 U			1 U	2 U	4	7	1.8				1 U	4	2.4		4
Chromium(VI)	A3500D	11																			
Cobalt	EPA 6010B	3	3 U	6 U	3 U			3 U	3 U	3 U	3 U	3 U				3 U	3 U	3 U		3 U
Copper	EPA 200.8	0.5	0.5 U	4	0.6			0.5 U	2 U	0.7	0.6	0.7				0.5 U	2 U	0.5 U		0.5 U
Iron	EPA 6010B	50	19800	15500	21500			20100	24200	61200	25500	21800				20600	30200	8760		18500
Lead	EPA 200.8	1	1 U	5 U	1 U			1 U	5 U	1 U	1 U	1 U				1 U	5 U	1 U		1 U
Magnesium	EPA 6010B	50	38400	778000	22900			68800	345000	14300	9170	26300				29700	195000	8610		13700
Manganese	EPA 6010B	1	786	4100	834			1100	812	771	406	969				1120	1340	226		551
Mercury	EPA 7470A	0.02	0.02 U	0.02 U	0.02 U			0.02 U	0.02	0.02 U	0.02 U	0.02 U				0.02 U	0.02 U	0.02 U		0.02 U
Molybdenum	EPA 6010B	5	11	30	5 U			14	13	7	5 U	5				7	22	5 U		5 U
Nickel	EPA 200.8	0.5	8.4	24	2			11.5	13	1.6	3	2.1				8.4	11	0.8		1.9
Selenium	EPA 6010B	50	50 U	100 U	50 U			50 U	50 U	50 U	50 U	50 U				50 U	50 U	50 U		50 U
Silver	EPA 200.8	0.2	0.2 U	1 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U	0.2 U				0.2 U	1 U	0.2 U		0.2 U
Thallium	EPA 200.8	0.2	0.2 U	1 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U	0.2 U				0.2 U	1 U	0.2 U		0.2 U
Tin	EPA 6010B	10	10 U	20 U	10 U			10 U	10 U	10 U	10 U	10 U				10 U	10 U	10 U		10 U
Vanadium	EPA 6010B	3	3 U	6 U	13			3 U	3 U	34	36	13				3 U	3 U	16		25
Zinc	EPA 6010B	10	10 U	20 U	10 U			20	10 U	10 U	10 U	10 U				50	10 U	10 U		10 U
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	250								250 U		250 U				250 U	250 U			250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	250								250 U		250 U				250 U	250 U			250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500								500 U		500 U				500 U	500 U			500 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-029 28-32 2-40-DP-29-28-W-0 6/3/2008	2-40-DP-029 35-39 2-40-DP-29-35-W-0 6/3/2008	2-40-DP-029 41-45 2-40-DP-29-41-W-0 6/4/2008	2-40-DP-029 61-65 2-40-DP-29-61-W-0 6/4/2008	2-40-DP-030 10-14 2-40-DP-30-10-W-0 6/16/2008	2-40-DP-031 10-14 2-40-DP-31-10-W-0 7/8/2008	2-40-DP-032 10-14 2-40-DP-32-10-W-0 5/28/2008	2-40-DP-032 41-45 2-40-DP-32-41-W-0 5/28/2008	2-40-DP-032 61-65 2-40-DP-32-61-W-0 5/28/2008	2-40-DP-033 10-14 2-40-DP-33-10-W-0 6/2/2008	2-40-DP-033 25-29 2-40-DP-33-25-W-0 6/2/2008	2-40-DP-033 31-35 2-40-DP-33-31-W-0 6/2/2008	2-40-DP-033 41-45 2-40-DP-33-41-W-0 6/2/2008	2-40-DP-033 61-65 2-40-DP-33-61-W-0 6/3/2008	2-40-DP-034 10-14 2-40-DP-34-10-W-0 7/7/2008	2-40-DP-035 10-14 2-40-DP-35-10-W-0 5/30/2008	2-40-DP-035 10-14 2-40-DP-35-10-W-0 Reextract 5/30/2008	2-40-DP-035 25-29 2-40-DP-35-25-W-0 5/30/2008	2-40-DP-035 31-35 2-40-DP-35-31-W-0 5/30/2008	2-40-DP-035 41-45 2-40-DP-35-41-W-0 5/30/2008
VOCs (µg/L)																						
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.2 U	0.2 U	0.4	0.2 U	0.2 U	1	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.5	0.2 U	0.4	0.2 U		0.3	0.2	0.2 U
Chloroethane	EPA 8260B	0.2	0.2	0.5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	3	5.5	5.5	3 U	3 U	6.3	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	5.2	3 U	3 U		3 U	4.2	3 U
Carbon Disulfide	EPA 8260B	0.2	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.6	0.2 U	0.2	0.2 U	0.5	1.1	0.2 U	0.2 U		0.2 U	1	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	3.9	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U		0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	1	0.2 U	0.2 U	0.2 U	0.2 U	0.6	0.2 U		0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2	0.2 U	0.2 UR	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.9	0.2 U	0.2 U	1.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8		0.2 U	0.2 U	0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 UR	1 UR	1 UR	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UR	1 U	1 U		1 U	1 U	1 U
Bromoform	EPA 8260B	0.2	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 UJ	0.2 UJ
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U
2-Hexanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR		5 UR	5 UR	5 UR
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U		1 U	1 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U		0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UR	0.2 U	0.2 U	0.2 U		0.2 UJ	0.2 UJ	0.2 UJ
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U
SVOCs and PCBs (µg/L)																						
Phenol	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
bis(2-Chloroethyl)ether	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
2-Chlorophenol	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
1,3-Dichlorobenzene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
1,4-Dichlorobenzene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Benzyl Alcohol	EPA 8270D	5					5 UJ	5 U	5 U			5 U					5 U	5 U				
1,2-Dichlorobenzene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
2-Methylphenol	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1					1 UJ	1 U	1 U			1 UJ					1 U	1 UJ				
4-Methylphenol	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
N-Nitroso-Di-N-Propylamine	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
Hexachloroethane	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Nitrobenzene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Isophorone	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
2-Nitrophenol	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
2,4-Dimethylphenol	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Benzoic Acid	EPA 8270D	10					10 U	10 U	10 U			10 U					10 U	10 U				
bis(2-Chloroethoxy)methane	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
2,4-Dichlorophenol	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
1,2,4-Trichlorobenzene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Naphthalene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
4-Chloroaniline	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
Hexachlorobutadiene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
4-Chloro-3-methylphenol	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
2-Methylnaphthalene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Hexachlorocyclopentadiene	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
2,4,6-Trichlorophenol	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
2,4,5-Trichlorophenol	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
2-Chloronaphthalene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
2-Nitroaniline	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
Dimethylphthalate	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Acenaphthylene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
3-Nitroaniline	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
Acenaphthene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
2,4-Dinitrophenol	EPA 8270D	10					10 U	10 UJ	10 U			10 U					10 UJ	10 U				

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-029 28-32 2-40-DP-29-28-W-0 6/3/2008	2-40-DP-029 35-39 2-40-DP-29-35-W-0 6/3/2008	2-40-DP-029 41-45 2-40-DP-29-41-W-0 6/4/2008	2-40-DP-029 61-65 2-40-DP-29-61-W-0 6/4/2008	2-40-DP-030 10-14 2-40-DP-30-10-W-0 6/16/2008	2-40-DP-031 10-14 2-40-DP-31-10-W-0 7/8/2008	2-40-DP-032 10-14 2-40-DP-32-10-W-0 5/28/2008	2-40-DP-032 41-45 2-40-DP-32-41-W-0 5/28/2008	2-40-DP-032 61-65 2-40-DP-32-61-W-0 5/28/2008	2-40-DP-033 10-14 2-40-DP-33-10-W-0 6/2/2008	2-40-DP-033 25-29 2-40-DP-33-25-W-0 6/2/2008	2-40-DP-033 31-35 2-40-DP-33-31-W-0 6/2/2008	2-40-DP-033 41-45 2-40-DP-33-41-W-0 6/2/2008	2-40-DP-033 61-65 2-40-DP-33-61-W-0 6/3/2008	2-40-DP-034 10-14 2-40-DP-34-10-W-0 7/7/2008	2-40-DP-035 10-14 2-40-DP-35-10-W-0 5/30/2008	2-40-DP-035 10-14 2-40-DP-35-10-W-0 Reextract 5/30/2008	2-40-DP-035 25-29 2-40-DP-35-25-W-0 5/30/2008	2-40-DP-035 31-35 2-40-DP-35-31-W-0 5/30/2008	2-40-DP-035 41-45 2-40-DP-35-41-W-0 5/30/2008
4-Nitrophenol	EPA 8270D	5					5 UJ	5 U	5 U			5 U					5 U	5 U				
Dibenzofuran	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
2,6-Dinitrotoluene	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
2,4-Dinitrotoluene	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
Diethylphthalate	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
4-Chlorophenyl-phenylether	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Fluorene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
4-Nitroaniline	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
4,6-Dinitro-2-Methylphenol	EPA 8270D	10					10 U	10 U	10 U			10 U					10 U	10 U				
N-Nitrosodiphenylamine	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
4-Bromophenyl-phenylether	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Hexachlorobenzene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Pentachlorophenol	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
Phenanthrene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Carbazole	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Anthracene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Di-n-Butylphthalate	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Fluoranthene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Pyrene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Butylbenzylphthalate	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
3,3'-Dichlorobenzidine	EPA 8270D	5					5 U	5 U	5 U			5 U					5 U	5 U				
Benzo(a)anthracene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
bis(2-Ethylhexyl)phthalate	EPA 8270D	1					1 U	1 U	15 U			1 U					1 U	1.1				
Chrysene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Di-n-octylphthalate	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Benzo(b)fluoranthene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Benzo(k)fluoranthene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Benzo(a)pyrene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Indeno(1,2,3-cd)pyrene	EPA 8270D	1					1 U	1 U	1 UJ			1 U					1 U	1 U				
Dibenz(a,h)anthracene	EPA 8270D	1					1 U	1 U	1 UJ			1 U					1 U	1 U				
Benzo(g,h,i)perylene	EPA 8270D	1					1 U	1 U	1 UJ			1 U					1 U	1 U				
1-Methylnaphthalene	EPA 8270D	1					1 U	1 U	1 U			1 U					1 U	1 U				
Naphthalene	EPA 8270DSIM	0.1					0.14	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
2-Methylnaphthalene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
1-Methylnaphthalene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Acenaphthylene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Acenaphthene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Fluorene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Phenanthrene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.11			0.1 U					0.1 U	0.1 UJ	0.1 U			
Anthracene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Fluoranthene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Pyrene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Benzo(a)anthracene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Chrysene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Benzo(b)fluoranthene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Benzo(k)fluoranthene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Benzo(a)pyrene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Dibenzofuran	EPA 8270DSIM	0.1					0.1 U	0.1 U	0.1 U			0.1 U					0.1 U	0.1 UJ	0.1 U			
Aroclor 1016	EPA 8082	0.01			0.01 U	0.01 U		0.01 U														
Aroclor 1242	EPA 8082	0.01			0.01 U	0.01 U		0.01 U														
Aroclor 1248	EPA 8082	0.01			0.01 U	0.01 U		0.01 U														
Aroclor 1254	EPA 8082	0.01			0.018	0.01 U		0.01 U														
Aroclor 1260	EPA 8082	0.01			0.01 U	0.01 U		0.01 U														
Aroclor 1221	EPA 8082	0.01			0.01 U	0.01 U		0.01 U														
Aroclor 1232	EPA 8082	0.01			0.01 U	0.01 U		0.01 U														
Aroclor 1262	EPA 8082	0.01			0.01 U	0.01 U		0.01 U														
Aroclor 1268	EPA 8082	0.01			0.01 U	0.01 U		0.01 U														
Total PCB	EPA 8082	0.01			0.018	0.01 U		0.01 U														
Inorganics (µg/L)																						
Cyanide (Total)	EPA 335.2	5			5 U	5 U		6	5 U	5 U	5 U	5 U			5 U	5 U	5 U	5 U				5 U
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5			5 U	5 U		5 U	5 U	5 U	5 U	5 U			5 U	5 U	5 U	5 U				5 U
Metals (Dissolved) (µg/L)																						
Aluminum	EPA 6010B	50			50 U	50 U	60	1400	50 U	50 U	100 U	50 U			50 U	100 U	50 U	50 U				50 U
Antimony	EPA 6010B	50			50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U			50 U	100 U	50 U	50 U				50 U
Arsenic	EPA 200.8	0.5			0.7	1	3.3	6.1	8.6	0.5 U	5 U	2.6			0.7	4	26	1.4				0.5 U
Barium	EPA 6010B	3			6	37	4	20	8	62	451	12			23	284	4	18				35
Beryllium	EPA 6010B	1			1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U			1 U	2 U	1 U	1 U				1 U
Cadmium	EPA 200.8	0.2			0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U				0.2 U
Calcium	EPA 6010B	50			9230	48100	2780	25200	20400	140000	418000	54200			36100	645000	14900	53900				68900
Chromium	EPA 200.8	0.5			1 U	2	4.4	5	1 U	1 U	5 U	1 U			1 U	3	1.1	1 U				1 U
Chromium(VI)	A3500D	11																				
Cobalt	EPA 6010B	3			3 U	3 U	3 U	3	3 U	3 U	6 U	3 U			3 U	6 U	3 U	3 U				3 U
Copper	EPA 200.8	0.5			0.5 U	1 U	0.5 U	2.7	0.7	0.6	6	0.6			0.5 U	8	0.8	1.3				0.5 U
Iron	EPA 6010B	50			6370	18700	18300	19100	11200	108000	94500	1750			15900	230000	12300	90				32100
Lead	EPA 200.8	1			1 U	2 U	1 U	1 U	1 U	1 U	10 U	1 U			1 U	5 U	1 U	1 U				1 U
Magnesium	EPA 6010B	50			6820	82100	2970	14500	18500	116000	873000	10000			37600	892000	7130	13200				89900
Manganese	EPA 6010B	1			451	495	233	420	221	3760	4210	83			974	5850	407	12				1070
Mercury	EPA 7470A	0.02			0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U	0.02 U	0.02 U	0.02 U				0.02 U
Molybdenum	EPA 6010B	5			10	12	5 U	13	10	16	50	5 U			11	20	8	6				13
Nickel	EPA 200.8	0.5			6.5	9	1.4	4.1	4.3	21.5	41	2.5			9.7	24	2.3	0.8				11.2
Selenium	EPA 6010B	50			50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U			50 U	100 U	50 U	50 U				50 U
Silver	EPA 200.8	0.2			0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U				0.2 U
Thallium	EPA 200.8	0.2			0.2 U	0.5 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U			0.2 U	1 U	0.2 U	0.2 U				0.2 U
Tin	EPA 6010B	10			10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U			10 U	20 U	10 U	10 U				10 U
Vanadium	EPA 6010B	3			3	3 U	34	11	8	3 U	6 U	3 U			3 U	6 U	14	3 U				3 U
Zinc	EPA 6010B	10			10 U	10	10 U	10 U	10 U	70	70	10 U			10	40	10 U	10 U				70
Petroleum Hydrocarbons (µg/L)																						
TPH - Gasoline Range	NWTPH-Gx	250			250 U	250 U						320 J			400 J	250 U		250 U				250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	250			250 U	250 U						250 U			250 U	250 U		250 U				250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500			500 U	500 U						500 U			500 U	500 U		500 U				500 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-035 61-65 2-40-DP-35-61-W-0 6/2/2008	2-40-DP-036 10-14 2-40-DP-36-10-W-0 7/1/2008	2-40-DP-037 10-14 2-40-DP-37-10-W-0 5/22/2008	2-40-DP-037 19-23 2-40-DP-37-19-W-0 5/23/2008	2-40-DP-037 25-29 2-40-DP-37-25-W-0 5/23/2008	2-40-DP-037 31-35 2-40-DP-37-31-W-0 5/23/2008	2-40-DP-037 41-45 2-40-DP-37-41-W-0 Dilution 5/23/2008	2-40-DP-037 41-45 2-40-DP-37-41-W-0 5/23/2008	2-40-DP-037 61-65 2-40-DP-37-61-W-0 Dilution 5/23/2008	2-40-DP-037 61-65 2-40-DP-37-61-W-0 5/23/2008	2-40-DP-038 10-14 2-40-DP-38-10-W-0 5/22/2008	2-40-DP-038 19-23 2-40-DP-38-19-W-0 5/22/2008	2-40-DP-038 25-29 2-40-DP-38-25-W-0 5/22/2008	2-40-DP-038 31-35 2-40-DP-38-31-W-0 5/22/2008	2-40-DP-038 41-45 2-40-DP-38-41-W-0 5/22/2008	2-40-DP-038 61-65 2-40-DP-38-61-W-0 Dilution 5/22/2008	2-40-DP-038 61-65 2-40-DP-38-61-W-0 5/22/2008	2-40-DP-039 10-14 2-40-DP-39-10-W-0 5/20/2008	2-40-DP-039 19-23 2-40-DP-39-19-W-0 5/20/2008
VOCs (µg/L)																					
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	10 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.2 U	0.6	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	7.9	0.2 U	0.2 U	0.2 U	0.3	0.2 U	6 U	1.8	0.2 U	0.2 U
Chloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	1.7	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15 UJ	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	3	3 U	3 U	3 U	3 UR	3 U	3 U	15 UR	3 U	50 U	3 U	3 U	3 U	3 U	3 U	3 U	90 UR	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	0.2	0.8	0.3	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.3	10 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.4	6 U	0.3	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	1.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.4	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	7.8	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6.6	3.7	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	78	55 ES	240	300 ES	0.2 U	0.2 U	0.2 U	0.2 U	2.3	650	150 ES	0.2 U	0.2 U
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U	12 UR	2.5 U	50 U	2.5 U	2.5 U	2.5 U	4.6	2.5 U	2.5 U	75 UR	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	1 U	30 U	1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.6	0.3	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6	6 U	0.2 U	0.9	0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 U	1 U	1 U	1 UR	1 U	1 U	5 UR	1 U	50 U	1 U	1 U	1 U	1 U	1 U	1 U	30 UR	1 U	1 U	1 U
Bromoform	EPA 8260B	0.2	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U	12 UR	2.5 U	50 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	75 UR	2.5 U	2.5 U	2.5 U
2-Hexanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	50 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	75 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2 U	0.4 U	10 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	12 U	0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5	5 UR	5 U	5 UR	5 UR	5 UR	5 UR	25 UR	5 UR	100 UJ	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	150 UR	5 UR	5 UR	5 UR
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	10 UJ	1 U	1 U	1 U	1 U	1 U	1 U	30 U	1 U	1 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 U	1 UJ	1 U	1 U	1 U	1 U	5 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	1 U	30 U	1 U	1 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 U	0.5 UJ	0.5 UJ	0.5 UR	0.5 UJ	0.5 UJ	2.5 UR	0.5 UJ	50 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	15 UR	0.5 UJ	0.5 UJ	0.5 UJ
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	50 U	1 U	1 U	1 U	1 U	1 U	1 U	30 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	1.9	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	10 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	6 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15 U	0.5 U	0.5 U	0.5 U
SVOCs and PCBs (µg/L)																					
Phenol	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
bis(2-Chloroethyl)ether	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
2-Chlorophenol	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
1,3-Dichlorobenzene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
1,4-Dichlorobenzene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Benzyl Alcohol	EPA 8270D	5		5 UJ	5 U					5 U		5 U	5 U							5 U	
1,2-Dichlorobenzene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
2-Methylphenol	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
4-Methylphenol	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
N-Nitroso-Di-N-Propylamine	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
Hexachloroethane	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Nitrobenzene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Isophorone	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
2-Nitrophenol	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
2,4-Dimethylphenol	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Benzoic Acid	EPA 8270D	10		10 U	10 U					10 U		10 U	10 U							10 U	
bis(2-Chloroethoxy)methane	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
2,4-Dichlorophenol	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
1,2,4-Trichlorobenzene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Naphthalene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
4-Chloroaniline	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
Hexachlorobutadiene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
4-Chloro-3-methylphenol	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
2-Methylnaphthalene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Hexachlorocyclopentadiene	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
2,4,6-Trichlorophenol	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
2,4,5-Trichlorophenol	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
2-Chloronaphthalene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
2-Nitroaniline	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
Dimethylphthalate	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Acenaphthylene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
3-Nitroaniline	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
Acenaphthene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
2,4-Dinitrophenol	EPA 8270D	10		10 UJ	10 U					10 U		10 U	10 U							10 U	

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-035 61-65 2-40-DP-35-61-W-0 6/2/2008	2-40-DP-036 10-14 2-40-DP-36-10-W-0 7/1/2008	2-40-DP-037 10-14 2-40-DP-37-10-W-0 5/22/2008	2-40-DP-037 19-23 2-40-DP-37-19-W-0 5/23/2008	2-40-DP-037 25-29 2-40-DP-37-25-W-0 5/23/2008	2-40-DP-037 31-35 2-40-DP-37-31-W-0 5/23/2008	2-40-DP-037 41-45 2-40-DP-37-41-W-0 Dilution 5/23/2008	2-40-DP-037 41-45 2-40-DP-37-41-W-0 5/23/2008	2-40-DP-037 61-65 2-40-DP-37-61-W-0 Dilution 5/23/2008	2-40-DP-037 61-65 2-40-DP-37-61-W-0 5/23/2008	2-40-DP-038 10-14 2-40-DP-38-10-W-0 5/22/2008	2-40-DP-038 19-23 2-40-DP-38-19-W-0 5/22/2008	2-40-DP-038 25-29 2-40-DP-38-25-W-0 5/22/2008	2-40-DP-038 31-35 2-40-DP-38-31-W-0 5/22/2008	2-40-DP-038 41-45 2-40-DP-38-41-W-0 5/22/2008	2-40-DP-038 61-65 2-40-DP-38-61-W-0 Dilution 5/22/2008	2-40-DP-038 61-65 2-40-DP-38-61-W-0 5/22/2008	2-40-DP-039 10-14 2-40-DP-39-10-W-0 5/20/2008	2-40-DP-039 19-23 2-40-DP-39-19-W-0 5/20/2008
4-Nitrophenol	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
Dibenzofuran	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
2,6-Dinitrotoluene	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
2,4-Dinitrotoluene	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
Diethylphthalate	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
4-Chlorophenyl-phenylether	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Fluorene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
4-Nitroaniline	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
4,6-Dinitro-2-Methylphenol	EPA 8270D	10		10 U	10 U					10 U		10 U	10 U							10 U	
N-Nitrosodiphenylamine	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
4-Bromophenyl-phenylether	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Hexachlorobenzene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Pentachlorophenol	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
Phenanthrene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Carbazole	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Anthracene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Di-n-Butylphthalate	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Fluoranthene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Pyrene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Butylbenzylphthalate	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
3,3'-Dichlorobenzidine	EPA 8270D	5		5 U	5 U					5 U		5 U	5 U							5 U	
Benzo(a)anthracene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D	1		1.4	1 U					1 U		1 U	1 U							1 U	
Chrysene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Di-n-octylphthalate	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Benzo(b)fluoranthene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Benzo(k)fluoranthene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Benzo(a)pyrene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Dibenz(a,h)anthracene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Benzo(g,h,i)perylene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
1-Methylnaphthalene	EPA 8270D	1		1 U	1 U					1 U		1 U	1 U							1 U	
Naphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
2-Methylnaphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
1-Methylnaphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Acenaphthylene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Acenaphthene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Fluorene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Phenanthrene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Benzo(a)anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Chrysene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Benzo(b)fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Benzo(k)fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Benzo(a)pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Dibenzofuran	EPA 8270DSIM	0.1		0.1 U	0.1 U					0.1 U		0.1 U	0.1 U							0.1 U	
Aroclor 1016	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Aroclor 1242	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Aroclor 1248	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Aroclor 1254	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Aroclor 1260	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Aroclor 1221	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Aroclor 1232	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Aroclor 1262	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Aroclor 1268	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Total PCB	EPA 8082	0.01			0.01 U					0.01 U		0.01 U									
Inorganics (µg/L)																					
Cyanide (Total)	EPA 335.2	5	5 U	10																	
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5	5 U	5 U																	
Metals (Dissolved) (µg/L)																					
Aluminum	EPA 6010B	50	250 U	100	50 U					250		100 U	50 U				100 U		100 U	50 U	
Antimony	EPA 6010B	50	250 U	50 U	50 U					100 U		100 U	50 U				100 U		100 U	50 U	
Arsenic	EPA 200.8	0.5	2	7.5	2.8					5 U		5 U	1.6				5 U		5 U	1	
Barium	EPA 6010B	3	260	12	7					285		453	6				305		231	3 U	
Beryllium	EPA 6010B	1	5 U	1 U	1 U					2 U		2 U	1 U				2 U		2 U	1 U	
Cadmium	EPA 200.8	0.2	2 U	0.2 U	0.2 U					2 U		2 U	0.2 U				2 U		2 U	0.2 U	
Calcium	EPA 6010B	50	413000	7920	10400					405000		478000	9090				424000		399000	6910	
Chromium	EPA 200.8	0.5	5 U	9	1 U					5		5 U	1 U				10 U		10 U	0.5 U	
Chromium(VI)	A3500D	11																			
Cobalt	EPA 6010B	3	20 U	3 U	3 U					6 U		6 U	3 U				6 U		6 U	3 U	
Copper	EPA 200.8	0.5	7	0.6	4.2					10		5 U	5.2				6		8	1.4	
Iron	EPA 6010B	50	48700	12300	70					136000		83900	50 U				101000		69000	50	
Lead	EPA 200.8	1	10 U	1 U	1 U					10 U		10 U	1 U				10 U		10 U	1 U	
Magnesium	EPA 6010B	50	1000000	7030	15600					916000		896000	17700				789000		942000	19700	
Manganese	EPA 6010B	1	1080	393	19					4920		3540	13				5040		2390	16	
Mercury	EPA 7470A	0.02	0.02 U	0.02 U	0.02 U					0.02 U		0.02 U	0.02 U				0.02 U		0.02 U	0.02 U	
Molybdenum	EPA 6010B	5	40	5 U	7					20		20	5 U				30		30	5	
Nickel	EPA 200.8	0.5	27	1.5	1.9					23		22	1.7				41		28	1.1	
Selenium	EPA 6010B	50	250 U	50 U	50 U					100 U		100 U	50 U				100 U		100 U	50 U	
Silver	EPA 200.8	0.2	2 U	0.2 U	0.2 U					2 U		2 U	0.2 U				2 U		2 U	0.2 U	
Thallium	EPA 200.8	0.2	2 U	0.2 U	0.2 U					2 U		2 U	0.2 U				2 U		2 U	0.2 U	
Tin	EPA 6010B	10	50 U	10 U	10 U					20 U		20 U	10 U				20 U		20 U	10 U	
Vanadium	EPA 6010B	3	20 U	49	18					6 U		6 U	5				6 U		6 U	3 U	
Zinc	EPA 6010B	10	50 U	10 U	10 U					50		40	10 U				170		50	10 U	
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	250	250 U										250 U				250 U		250 U	250 U	
TPH - Diesel Range	NWTPH-Dx-Cleaned	250	250 U										250 U				250 U		250 U	250 U	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500	500 U										500 U				500 U		500 U	500 U	

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-039 25-29 2-40-DP-39-25-W-0 5/20/2008	2-40-DP-039 31-35 2-40-DP-39-31-W-0 5/21/2008	2-40-DP-039 41-45 2-40-DP-39-41-W-0 5/21/2008	2-40-DP-039 61-65 2-40-DP-39-61-W-0 5/21/2008	2-40-DP-039 61-65 2-40-DP-39-61-W-0 Dilution 5/21/2008	2-40-DP-040 10-14 2-40-DP-40-14-W-0 5/16/2008	2-40-DP-040 19-23 2-40-DP-40-19-W-0 5/19/2008	2-40-DP-040 25-29 2-40-DP-40-25-W-0 5/19/2008	2-40-DP-040 31-35 2-40-DP-40-31-W-0 5/19/2008	2-40-DP-040 41-45 2-40-DP-40-41-W-0 5/20/2008	2-40-DP-040 61-65 2-40-DP-40-61-W-0 5/20/2008	2-40-DP-041 10-14 2-40-DP-41-10-W-0 5/14/2008	2-40-DP-041 10-14 2-40-DP-41-10-W-0 Dilution 5/14/2008	2-40-DP-041 19-23 2-40-DP-41-19-W-0 5/15/2008	2-40-DP-041 25-29 2-40-DP-41-25-W-0 5/15/2008	2-40-DP-041 31-35 2-40-DP-41-31-W-0 5/15/2008	2-40-DP-041 41-45 2-40-DP-41-41-W-0 5/15/2008	2-40-DP-041 61-65 2-40-DP-41-61-W-0 5/15/2008	2-40-DP-042 10-14 2-40-DP-42-10-W-0 5/13/2008
VOCs (µg/L)																					
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	13	0.3	0.2 U	0.2 U	1 U	0.2 U	1.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	13	0.4	0.2 U	0.2 U	0.3	0.2 U
Chloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.6	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	3	3 U	3 U	3 U	3 U	15 UR	3 UR	3 UR	3 UR	3 UR	3 U	3 U	3 UR	9 UR	3 U	3 U	3 U	3 U	3 U	3 UR
Carbon Disulfide	EPA 8260B	0.2	0.2 U	0.2 U	0.5	0.3	1 U	0.2 U	0.2 U	0.2 U	0.3	0.3	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2	1	1.2	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	1.5	1.9	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	2	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2	0.7	31 E	35	0.9	1.6	0.2 U	0.2 U	1.1	3.6	2.3	2.3	6.8	0.2 U	0.2 U	0.4	3.3	0.2 U
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	12 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 UR	7.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2	0.2 U	1 U	3.7	0.3	0.2 U	0.2 U	0.2 U	0.2 U	31 E	32	4.9	0.2 U	0.2	0.7	0.3	0.6
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 U	1 U	1 U	1 U	5 UR	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	12 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 UR	7.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR
2-Hexanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 UR	7.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U	0.4 U	2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1.2 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5	5 UR	5 UR	5 UR	5 UR	25 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	15 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 U	1 U	1 U	1 U	5 U	1 UR	1 UR	1 UR	1 UR	1 U	1 U	1 UR	3 UR	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	2.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UJ	0.5 UJ	0.5 UR	1.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UR
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs and PCBs (µg/L)																					
Phenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
bis(2-Chloroethyl)ether	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2-Chlorophenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
1,3-Dichlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
1,4-Dichlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzyl Alcohol	EPA 8270D	5						5 UJ				5 U	5 U	5 UJ							5 UJ
1,2-Dichlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2-Methylphenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Methylphenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Hexachloroethane	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Nitrobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Isophorone	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2-Nitrophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2,4-Dimethylphenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzoic Acid	EPA 8270D	10						10 U				10 U	10 U	10 U							10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2,4-Dichlorophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
1,2,4-Trichlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Naphthalene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Chloroaniline	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Hexachlorobutadiene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Chloro-3-methylphenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2-Methylnaphthalene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Hexachlorocyclopentadiene	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2,4,6-Trichlorophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2,4,5-Trichlorophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2-Chloronaphthalene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2-Nitroaniline	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Dimethylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Acenaphthylene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
3-Nitroaniline	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Acenaphthene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2,4-Dinitrophenol	EPA 8270D	10						10 U				10 U	10 U	10 U							10 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-039 25-29 2-40-DP-39-25-W-0 5/20/2008	2-40-DP-039 31-35 2-40-DP-39-31-W-0 5/21/2008	2-40-DP-039 41-45 2-40-DP-39-41-W-0 5/21/2008	2-40-DP-039 61-65 2-40-DP-39-61-W-0 5/21/2008	2-40-DP-039 61-65 2-40-DP-39-61-W-0 Dilution 5/21/2008	2-40-DP-040 10-14 2-40-DP-40-14-W-0 5/16/2008	2-40-DP-040 19-23 2-40-DP-40-19-W-0 5/19/2008	2-40-DP-040 25-29 2-40-DP-40-25-W-0 5/19/2008	2-40-DP-040 31-35 2-40-DP-40-31-W-0 5/19/2008	2-40-DP-040 41-45 2-40-DP-40-41-W-0 5/20/2008	2-40-DP-040 61-65 2-40-DP-40-61-W-0 5/20/2008	2-40-DP-041 10-14 2-40-DP-41-10-W-0 5/14/2008	2-40-DP-041 10-14 2-40-DP-41-10-W-0 Dilution 5/14/2008	2-40-DP-041 19-23 2-40-DP-41-19-W-0 5/15/2008	2-40-DP-041 25-29 2-40-DP-41-25-W-0 5/15/2008	2-40-DP-041 31-35 2-40-DP-41-31-W-0 5/15/2008	2-40-DP-041 41-45 2-40-DP-41-41-W-0 5/15/2008	2-40-DP-041 61-65 2-40-DP-41-61-W-0 5/15/2008	2-40-DP-042 10-14 2-40-DP-42-10-W-0 5/13/2008
4-Nitrophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Dibenzofuran	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2,6-Dinitrotoluene	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2,4-Dinitrotoluene	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Diethylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Chlorophenyl-phenylether	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Fluorene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Nitroaniline	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10						10 U				10 U	10 U	10 U							10 U
N-Nitrosodiphenylamine	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Bromophenyl-phenylether	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Hexachlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Pentachlorophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Phenanthrene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Carbazole	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Anthracene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Di-n-Butylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Fluoranthene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Pyrene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Butylbenzylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
3,3'-Dichlorobenzidine	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Benzo(a)anthracene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Chrysene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Di-n-octylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzo(b)fluoranthene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzo(k)fluoranthene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzo(a)pyrene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Dibenz(a,h)anthracene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzo(g,h,i)perylene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
1-Methylnaphthalene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Naphthalene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Acenaphthylene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Acenaphthene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Fluorene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Phenanthrene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Anthracene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Fluoranthene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Pyrene	EPA 8270DSIM	0.1						0.1 U				0.27	0.1 U	0.1 U							0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Chrysene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Dibenzofuran	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Aroclor 1016	EPA 8082	0.01						0.01 UJ				0.01 U	0.01 U								
Aroclor 1242	EPA 8082	0.01						0.01 UJ				0.01 U	0.01 U								
Aroclor 1248	EPA 8082	0.01						0.01 UJ				0.01 U	0.01 U								
Aroclor 1254	EPA 8082	0.01						0.01 UJ				0.01 U	0.01 U								
Aroclor 1260	EPA 8082	0.01						0.01 UJ				0.01 U	0.02								
Aroclor 1221	EPA 8082	0.01						0.01 UJ				0.01 U	0.01 U								
Aroclor 1232	EPA 8082	0.01						0.01 UJ				0.01 U	0.01 U								
Aroclor 1262	EPA 8082	0.01						0.01 UJ				0.01 U	0.01 U								
Aroclor 1268	EPA 8082	0.01						0.01 UJ				0.01 U	0.01 U								
Total PCB	EPA 8082	0.01						0.01 UJ				0.01 U	0.02								
Inorganics (µg/L)																					
Cyanide (Total)	EPA 335.2	5																			
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5																			
Metals (Dissolved) (µg/L)																					
Aluminum	EPA 6010B	50			250 U	250 U		50 U				100 U	100 U	50 U				1410	1030	100 U
Antimony	EPA 6010B	50			250 U	250 U		50 U				100 U	100 U	50 U				100 U	100 U	100 U
Arsenic	EPA 200.8	0.5			5	5 U		0.7				5 U	5	2.2				2 U	2 U	0.7
Barium	EPA 6010B	3			280	230		21				331	203	5				259	270	6 U
Beryllium	EPA 6010B	1			5 U	5 U		1 U				2 U	2 U	1 U				2 U	2 U	2 U
Cadmium	EPA 200.8	0.2			2 U	2 U		0.2 U				2 U	2 U	0.2 U				1 U	1 U	0.2 U
Calcium	EPA 6010B	50			413000	355000		28600				473000	346000	17800				401000	399000	10600
Chromium	EPA 200.8	0.5			5 U	5 U		1.6				5 U	5 U	0.8				11	9	0.5 U
Chromium(VI)	A3500D	11																			
Cobalt	EPA 6010B	3			20 U	20 U		3 U				6 U	6 U	3 U				6 U	6 U	6 U
Copper	EPA 200.8	0.5			7	7		2.8				7	9	1.4				12	13	2
Iron	EPA 6010B	50			105000	58700		50 U				111000	64100	60				61300	75600	100 U
Lead	EPA 200.8	1			10 U	10 U		1 U				10 U	10 U	1 U				5 U	5 U	1 U
Magnesium	EPA 6010B	50			847000	965000		63900				876000	957000	28800				837000	935000	34500
Manganese	EPA 6010B	1			4630	2180		4				7470	1960	5				2820	2830	19
Mercury	EPA 7470A	0.02			0.02 U	0.02 U		0.02 U				0.02 U	0.02 U	0.02 U				0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5			20 U	20 U		8				20	30	6				30	40	10 U
Nickel	EPA 200.8	0.5			26	21		1.6				31	26	0.9				49	34	1.4
Selenium	EPA 6010B	50			250 U	250 U		50 U				100 U	100 U	50 U				100 U	100 U	100 U
Silver	EPA 200.8	0.2			2 U	2 U		0.2 U				2 U	2 U	0.2 U				1 U	1 U	0.2 U
Thallium	EPA 200.8	0.2			2 U	2 U		0.2 U				2 U	2 U	0.2 U				1 U	1 U	0.2 U
Tin	EPA 6010B	10			50 U	50 U		10 U				20 U	20 U	10 U				20 U	20 U	20 U
Vanadium	EPA 6010B	3			20 U	20 U		5				6 U	6 U	3 U				7	6 U	6 U
Zinc	EPA 6010B	10			50 U	50 U		10 U				130	110	10 U				170	160	20 U
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	250			250 U	250 U		250 U				250 U	250 U								
TPH - Diesel Range	NWTPH-Dx-Cleaned	250			250 U	250 U		250 U				250 U	250 U								
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500			500 U	500 U		500 U				500 U	500 U								

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-042 19-23 2-40-DP-42-19-W-0 5/14/2008	2-40-DP-042 25-29 2-40-DP-42-25-W-0 5/14/2008	2-40-DP-042 31-35 2-40-DP-42-31-W-0 5/14/2008	2-40-DP-042 41-45 2-40-DP-42-41-W-0 5/13/2008	2-40-DP-042 61-65 2-40-DP-42-61-W-0 5/13/2008	2-40-DP-043 10-14 2-40-DP-43-10-W-0 5/12/2008	2-40-DP-043 19-23 2-40-DP-43-19-W-0 5/12/2008	2-40-DP-043 25-29 2-40-DP-43-25-W-0 5/12/2008	2-40-DP-043 31-35 2-40-DP-43-31-W-0 5/13/2008	2-40-DP-043 41-45 2-40-DP-43-41-W-0 5/12/2008	2-40-DP-043 61-65 2-40-DP-43-61-W-0 5/12/2008	2-40-DP-044 10-14 2-40-DP-44-W-10-0 12/16/2008	2-40-DP-044 19-23 2-40-DP-44-W-19-0 12/16/2008	2-40-DP-044 25-29 2-40-DP-44-W-25-0 12/16/2008	2-40-DP-044 31-35 2-40-DP-44-31-W-0 12/17/2008	2-40-DP-044 31-35 2-40-DP-44-31-W-0 Reanalysis 12/17/2008	2-40-DP-044 41-45 2-40-DP-44-41-W-0 12/17/2008	2-40-DP-044 61-65 2-40-DP-44-61-W-0 12/17/2008	2-40-DP-045 10-14 2-40-DP-45-10-W-0 5/27/2008
VOCs (µg/L)																					
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 UJ	0.3 J	0.2 UJ	0.2 U	0.2 U	0.2	0.2 U	0.3	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 UJ	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.2 U	0.2	0.3	0.2 U	0.2 U	0.2 U	0.2	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 UJ
Acetone	EPA 8260B	3	3 UR	3 UR	3 UR	3.6	3.6	3 U	3 UR	3 UR	3 J	3 U	3 U	3	4.1 U	4.8 U	3 U	5 U	3 U	3.9 U	3 UR
Carbon Disulfide	EPA 8260B	0.2	0.4	0.2 U	0.2 U	0.7	0.6	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.3	0.2	0.2 U	0.6	0.5	1 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	5.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.5	7.6	6.5	0.2 U	0.5	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.3	0.2 U	0.2 U	0.5	3.7	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.7	1	0.2 U	0.8	92 E	65	0.6	2.8	0.2 U
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	5 U	2.5 UR	2.5 UR	2.5 UR
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.8	0.3	0.7	0.3	1 U	0.2 U	0.3
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 U	1 U	1 U	1 UR	1 UR	1 UR	1 U	1 U	1 U	1 UR	1 UR	1 UR	1 UR	1 UR	1 UR	5 U	1 UR	1 UR	1 UR
Bromoform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	5 U	2.5 UR	2.5 UR	2.5 UR
2-Hexanone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	5 U	2.5 UJ	2.5 UJ	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	2 U	0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	10 UR	5 UR	5 UR	5 UR
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 UR	1 UR	1 UR	1 U	1 UR	1 UR	1 UR	1 UR	1 U	1 UR	1 UR	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UR	0.5 UR	0.5 UR	0.5 U	0.5 U	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 UR
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7 J	0.5 UJ	0.7 J	0.5 UJ	5 U	0.5 UJ	0.5 UJ	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U
SVOCs and PCBs (µg/L)																					
Phenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
bis(2-Chloroethyl)ether	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2-Chlorophenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
1,3-Dichlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
1,4-Dichlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzyl Alcohol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
1,2-Dichlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2-Methylphenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Methylphenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Hexachloroethane	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Nitrobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Isophorone	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2-Nitrophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2,4-Dimethylphenol	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzoic Acid	EPA 8270D	10						10 U				10 U	10 U	10 U							10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2,4-Dichlorophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
1,2,4-Trichlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Naphthalene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Chloroaniline	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Hexachlorobutadiene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Chloro-3-methylphenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2-Methylnaphthalene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Hexachlorocyclopentadiene	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2,4,6-Trichlorophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2,4,5-Trichlorophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2-Chloronaphthalene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2-Nitroaniline	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Dimethylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Acenaphthylene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
3-Nitroaniline	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Acenaphthene	EPA 8270D	1						1 U				1 U	1 U	5.6							1 U
2,4-Dinitrophenol	EPA 8270D	10						10 U				10 U	10 U	10 UJ							10 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-042 19-23 2-40-DP-42-19-W-0 5/14/2008	2-40-DP-042 25-29 2-40-DP-42-25-W-0 5/14/2008	2-40-DP-042 31-35 2-40-DP-42-31-W-0 5/14/2008	2-40-DP-042 41-45 2-40-DP-42-41-W-0 5/13/2008	2-40-DP-042 61-65 2-40-DP-42-61-W-0 5/13/2008	2-40-DP-043 10-14 2-40-DP-43-10-W-0 5/12/2008	2-40-DP-043 19-23 2-40-DP-43-19-W-0 5/12/2008	2-40-DP-043 25-29 2-40-DP-43-25-W-0 5/12/2008	2-40-DP-043 31-35 2-40-DP-43-31-W-0 5/13/2008	2-40-DP-043 41-45 2-40-DP-43-41-W-0 5/12/2008	2-40-DP-043 61-65 2-40-DP-43-61-W-0 5/12/2008	2-40-DP-044 10-14 2-40-DP-44-W-10-0 12/16/2008	2-40-DP-044 19-23 2-40-DP-44-W-19-0 12/16/2008	2-40-DP-044 25-29 2-40-DP-44-W-25-0 12/16/2008	2-40-DP-044 31-35 2-40-DP-44-31-W-0 12/17/2008	2-40-DP-044 31-35 2-40-DP-44-31-W-0 Reanalysis 12/17/2008	2-40-DP-044 41-45 2-40-DP-44-41-W-0 12/17/2008	2-40-DP-044 61-65 2-40-DP-44-61-W-0 12/17/2008	2-40-DP-045 10-14 2-40-DP-45-10-W-0 5/27/2008
4-Nitrophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Dibenzofuran	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
2,6-Dinitrotoluene	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
2,4-Dinitrotoluene	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Diethylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Chlorophenyl-phenylether	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Fluorene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
4-Nitroaniline	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10						10 U				10 U	10 U	10 U							10 U
N-Nitrosodiphenylamine	EPA 8270D	1						1 U				1 U	1 U	1 UJ							1 U
4-Bromophenyl-phenylether	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Hexachlorobenzene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Pentachlorophenol	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Phenanthrene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Carbazole	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Anthracene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Di-n-Butylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Fluoranthene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Pyrene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Butylbenzylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
3,3'-Dichlorobenzidine	EPA 8270D	5						5 U				5 U	5 U	5 U							5 U
Benzo(a)anthracene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1						1 U				1 U	1 U	13 U							1 U
Chrysene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Di-n-octylphthalate	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzo(b)fluoranthene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzo(k)fluoranthene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzo(a)pyrene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Dibenz(a,h)anthracene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Benzo(g,h,i)perylene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
1-Methylnaphthalene	EPA 8270D	1						1 U				1 U	1 U	1 U							1 U
Naphthalene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.35							0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.18							0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1							0.1 U
Acenaphthylene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Acenaphthene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	5.6							0.1 U
Fluorene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Phenanthrene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.26							0.1 U
Anthracene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Fluoranthene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.36							0.1 U
Pyrene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.82							0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Chrysene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.1 U							0.1 U
Dibenzofuran	EPA 8270DSIM	0.1						0.1 U				0.1 U	0.1 U	0.11							0.1 U
Aroclor 1016	EPA 8082	0.01						0.01 U				0.01 U	0.01 U								
Aroclor 1242	EPA 8082	0.01						0.01 U				0.01 U	0.01 U								
Aroclor 1248	EPA 8082	0.01						0.01 U				0.01 U	0.01 U								
Aroclor 1254	EPA 8082	0.01						0.01 U				0.01 U	0.01 U								
Aroclor 1260	EPA 8082	0.01						0.01 U				0.013	0.01 U								
Aroclor 1221	EPA 8082	0.01						0.01 U				0.01 U	0.01 U								
Aroclor 1232	EPA 8082	0.01						0.01 U				0.01 U	0.01 U								
Aroclor 1262	EPA 8082	0.01						0.01 U				0.01 U	0.01 U								
Aroclor 1268	EPA 8082	0.01						0.01 U				0.01 U	0.01 U								
Total PCB	EPA 8082	0.01						0.01 U				0.013	0.01 U								
Inorganics (µg/L)																					
Cyanide (Total)	EPA 335.2	5																			
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5																			
Metals (Dissolved) (µg/L)																					
Aluminum	EPA 6010B	50				100 U	250 U	50 U				100 U	250 U	50 U					100 U	100 U	50 U
Antimony	EPA 6010B	50				100 U	250 U	50 U				100 U	250 U	50 U					100 U	100 U	50 U
Arsenic	EPA 200.8	0.5				2 U	5 U	1.4				2 U	5 U	0.5 U					5 U	5 U	3.6
Barium	EPA 6010B	3				197	250	16				165	230	9					161	255	6
Beryllium	EPA 6010B	1				2 U	5 U	1 U				2 U	5 U	1 U					2 U	2 U	1 U
Cadmium	EPA 200.8	0.2				1 U	2 U	0.2 U				1 U	2 U	0.2 U					2 U	2 U	0.2 U
Calcium	EPA 6010B	50				392000	371000	29700				165000	345000	33900					310000	255000	12100
Chromium	EPA 200.8	0.5				2 U	5 U	0.6				2 U	5 U	1					5 U	5 U	1 U
Chromium(VI)	A3500D	11																			
Cobalt	EPA 6010B	3				6 U	20 U	3 U				6 U	20 U	3 U					6 U	6 U	3 U
Copper	EPA 200.8	0.5				6	7	4.1				3	6	0.8					10	8	5.6
Iron	EPA 6010B	50				84800	45200	50 U				15700	37600	1250					20300	32800	50 U
Lead	EPA 200.8	1				5 U	10 U	1 U				5 U	10 U	1 U					10 U	10 U	1 U
Magnesium	EPA 6010B	50				739000	961000	51800				437000	967000	74000					956000	759000	22200
Manganese	EPA 6010B	1				2460	1880	1 U				755	1150	55					535	1050	7
Mercury	EPA 7470A	0.02				0.02 U	0.02 U	0.02 U				0.02 U	0.02 U	0.02 U					0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5				30	50	8				20	40	12					40	40	6
Nickel	EPA 200.8	0.5				29	27	1.4				13	16	2.2					20	14	2
Selenium	EPA 6010B	50				100 U	250 U	50 U				100 U	250 U	50 U					100 U	100 U	50 U
Silver	EPA 200.8	0.2				1 U	2 U	0.2 U				1 U	2 U	0.2 U					2 U	2 U	0.2 U
Thallium	EPA 200.8	0.2				1 U	2 U	0.2 U				1 U	2 U	0.2 U					2 U	2 U	0.2 U
Tin	EPA 6010B	10				20 U	50 U	10 U				20 U	50 U	10 U					20 U	20 U	10 U
Vanadium	EPA 6010B	3				6 U	20 U	6				6 U	20 U	18					6 U	6 U	34
Zinc	EPA 6010B	10				190	100	10 U				80	50 U	10 U					20 U	20 U	10 U
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	250																			
TPH - Diesel Range	NWTPH-Dx-Cleaned	250																			
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500																			

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-045 19-23 2-40-DP-45-19-W-0 5/27/20082	2-40-DP-045 25-29 2-40-DP-45-25-W-0 5/27/2008	2-40-DP-045 31-35 2-40-DP-45-31-W-0 5/27/2008	2-40-DP-045 41-45 2-40-DP-45-41-W-0 5/27/2008	2-40-DP-045 61-65 2-40-DP-45-61-W-0 5/27/2008	2-40-DP-046 10-14 2-40-DP-46-10-W-0 6/9/2008	2-40-DP-047 10-14 2-40-DP-47-10-W-0 6/25/2008	2-40-DP-048 10-14 2-40-DP-48-10-W-0 7/1/2008	2-40-DP-049 10-14 2-40-DP-49-10-W-0 6/27/2008	2-40-DP-050 10-14 2-40-DP-50-10-W-0 6/18/2008	2-40-DP-051 10-14 2-40-DP-51-10-W-0 6/3/2008	2-40-DP-052 10-14 2-40-DP-52-10-W-0 7/2/2008	2-40-DP-053 10-14 2-40-DP-53-10-W-0 6/9/2008	2-40-DP-054 10-14 2-40-DP-54-10-W-0 6/6/2008	2-40-DP-054 10-14 2-40-DP-54-10-W-0 Reextract 6/6/2008	2-40-DP-055 12-16 2-40-DP-55-12-W-0 7/7/2008	2-40-DP-056 10-14 2-40-DP-56-10-W-0 6/4/2008	2-40-DP-056 10-14 2-40-DP-56-10-W-0 Dilution 6/4/2008	2-40-DP-057 10-14 2-40-DP-57-10-W-0 6/5/2008
VOCs (µg/L)																					
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	1.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.2 U	0.2	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	0.4	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2		0.2 U	1.8	1.3	0.4
Chloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	1.5 U	0.5 U
Acetone	EPA 8260B	3	3 UR	3 UR	3 UR	6.3 J	4.4 J	5.6	3 U	3 U	3.3	3.3 UR	3 U	3.5 U	3 U	3 U		3 U	3 U	9 U	3 U
Carbon Disulfide	EPA 8260B	0.2	0.2 U	0.3	0.2 U	0.4	0.2	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2		0.2 U	0.2 U	0.6 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	1	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.4	0.2 U	0.2 U	8.6	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.2 U	0.2 U	0.2 U		0.2 U	12	5.7	0.2 U
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UJ	2.5 UR	5 U	2.5 UR	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U		2.5 U	2.5 UR	7.5 UR	2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	3 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	1.3	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	30 E	18	0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 UR	1 UR	1 UR	1 UR	1 UR	5 U	1 UR	1 U	1 U	1 UR	1 UR	1 U	1 U	1 U		1 U	1 UR	3 UR	1 U
Bromoform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ		0.2 U	0.2 UJ	0.6 UJ	0.2 UJ
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 UR	5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U		2.5 U	2.5 UR	7.5 UR	2.5 U
2-Hexanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	7.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ		0.2 U	0.2 U	0.6 U	0.2 UJ
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	1.2 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ		0.2 U	0.2 U	0.6 U	0.2 UJ
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Acrolein	EPA 8260B	5	5 UR	5 UR	5 UR	5 UR	5 UR	10 UR	5 UR	5 U	5 UR	5 UR	5 UR	5 U	5 UR	5 UR		5 UR	5 UR	15 UR	5 UR
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	3 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	5 UJ	1 U	1 UJ	1 U	1 UR	1 U	1 UJ	1 U	1 U		1 UJ	1 U	3 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UR	0.5 UR	0.5 UR	0.5 UR	0.5 UR	5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UR	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	0.5 UJ	1.5 UJ	0.5 UJ
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U	0.5 U	1.5 U	0.5 UJ
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U	1 U	1 U	5 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	3 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 UJ	0.5 U	1.5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.6 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	1.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U		0.5 U	0.5 UJ	1.5 UJ	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	1.5 U	0.5 U
SVOCs and PCBs (µg/L)																					
Phenol	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
bis(2-Chloroethyl)ether	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2-Chlorophenol	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,3-Dichlorobenzene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
1,4-Dichlorobenzene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzyl Alcohol	EPA 8270D	5						5 UJ	5 U	5 UJ	5 U	5 UJ	5 U	5 U	5 UJ	5 UJ		5 U	5 UJ		5 UJ
1,2-Dichlorobenzene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2-Methylphenol	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1						1 UJ	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 UJ	1 UJ		1 U	1 UJ		1 UJ
4-Methylphenol	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Hexachloroethane	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Nitrobenzene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Isophorone	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2-Nitrophenol	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
2,4-Dimethylphenol	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzoic Acid	EPA 8270D	10						10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U		10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2,4-Dichlorophenol	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
1,2,4-Trichlorobenzene	EPA 8270D	1						1 U	1 U	1 U	1 U	2.8	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Naphthalene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Chloroaniline	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Hexachlorobutadiene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Chloro-3-methylphenol	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
2-Methylnaphthalene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Hexachlorocyclopentadiene	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
2,4,6-Trichlorophenol	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
2,4,5-Trichlorophenol	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
2-Chloronaphthalene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2-Nitroaniline	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Dimethylphthalate	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Acenaphthylene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
3-Nitroaniline	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Acenaphthene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2,4-Dinitrophenol	EPA 8270D	10						10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 U	10 UJ	10 UJ	10 UJ		10 UJ	10 UJ		10 UJ

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-045 19-23 2-40-DP-45-19-W-0 5/27/20082	2-40-DP-045 25-29 2-40-DP-45-25-W-0 5/27/2008	2-40-DP-045 31-35 2-40-DP-45-31-W-0 5/27/2008	2-40-DP-045 41-45 2-40-DP-45-41-W-0 5/27/2008	2-40-DP-045 61-65 2-40-DP-45-61-W-0 5/27/2008	2-40-DP-046 10-14 2-40-DP-46-10-W-0 6/9/2008	2-40-DP-047 10-14 2-40-DP-47-10-W-0 6/25/2008	2-40-DP-048 10-14 2-40-DP-48-10-W-0 7/1/2008	2-40-DP-049 10-14 2-40-DP-49-10-W-0 6/27/2008	2-40-DP-050 10-14 2-40-DP-50-10-W-0 6/18/2008	2-40-DP-051 10-14 2-40-DP-51-10-W-0 6/3/2008	2-40-DP-052 10-14 2-40-DP-52-10-W-0 7/2/2008	2-40-DP-053 10-14 2-40-DP-53-10-W-0 6/9/2008	2-40-DP-054 10-14 2-40-DP-54-10-W-0 6/6/2008	2-40-DP-054 10-14 2-40-DP-54-10-W-0 Reextract 6/6/2008	2-40-DP-055 12-16 2-40-DP-55-12-W-0 7/7/2008	2-40-DP-056 10-14 2-40-DP-56-10-W-0 6/4/2008	2-40-DP-056 10-14 2-40-DP-56-10-W-0 Dilution 6/4/2008	2-40-DP-057 10-14 2-40-DP-57-10-W-0 6/5/2008
4-Nitrophenol	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Dibenzofuran	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
2,6-Dinitrotoluene	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
2,4-Dinitrotoluene	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Diethylphthalate	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Chlorophenyl-phenylether	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Fluorene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Nitroaniline	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10						10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U		10 U
N-Nitrosodiphenylamine	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
4-Bromophenyl-phenylether	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Hexachlorobenzene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Pentachlorophenol	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Phenanthrene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Carbazole	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Anthracene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Di-n-Butylphthalate	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Fluoranthene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Pyrene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Butylbenzylphthalate	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
3,3'-Dichlorobenzidine	EPA 8270D	5						5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Benzo(a)anthracene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1						1	1 U	1 U	1 U	1 U	2.4	1 U	1 U	1 U		1 U	3.1 U		1.8
Chrysene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Di-n-octylphthalate	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzo(b)fluoranthene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzo(k)fluoranthene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Benzo(a)pyrene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U		1 U	1 U		1 U
Dibenz(a,h)anthracene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U		1 U	1 U		1 U
Benzo(g,h,i)perylene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 UJ	1 UJ		1 U	1 U		1 UJ
1-Methylnaphthalene	EPA 8270D	1						1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Naphthalene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.11	0.1 U	0.1 U	0.1 U	0.13	0.13	0.1 UR	0.1 UJ	0.1 U	0.1 U		0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U		0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.55	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U		0.1 U
Acenaphthylene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.13	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U		0.1 U
Acenaphthene	EPA 8270DSIM	0.1						0.17	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U		0.1 U
Fluorene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U		0.1 U
Phenanthrene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U		0.1 U
Anthracene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U		0.1 U
Fluoranthene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Pyrene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Chrysene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Dibenzofuran	EPA 8270DSIM	0.1						0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.1 U
Aroclor 1016	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Aroclor 1242	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Aroclor 1248	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Aroclor 1254	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Aroclor 1260	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Aroclor 1221	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Aroclor 1232	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Aroclor 1262	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Aroclor 1268	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Total PCB	EPA 8082	0.01						0.01 U				0.01 U	0.01 U	0.01 U							0.01 U
Inorganics (µg/L)																					
Cyanide (Total)	EPA 335.2	5						10	5 U			5 U	7	51	8	5 U		10 J	9		6
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5						5 U	5 U			5 U	5 U	5 U	5 U	5 U		5 U	5 U		5 U
Metals (Dissolved) (µg/L)																					
Aluminum	EPA 6010B	50				150	100 U	930	50 U	50 U	50 U	120	50 U	140	50 U	80		50 U	60		50 U
Antimony	EPA 6010B	50				100 U	100 U	100 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U		50 U	50 U		50 U
Arsenic	EPA 200.8	0.5				5 U	5 U	15.8	0.6	9.7	7.6	7.7	11.9	10.6	7.3	11.9		11.6	13.8		4.8
Barium	EPA 6010B	3				255	473	25	14	7	28	14	15	12	7	9		7	10		12
Beryllium	EPA 6010B	1				2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Cadmium	EPA 200.8	0.2				2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U
Calcium	EPA 6010B	50				379000	509000	11000	36700	7700	68800	22300	38300	12900	14400	4660		10000	10100		12100
Chromium	EPA 200.8	0.5				5 U	5 U	62	0.7	4	5	2.6	1	4	6	3.5		2.3	4		9
Chromium(VI)	A3500D	11																	11 UJ		
Cobalt	EPA 6010B	3				6 U	6 U	6 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U		3 U	3 U		3 U
Copper	EPA 200.8	0.5				7	5 U	16.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.5 U		0.5 U	1		0.5 U
Iron	EPA 6010B	50				76500	96200	11700	30600	21800	34600	24500	20600	23900	17400	12600		14400	17100		23400
Lead	EPA 200.8	1				10 U	10 U	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U		1 U
Magnesium	EPA 6010B	50				909000	858000	10100	24600	9300	25300	13800	29900	17300	15900	11400		15100	15600		13900
Manganese	EPA 6010B	1				3050	3590	372	589	417	2550	1110	588	499	539	191		382	503		595
Mercury	EPA 7470A	0.02				0.02 U	0.02 U	0.0417	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U		0.02 U
Molybdenum	EPA 6010B	5				20	20	10 U	5 U	5 U	7	5 U	9	5 U	5 U	5 U		5 U	5		6
Nickel	EPA 200.8	0.5				36	32	10	1.4	0.8	4	0.9	1.7	1.5	1.2	1.6		4.2	4.4		1
Selenium	EPA 6010B	50				100 U	100 U	100 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U		50 U	50 U		50 U
Silver	EPA 200.8	0.2				2 U	2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U
Thallium	EPA 200.8	0.2				2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U
Tin	EPA 6010B	10				20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U		10 U
Vanadium	EPA 6010B	3				6 U	6 U	301	3 U	21	32	19	11	18	32	28		14	31		18
Zinc	EPA 6010B	10				50	130	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U		10 U
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	250							250 U				250 U	250 U							
TPH - Diesel Range	NWTPH-Dx-Cleaned	250							250 U				250 U	250 U							
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500							500 U				500 U	500 U							

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-057 10-14 2-40-DP-57-10-W-0 Reextract 6/5/2008	2-40-DP-058 10-14 2-40-DP-58-10-W-0 6/10/2008	2-40-DP-059 10-14 2-40-DP-59-10-W-0 6/18/2008	2-40-DP-060 10-14 2-40-DP-60-10-W-0 6/17/2008	2-40-DP-060 10-14 2-40-DP-60-10-W-0-X 6/18/2008	2-40-DP-061 10-14 2-40-DP-61-10-W-0 6/11/2008	2-40-DP-062 12-16 2-40-DP-62-12-W-0 6/17/2008	2-40-DP-063 11-15 2-40-DP-63-11-W-0 6/17/2008	2-40-DP-064 10-14 2-40-DP-64-10-W-0 6/5/2008	2-40-DP-064 10-14 2-40-DP-64-10-W-0 Reextract 6/5/2008	2-40-DP-065 10-14 2-40-DP-65-10-W-0 6/9/2008	2-40-DP-066 10-14 2-40-DP-66-10-W-0 6/16/2008	2-40-DP-067 10-14 2-40-DP-67-10-W-0 6/19/2008	2-40-DP-068 10-14 2-40-DP-68-10-W-0 6/19/2008	2-40-DP-069 10-14 2-40-DP-69-10-W-0 5/28/2008	2-40-DP-070 10-14 2-40-DP-70-10-W-0 5/28/2008	2-40-DP-071 10-14 2-40-DP-71-10-W-0 6/23/2008	2-40-DP-072 10-14 2-40-DP-72-10-W-0 6/24/2008	2-40-DP-073 10-14 2-40-DP-73-10-W-0 6/25/2008
VOCs (µg/L)																				
Chloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U		1 UJ	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2		0.2	0.2	0.2 U		1 U	0.2 U	0.2 U	0.2		0.2	0.2 U	0.2 U	1.4	0.2 U	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U		2 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	3		3 U	3 UR	5.4		5 U	3 U	3 U	3 U		3.8	8.3	6.7	4	3 U	3 U	3 U	3 U
Carbon Disulfide	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 UJ	0.2 U	0.2 U	0.4		0.2 U	0.2 U	0.2 U	0.7	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1.2
Chloroform	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5		2.5 U	2.5 UR	2.5 U		5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR
1,1,1-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1		1 U	1 U	1 U		5 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.6	0.2 U	0.2 U
Dibromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2		0.2 U	0.2 U	9.2		1 U	0.7	0.4	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1		1 U	1 UR	1 U		5 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 UR	1 UR
Bromoform	EPA 8260B	0.2		0.2 UJ	0.2 U	0.2 UJ		1 U	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5		2.5 U	2.5 UR	2.5 U		5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR
2-Hexanone	EPA 8260B	2.5		2.5 U	2.5 UR	2.5 U		5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2		0.2 UJ	0.2 U	0.2 UJ		1 U	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 UJ	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		2 UJ	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4		0.4 U	0.4 U	0.4 U		1 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2		0.2 UJ	0.2 U	0.2 UJ		1 U	0.2 UJ	0.2 UJ	0.2 UJ		0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5		5 UR	5 UR	5 UR		10 UJ	5 UR	5 UR	5 UR		5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Methyl Iodide	EPA 8260B	1		1 U	1 U	1 U		1 UJ	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1		1 U	1 UR	1 U		5 UJ	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5		0.5 U	0.5 UR	0.5 UJ		5 U	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	EPA 8260B	0.5		0.5 UJ	0.5 U	0.5 UJ		2 U	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1		1 U	1 U	1 U		5 UJ	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U		5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U		1 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U		5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U		5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U		5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs and PCBs (µg/L)																				
Phenol	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl)ether	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Alcohol	EPA 8270D	5		5 UJ	5 UJ	5 UJ		5 UJ	5 UJ	5 UJ	5 U		5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1		1 UJ	1 UJ	1 UJ		1 UJ	1 UJ	1 UJ	1 UJ		1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	EPA 8270D	10		10 U	10 U	10 U		10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloroaniline	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dimethylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrophenol	EPA 8270D	10		10 UJ	10 U	10 U		10 UJ	10 U	10 U	10 UJ		10 UJ	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-057 10-14 2-40-DP-57-10-W-0 Reextract 6/5/2008	2-40-DP-058 10-14 2-40-DP-58-10-W-0 6/10/2008	2-40-DP-059 10-14 2-40-DP-59-10-W-0 6/18/2008	2-40-DP-060 10-14 2-40-DP-60-10-W-0 6/17/2008	2-40-DP-060 10-14 2-40-DP-60-10-W-0-X 6/18/2008	2-40-DP-061 10-14 2-40-DP-61-10-W-0 6/11/2008	2-40-DP-062 12-16 2-40-DP-62-12-W-0 6/17/2008	2-40-DP-063 11-15 2-40-DP-63-11-W-0 6/17/2008	2-40-DP-064 10-14 2-40-DP-64-10-W-0 6/5/2008	2-40-DP-064 10-14 2-40-DP-64-10-W-0 Reextract 6/5/2008	2-40-DP-065 10-14 2-40-DP-65-10-W-0 6/9/2008	2-40-DP-066 10-14 2-40-DP-66-10-W-0 6/16/2008	2-40-DP-067 10-14 2-40-DP-67-10-W-0 6/19/2008	2-40-DP-068 10-14 2-40-DP-68-10-W-0 6/19/2008	2-40-DP-069 10-14 2-40-DP-69-10-W-0 5/28/2008	2-40-DP-070 10-14 2-40-DP-70-10-W-0 5/28/2008	2-40-DP-071 10-14 2-40-DP-71-10-W-0 6/23/2008	2-40-DP-072 10-14 2-40-DP-72-10-W-0 6/24/2008	2-40-DP-073 10-14 2-40-DP-73-10-W-0 6/25/2008
4-Nitrophenol	EPA 8270D	5		5 U	5 U	5 UJ		5 U	5 UJ	5 UJ	5 U		5 U	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibenzofuran	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chlorophenyl-phenylether	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10		10 U	10 U	10 U		10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Butylbenzylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3,3'-Dichlorobenzidine	EPA 8270D	5		5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	2.4	1.1 U	1 U
Chrysene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 UJ	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1		0.11	0.1 U	0.1 U	0.12	0.1 UJ	0.1 U	0.13	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2
2-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.14	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.16	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1016	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Aroclor 1242	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Aroclor 1248	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Aroclor 1254	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Aroclor 1260	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Aroclor 1221	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Aroclor 1232	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Aroclor 1262	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Aroclor 1268	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Total PCB	EPA 8082	0.01		0.01 U	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U						0.01 U	0.01 U				
Inorganics (µg/L)																					
Cyanide (Total)	EPA 335.2	5		5 U			5 U	15	82	5 U	7		7		13		5 U	5 U	30	5 U	500
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5		5 U			5 U	5 U	17	5 U	5 U		5 U		5 U		5 U	5 U	7	5 U	56
Metals (Dissolved) (µg/L)																					
Aluminum	EPA 6010B	50		120	130		250	270	80	60	80		440	70	390	70	50 U	50 U	50 U	60	50 U
Antimony	EPA 6010B	50		50 U	50 U		50 U	50 U	50 U	50 U	50 U		100 U	50 U	100 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	EPA 200.8	0.5		18.8	5.8		16.8	13.3	9.2	4.3	13.2		18.3	41.5	23.3	9.4	1 U	1 U	2.7	0.8	1.1
Barium	EPA 6010B	3		12	7		8	19	14	12	8		18	20	34	7	106	77	23	4	12
Beryllium	EPA 6010B	1		1 U	1 U		1 U	1 U	1 U	1 U	1 U		2 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	EPA 200.8	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.9	4.6	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	50		10800	9890		11000	11000	16900	17100	7300		11000	33100	20000	21800	58800	55300	24600	7450	30500
Chromium	EPA 200.8	0.5		17	7		20	37	11	4	8		22	12	72	2	1 U	1 U	0.9	1 U	1 U
Chromium(VI)	A3500D	11																			
Cobalt	EPA 6010B	3		3 U	3 U		3 U	3 U	3 U	3 U	3 U		14	4	6 U	3 U	3 U	8	3 U	3 U	3 U
Copper	EPA 200.8	0.5		0.6	0.5 U		1	3.3	0.5 U	0.5 U	0.5		4.6	0.9	3.5	0.5 U	3	3	0.5 U	0.6	0.5 U
Iron	EPA 6010B	50		12400	8790		9500	9910	17200	15600	16400		4740	26800	21200	20300	50 U	50 U	12000	2070	10100
Lead	EPA 200.8	1		1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	2 U	2 U	1 U	1 U	1 U
Magnesium	EPA 6010B	50		15000	7500		16400	14700	11500	11500	11600		10300	28100	30800	11600	148000	140000	11100	2700	15000
Manganese	EPA 6010B	1		375	492		390	262	543	573	372		524	641	280	1860	18	31	271	246	302
Mercury	EPA 7470A	0.02		0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5		5 U	5 U		5 U	5 U	5 U	5 U	5 U		10 U	13	10 U	5 U	9	10	5 U	5 U	5 U
Nickel	EPA 200.8	0.5		1.7	1		2.4	3.1	1.3	0.8	2.1		18.7	10.2	4.3	0.9	3	13	1.8	2.8	1.1
Selenium	EPA 6010B	50		50 U	50 U		50 U	50 U	50 U	50 U	50 U		100 U	50 U	100 U	50 U	50 U	50 U	50 U	50 U	50 U
Silver	EPA 200.8	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.3	0.2 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
Thallium	EPA 200.8	0.2		0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U	0.2 U	0.2 U	0.2 U
Tin	EPA 6010B	10		10 U	10 U		10 U	10 U	10 U	10 U	10 U		20 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U
Vanadium	EPA 6010B	3		87	48		102	165	61	22	39		106	73	336	14	3	9	6	8	4
Zinc	EPA 6010B	10		10 U	10 U		20	10 U	10 U	10 U	10 U		20 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	250																		250 U	250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	250																		250 U	250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500																		500 U	500 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-074 10-14 2-40-DP-74-10-W-0 7/2/2008	2-40-DP-075 10-14 2-40-DP-75-10-W-0 7/1/2008	2-40-DP-076 10-14 2-40-DP-76-10-W-0 6/5/2008	2-40-DP-076 10-14 2-40-DP-76-10-W-0 Reextract 6/5/2008	2-40-DP-077 10-14 2-40-DP-77-10-W-0 6/2/2008	2-40-DP-078 10 2-40-DP-78-10-W-0 5/28/2008	2-40-DP-079 10-14 2-40-DP-79-10-W-0 6/24/2008	2-40-DP-080 10-14 2-40-DP-80-10-W-0 6/9/2008	2-40-DP-081 10-14 2-40-DP-81-10-W-0 6/6/2008	2-40-DP-081 10-14 2-40-DP-81-10-W-0 Reextract 6/6/2008	2-40-DP-082 10-14 2-40-DP-82-10-W-0 6/13/2008	2-40-DP-083 10-14 2-40-DP-83-10-W-0 6/3/2008	2-40-DP-084 10-14 2-40-DP-84-10-W-0 5/30/2008	2-40-DP-084 10-14 2-40-DP-84-10-W-0 Reextract 5/30/2008	2-40-DP-085 10-14 2-40-DP-85-10-W-0 7/2/2008	2-40-DP-086 10-14 2-40-DP-86-10-W-0 6/13/2008	2-40-DP-087 10-14 2-40-DP-87-10-W-0 6/13/2008	2-40-DP-088 10-14 2-40-DP-88-10-W-0 6/13/2008	2-40-DP-089 10-14 2-40-DP-89-10-W-0 6/13/2008
VOCs (µg/L)																				
Chloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.3	0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.2 U	0.4	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.3		0.6	0.2 U	0.2 U		0.2 U	0.6	0.2 U	0.3	0.5
Chloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	3	3 U	3 U	3 U		3 U	3 U	3 U	3 U	3 U		3 U	7.8	3 U		3 U	3 U	3 U	3 U	3.8
Carbon Disulfide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.3	0.2 U	0.2 U	0.2		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.3	0.2
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.6	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.3	0.2 U
Chloroform	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U		2.5 U	2.5 UR	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U	0.2 U	1.1		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 U	1 U	1 U		1 U	1 U	1 UR	1 U	1 U		1 U	1 UR	1 U		1 U	1 U	1 U	1 U	1 U
Bromoform	EPA 8260B	0.2	0.3	0.2 U	0.2 UJ		0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 UJ		0.2 UJ	0.2 U	0.2 UJ		0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U		2.5 U	2.5 UR	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	EPA 8260B	2.5	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 UJ		0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ		0.2 UJ	0.2 U	0.2 U		0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
Toluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 UJ		0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ		0.2 UJ	0.2 U	0.2 U		0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5	5 U	5 U	5 UR		5 UR	5 UR	5 UR	5 UR	5 UR		5 UR	5 UR	5 UR		5 U	5 UR	5 UR	5 UR	5 UR
Methyl Iodide	EPA 8260B	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 UJ	1 UJ	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 UJ	1 U	1 U	1 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UJ	0.5 U	0.5 UJ		0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 UJ	0.5 U	0.5 U		0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 U	0.5 U	0.5 UJ		0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 UJ	0.5 U	0.5 U		0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 UJ	0.5 UJ	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U	0.2 U	0.2 U		0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 UJ		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 UJ	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs and PCBs (µg/L)																				
Phenol	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl)ether	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Benzyl Alcohol	EPA 8270D	5	5 U	5 UJ	5 U		5 U	5 U	5 U	5 UJ	5 UJ		5 UJ	5 U	5 U		5 U	5 UJ	5 UJ	5 UJ	5 UJ
1,2-Dichlorobenzene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
2-Methylphenol	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1	1 U	1 U	1 UJ		1 UJ	1 U	1 U	1 UJ	1 UJ		1 UJ	1 UJ	1 UJ		1 U	1 UJ	1 UJ	1 UJ	1 UJ
4-Methylphenol	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
Hexachloroethane	EPA 8270D	1	1 U	1 U	1 U		1 U	20	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Nitrobenzene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Isophorone	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
2-Nitrophenol	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Benzoic Acid	EPA 8270D	10	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
4-Chloroaniline	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
Dimethylphthalate	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
Acenaphthene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
2,4-Dinitrophenol	EPA 8270D	10	10 UJ	10 UJ	10 UJ		10 U	10 U	10 UJ	10 UJ	10 UJ		10 UJ	10 U	10 U		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-074 10-14 2-40-DP-74-10-W-0 7/2/2008	2-40-DP-075 10-14 2-40-DP-75-10-W-0 7/1/2008	2-40-DP-076 10-14 2-40-DP-76-10-W-0 6/5/2008	2-40-DP-076 10-14 2-40-DP-76-10-W-0 Reextract 6/5/2008	2-40-DP-077 10-14 2-40-DP-77-10-W-0 6/2/2008	2-40-DP-078 10 2-40-DP-78-10-W-0 5/28/2008	2-40-DP-079 10-14 2-40-DP-79-10-W-0 6/24/2008	2-40-DP-080 10-14 2-40-DP-80-10-W-0 6/9/2008	2-40-DP-081 10-14 2-40-DP-81-10-W-0 6/6/2008	2-40-DP-081 10-14 2-40-DP-81-10-W-0 Reextract 6/6/2008	2-40-DP-082 10-14 2-40-DP-82-10-W-0 6/13/2008	2-40-DP-083 10-14 2-40-DP-83-10-W-0 6/3/2008	2-40-DP-084 10-14 2-40-DP-84-10-W-0 5/30/2008	2-40-DP-084 10-14 2-40-DP-84-10-W-0 Reextract 5/30/2008	2-40-DP-085 10-14 2-40-DP-85-10-W-0 7/2/2008	2-40-DP-086 10-14 2-40-DP-86-10-W-0 6/13/2008	2-40-DP-087 10-14 2-40-DP-87-10-W-0 6/13/2008	2-40-DP-088 10-14 2-40-DP-88-10-W-0 6/13/2008	2-40-DP-089 10-14 2-40-DP-89-10-W-0 6/13/2008
4-Nitrophenol	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
Dibenzofuran	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
Diethylphthalate	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
4-Chlorophenyl-phenylether	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U		10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
4-Bromophenyl-phenylether	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D	1	1 U	1 U	1 U		1 U	1.9	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
Phenanthrene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Carbazole	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Fluoranthene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Butylbenzylphthalate	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
3,3'-Dichlorobenzidine	EPA 8270D	5	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1	1 U	1 U	1 U		18	1 U	1 U	1 U	1 U		1 U	2.5	1 U		9.5	1 U	2.2	1.6	1.1
Chrysene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Di-n-octylphthalate	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 UJ	1 U	1 U	1 U		1 U	1 UJ	1 U		1 U	1 U	1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 UJ	1 U	1 U	1 U		1 U	1 UJ	1 U		1 U	1 U	1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 UJ	1 U	1 U	1 UJ		1 U	1 UJ	1 U		1 U	1 U	1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.11	0.12	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1016	EPA 8082	0.01								0.01 U				0.01 U							
Aroclor 1242	EPA 8082	0.01								0.01 U				0.01 U							
Aroclor 1248	EPA 8082	0.01								0.01 U				0.01 U							
Aroclor 1254	EPA 8082	0.01								0.01 U				0.01 U							
Aroclor 1260	EPA 8082	0.01								0.01 U				0.01 U							
Aroclor 1221	EPA 8082	0.01								0.01 U				0.01 U							
Aroclor 1232	EPA 8082	0.01								0.01 U				0.01 U							
Aroclor 1262	EPA 8082	0.01								0.01 U				0.01 U							
Aroclor 1268	EPA 8082	0.01								0.01 U				0.01 U							
Total PCB	EPA 8082	0.01								0.01 U				0.01 U							
Inorganics (µg/L)																					
Cyanide (Total)	EPA 335.2	5	252	6	8		5 U	5 U	5 U	5 U	5 U		5 U	27	5 U		27			5 U	5 U
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5	32	5 U	5 U		5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U		5 U			5 U	5 U
Metals (Dissolved) (µg/L)																					
Aluminum	EPA 6010B	50	50 U	400	50 U		50 U	50 U	50 U	50 U	70		90	240	50 U		120	110	450	270	110
Antimony	EPA 6010B	50	50 U	50 U	50 U		50 U	50 U	50 U	50 U	50 U		50 U	100 U	50 U		50 U	50 U	50 U	50 U	50 U
Arsenic	EPA 200.8	0.5	1.2	20	7.7		3.7	1.9	0.5	0.8	6.3		4.4	22.6	1.7		18.7	8.5	17	9.8	8.3
Barium	EPA 6010B	3	6	9	9		11	9	3	49	5		4	18	3		9	8	13	12	6
Beryllium	EPA 6010B	1	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U		1 U	2 U	1 U		1 U	1 U	1 U	1 U	1 U
Cadmium	EPA 200.8	0.2	0.2 U	0.2 U	0.2 U		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	50	18100	3660	5880		40600	10800	6230	62800	7350		4680	12100	20800		16900	5360	4820	4320	5060
Chromium	EPA 200.8	0.5	1 U	9	6		1 U	1 U	1 U	3	3.4		4	36	1 U		2	3	12	10	5
Chromium(VI)	A3500D	11			11 UJ																
Cobalt	EPA 6010B	3	3 U	3 U	3 U		3 U	3 U	3 U	3 U	3 U		3 U	6 U	3 U		3 U	3 U	3 U	3 U	3 U
Copper	EPA 200.8	0.5	0.5 U	2.1	0.5 U		0.6	0.5 U	0.5 U	3.5	0.5 U		1.2	2.3	1.8		0.6	0.5 U	8.3	1.3	0.5 U
Iron	EPA 6010B	50	3230	12600	13800		2220	12200	18000	16000	19700		9300	17000	130		30900	11800	14600	18700	9750
Lead	EPA 200.8	1	1 U	1 U	1 U		2 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Magnesium	EPA 6010B	50	6680	5390	11700		12600	12700	4860	61100	15600		8270	21600	29600		16500	15400	7940	10600	10300
Manganese	EPA 6010B	1	94	260	336		97	380	350	1840	394		232	282	12		563	345	357	352	356
Mercury	EPA 7470A	0.02	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5	5 U	5 U	5 U		5 U	7	5 U	5 U	5 U		5 U	10 U	6		5 U	5 U	5 U	5 U	5 U
Nickel	EPA 200.8	0.5	3.2	1.3	3.7		3.4	1.4	1.6	2.3	0.7		1.4	7.4	1.6		5.7	2.7	4.6	3.7	1.1
Selenium	EPA 6010B	50	50 U	50 U	50 U		50 U	50 U	50 U	50 U	50 U		50 U	100 U	50 U		50 U	50 U	50 U	50 U	50 U
Silver	EPA 200.8	0.2	0.2 U	0.2 U	0.2 U		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.3	0.2 U
Thallium	EPA 200.8	0.2	0.2 U	0.2 U	0.2 U		0.5 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Tin	EPA 6010B	10	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U		10 U	10 U	10 U	10 U	10 U
Vanadium	EPA 6010B	3	6	52	32		6	4	4	19	20		27	159	13		11	18	68	66	33
Zinc	EPA 6010B	10	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U		10 U	20 U	10 U		10 U	10 U	10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)																					
TPH - Gasoline Range	NWTPH-Gx	250												250 U	250 U		250 U				
TPH - Diesel Range	NWTPH-Dx-Cleaned	250												250 U	250 U		250 U				
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500												500 U	500 U		500 U				

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-090 10-14 2-40-DP-90-10-W-0 6/6/2008	2-40-DP-090 10-14 2-40-DP-90-10-W-0 Reextract 6/6/2008	2-40-DP-091 10-14 2-40-DP-91-10-W-0 Dilution 6/4/2008	2-40-DP-091 10-14 2-40-DP-91-10-W-0 6/4/2008	2-40-DP-091 28-32 2-40-DP-91-28-W-0 6/4/2008	2-40-DP-091 35-39 2-40-DP-91-35-W-0 6/4/2008	2-40-DP-092 10-14 2-40-DP-92-10-W-0 6/3/2008	2-40-DP-093 10-14 2-40-DP-93-10-W-0 7/8/2008	2-40-DP-094 10-14 2-40-DP-94-10-W-0 6/30/2008	2-40-DP-095 10-14 2-40-DP-95-10-W-0 6/9/2008	2-40-DP-096 10-14 2-40-DP-96-10-W-0 6/23/2008	2-40-DP-097 10-14 2-40-DP-97-10-W-0 7/7/2008	2-40-DP-098 10-14 2-40-DP-98-10-W-0 6/12/2008	2-40-DP-099 10-14 2-40-DP-99-10-W-0 6/12/2008	2-40-DP-100 10-14 2-40-DP-100-10-W-0 6/6/2008	2-40-DP-100 10-14 2-40-DP-100-10-W-0 Reextract 6/6/2008	2-40-DP-101 10-14 2-40-DP-101-10-W-0 6/4/2008	2-40-DP-102 10-14 2-40-DP-102-10-W-0 5/30/2008
VOCs (µg/L)																				
Chloromethane	EPA 8260B	0.2	0.2 U			0.2 U	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2	0.3			0.2	0.3	0.2 U	0.2 U	0.4	0.4	0.2	0.2 U	0.2 U	0.2	0.2	0.4		0.2 U	0.2 U
Chloroethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
Acetone	EPA 8260B	3	3 U			3 U	4.5 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U		3 U	3 U
Carbon Disulfide	EPA 8260B	0.2	0.2 U			0.2 U	0.3	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.9	1.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.3	0.2 U
Chloroform	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5	2.5 U			2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U		2.5 UR	2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Bromodichloromethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	4.1	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		2.3	0.2 U
Dibromochloromethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Benzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3		0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1	1 U			1 UR	1 UR	1 UR	1 UR	1 U	1 U	1 U	1 UR	1 U	1 U	1 U	1 U		1 UR	1 U
Bromoform	EPA 8260B	0.2	0.2 UJ			0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ		0.2 UJ	0.2 UJ
Methyl isobutyl ketone	EPA 8260B	2.5	2.5 U			2.5 UR	2.5 UR	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U		2.5 UR	2.5 U
2-Hexanone	EPA 8260B	2.5	2.5 U			2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	0.2 UJ			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ		0.2 U	0.2 U
Toluene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Styrene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4	0.4 U			0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U		0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	0.2 UJ			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ		0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Acrolein	EPA 8260B	5	5 UR			5 UR	5 UR	5 UR	5 UR	5 UR	5 U	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR		5 UR	5 UR
Methyl Iodide	EPA 8260B	1	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Bromoethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1	1 U			1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 U		1 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	0.5 UJ			0.5 UJ	0.5 UJ	0.5 UJ	0.5 UR	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ		0.5 UJ	0.5 U
1,2,3-Trichloropropane	EPA 8260B	0.5	0.5 UJ			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ		0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2	0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 UJ
1,2,4-Trichlorobenzene	EPA 8260B	0.5	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5	0.5 U			0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 UJ	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	0.5 U			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U
SVOCs and PCBs (µg/L)																				
Phenol	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
bis(2-Chloroethyl)ether	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
2-Chlorophenol	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
1,3-Dichlorobenzene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
1,4-Dichlorobenzene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Benzyl Alcohol	EPA 8270D	5	5 UJ		10 UJ	5 UJ			5 U	5 U	5 U	5 UJ	5 U	5 U	5 UJ	5 UJ	5 UJ		5 UJ	5 U
1,2-Dichlorobenzene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
2-Methylphenol	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1	1 UJ		2 UJ	1 UJ			1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ		1 UJ	1 UJ
4-Methylphenol	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
Hexachloroethane	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Nitrobenzene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Isophorone	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
2-Nitrophenol	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
2,4-Dimethylphenol	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Benzoic Acid	EPA 8270D	10	10 UJ		20 U	10 U			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
2,4-Dichlorophenol	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
1,2,4-Trichlorobenzene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Naphthalene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
4-Chloroaniline	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
Hexachlorobutadiene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
4-Chloro-3-methylphenol	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
2-Methylnaphthalene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Hexachlorocyclopentadiene	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
2,4,6-Trichlorophenol	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
2,4,5-Trichlorophenol	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
2-Chloronaphthalene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
2-Nitroaniline	EPA 8270D	5	5 UJ		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
Dimethylphthalate	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Acenaphthylene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
3-Nitroaniline	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
Acenaphthene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
2,4-Dinitrophenol	EPA 8270D	10	10 U		20 UJ	10 UJ			10 U	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ		10 UJ	10 U

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-090 10-14 2-40-DP-90-10-W-0 6/6/2008	2-40-DP-090 10-14 2-40-DP-90-10-W-0 Reextract 6/6/2008	2-40-DP-091 10-14 2-40-DP-91-10-W-0 Dilution 6/4/2008	2-40-DP-091 10-14 2-40-DP-91-10-W-0 6/4/2008	2-40-DP-091 28-32 2-40-DP-91-28-W-0 6/4/2008	2-40-DP-091 35-39 2-40-DP-91-35-W-0 6/4/2008	2-40-DP-092 10-14 2-40-DP-92-10-W-0 6/3/2008	2-40-DP-093 10-14 2-40-DP-93-10-W-0 7/8/2008	2-40-DP-094 10-14 2-40-DP-94-10-W-0 6/30/2008	2-40-DP-095 10-14 2-40-DP-95-10-W-0 6/9/2008	2-40-DP-096 10-14 2-40-DP-96-10-W-0 6/23/2008	2-40-DP-097 10-14 2-40-DP-97-10-W-0 7/7/2008	2-40-DP-098 10-14 2-40-DP-98-10-W-0 6/12/2008	2-40-DP-099 10-14 2-40-DP-99-10-W-0 6/12/2008	2-40-DP-100 10-14 2-40-DP-100-10-W-0 6/6/2008	2-40-DP-100 10-14 2-40-DP-100-10-W-0 Reextract 6/6/2008	2-40-DP-101 10-14 2-40-DP-101-10-W-0 6/4/2008	2-40-DP-102 10-14 2-40-DP-102-10-W-0 5/30/2008
4-Nitrophenol	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
Dibenzofuran	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
2,6-Dinitrotoluene	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
2,4-Dinitrotoluene	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
Diethylphthalate	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
4-Chlorophenyl-phenylether	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Fluorene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
4-Nitroaniline	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10	10 U		20 U	10 U			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U
N-Nitrosodiphenylamine	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
4-Bromophenyl-phenylether	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Hexachlorobenzene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Pentachlorophenol	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
Phenanthrene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Carbazole	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Anthracene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Di-n-Butylphthalate	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Fluoranthene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Pyrene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Butylbenzylphthalate	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
3,3'-Dichlorobenzidine	EPA 8270D	5	5 U		10 U	5 U			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U
Benzo(a)anthracene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1	1 U		110 U	92 U			1 U	1 U	1 U	3.4 J	1 U	1 U	8.5 U	1 U	1 U		1 U	1 U
Chrysene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Di-n-octylphthalate	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Benzo(a)pyrene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1	1 U		2 U	1 U			1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	1	1 U		2 U	1 U			1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D	1	1 U		2 U	1 U			1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ		1 U	1 U
1-Methylnaphthalene	EPA 8270D	1	1 U		2 U	1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Naphthalene	EPA 8270DSIM	0.1	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.18	0.1 UJ
2-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 UJ
1-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 UR	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 UJ
Acenaphthylene	EPA 8270DSIM	0.1	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
Acenaphthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
Fluorene	EPA 8270DSIM	0.1	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
Phenanthrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
Anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
Fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Chrysene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Dibenzofuran	EPA 8270DSIM	0.1	0.1 U	0.1 UJ		0.1 U			0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Aroclor 1016	EPA 8082	0.01				0.01 U			0.01 U	0.01 U	0.01 U				0.01 U	0.01 U				
Aroclor 1242	EPA 8082	0.01				0.01 U			0.01 U	0.01 U	0.01 U				0.01 U	0.01 U				
Aroclor 1248	EPA 8082	0.01				0.01 U			0.01 U	0.01 U	0.01 U				0.01 U	0.01 U				
Aroclor 1254	EPA 8082	0.01				0.01 U			0.01 U	0.015 Y	0.01 U				0.01 U	0.01 U				
Aroclor 1260	EPA 8082	0.01				0.01 U			0.01 U	0.025	0.01 U				0.01 U	0.01 U				
Aroclor 1221	EPA 8082	0.01				0.01 U			0.01 U	0.01 U	0.01 U				0.01 U	0.01 U				
Aroclor 1232	EPA 8082	0.01				0.01 U			0.01 U	0.01 U	0.01 U				0.01 U	0.01 U				
Aroclor 1262	EPA 8082	0.01				0.01 U			0.01 U	0.01 U	0.01 U				0.01 U	0.01 U				
Aroclor 1268	EPA 8082	0.01				0.01 U			0.01 U	0.01 U	0.01 U				0.01 U	0.01 U				
Total PCB	EPA 8082	0.01				0.01 U			0.01 U	0.025	0.01 U				0.01 U	0.01 U				
Inorganics (µg/L)																				
Cyanide (Total)	EPA 335.2	5				5 U			5 U	14	13	14	5 U	7 J			5 U		5 U	5 U
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5				5 U			5 U	5 U	5 U	5 U	5 U	5 U			5 U		5 U	5 U
Metals (Dissolved) (µg/L)																				
Aluminum	EPA 6010B	50	190			190			160	190	170	330	50 U	50 U	140	90	180		50 U	50 U
Antimony	EPA 6010B	50	50 U			50 U			100 U	50 U	50 U	100 U	50 U	50 U	50 U	50 U	50 U		50 U	50 U
Arsenic	EPA 200.8	0.5	12.2			8.6			13.6	61.5	17.4	24.2	1.5	0.4	3.9	1.8	25.7		1	4.3
Barium	EPA 6010B	3	6			8			12	10	12	14	5	3	8	6	14		13	4
Beryllium	EPA 6010B	1	1 U			1 U			2 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Cadmium	EPA 200.8	0.2	0.2 U			0.2 U			0.2 U	0.4	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Calcium	EPA 6010B	50	4730			8290			6590	26600	17500	5720	8880	14700	7730	9870	5470		43200	16200
Chromium	EPA 200.8	0.5	5.1			8			11	25	17	24	2 U	1 U	5	4	21		11	2
Chromium(VI)	A3500D	11								11 UJ	11 J									
Cobalt	EPA 6010B	3	3 U			3 U			6 U	5	3 U	6 U	3 U	3 U	3 U	3 U	3 U		3 U	3 U
Copper	EPA 200.8	0.5	0.5 U			1			2.9	0.6	4.5 U	4.6	0.5 U	0.5 U	0.6	0.5 U	0.6		2.9	0.5 U
Iron	EPA 6010B	50	12300			17900			20200	65600	15400	14200	34300	9940	8610	8260	15800		50	11200
Lead	EPA 200.8	1	1 U			1 U			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U
Magnesium	EPA 6010B	50	10600			11200			10600	9190	11600	8040	6870	9010	10200	7550	8850		11200	17200
Manganese	EPA 6010B	1	297			375			460	1020	662	223	693	129	466	487	337		12	344
Mercury	EPA 7470A	0.02	0.02 U			0.02 U			0.02 U	0.02 U	0.02	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U	0.02 U
Molybdenum	EPA 6010B	5	5 U			5 U			10 U	15	15	10 U	5 U	5 U	5 U	5 U	7		12	6
Nickel	EPA 200.8	0.5	1.6			2			1.9	38.2	39.1	3	1	2.4	0.8	0.9	3.6		2.7	2.4
Selenium	EPA 6010B	50	50 U			50 U			100 U	50 U	50 U	100 U	50 U	50 U	50 U	50 U	50 U		50 U	50 U
Silver	EPA 200.8	0.2	0.2 U			0.2 U			0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Thallium	EPA 200.8	0.2	0.2 U			0.2 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Tin	EPA 6010B	10	10 U			10 U			20 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U
Vanadium	EPA 6010B	3	27			50			67	39	43	126	6	4	27	25	109		21	9
Zinc	EPA 6010B	10	10 U			10 U			20 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U
Petroleum Hydrocarbons (µg/L)																				
TPH - Gasoline Range	NWTPH-Gx	250																		
TPH - Diesel Range	NWTPH-Dx-Cleaned	250																		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500																		

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-102 10-14 2-40-DP-102-10-W-0 Reextract 5/30/2008	2-40-DP-103 10-14 2-40-DP-103-10-W-0 7/3/2008	2-40-DP-104 10-14 2-40-DP-104-10-W-0 7/7/2008	2-40-DP-105 10-14 2-40-DP-105-10-W-0 6/11/2008
VOCs (µg/L)						
Chloromethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Bromomethane	EPA 8260B	0.5		0.5 U	0.5 U	1 UJ
Vinyl Chloride	EPA 8260B	0.2		0.6	0.5	1 U
Chloroethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Methylene Chloride	EPA 8260B	0.5		0.5 U	0.5 U	2 U
Acetone	EPA 8260B	3		3 U	3 U	5 U
Carbon Disulfide	EPA 8260B	0.2		0.2 U	0.2 U	1 UJ
1,1-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,1-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	0.3	1 U
Chloroform	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,2-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
2-Butanone	EPA 8260B	2.5		2.5 U	2.5 U	5 U
1,1,1-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Carbon Tetrachloride	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Vinyl Acetate	EPA 8260B	1		1 U	1 U	5 U
Bromodichloromethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
cis-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Trichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Dibromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,1,2-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Benzene	EPA 8260B	0.2		0.2 U	0.2 U	9.3
trans-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
2-Chloroethylvinylether	EPA 8260B	1		1 U	1 U	5 U
Bromoform	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Methyl isobutyl ketone	EPA 8260B	2.5		2.5 U	2.5 U	5 U
2-Hexanone	EPA 8260B	2.5		2.5 U	2.5 U	5 U
Tetrachloroethene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Toluene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Chlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Ethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Styrene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Trichlorofluoromethane	EPA 8260B	0.2		0.2 U	0.2 U	1 UJ
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2		0.2 U	0.2 U	2 UJ
m,p-Xylene	EPA 8260B	0.4		0.4 U	0.4 U	1 U
o-Xylene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,2-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,3-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,4-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Acrolein	EPA 8260B	5		5 U	5 UR	10 UJ
Methyl Iodide	EPA 8260B	1		1 U	1 U	1 UJ
Bromoethane	EPA 8260B	0.2		0.2 U	0.2 U	2 U
Acrylonitrile	EPA 8260B	1		1 UJ	1 UJ	5 UJ
1,1-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Dibromomethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5		0.5 UJ	0.5 UJ	5 U
1,2,3-Trichloropropane	EPA 8260B	0.5		0.5 U	0.5 U	2 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1		1 U	1 U	5 UJ
1,3,5-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Hexachlorobutadiene	EPA 8260B	0.5		0.5 UJ	0.5 UJ	5 U
Ethylene Dibromide	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Bromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
2,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,3-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Isopropylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
n-Propylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
Bromobenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
2-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
4-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
tert-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
sec-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
4-Isopropyltoluene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
n-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	5 U
Naphthalene	EPA 8260B	0.5		0.5 U	0.5 U	5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	5 U
SVOCs and PCBs (µg/L)						
Phenol	EPA 8270D	1		1 U	1 U	1 U
bis(2-Chloroethyl)ether	EPA 8270D	1		1 U	1 U	1 U
2-Chlorophenol	EPA 8270D	1		1 U	1 U	1 U
1,3-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U
Benzyl Alcohol	EPA 8270D	5		5 U	5 U	5 UJ
1,2-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U
2-Methylphenol	EPA 8270D	1		1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1		1 U	1 U	1 UJ
4-Methylphenol	EPA 8270D	1		1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5		5 U	5 U	5 U
Hexachloroethane	EPA 8270D	1		1 U	1 U	1 U
Nitrobenzene	EPA 8270D	1		1 U	1 U	1 U
Isophorone	EPA 8270D	1		1 U	1 U	1 U
2-Nitrophenol	EPA 8270D	5		5 U	5 U	5 U
2,4-Dimethylphenol	EPA 8270D	1		1 U	1 U	1 U
Benzoic Acid	EPA 8270D	10		10 U	10 U	10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1		1 U	1 U	1 U
2,4-Dichlorophenol	EPA 8270D	5		5 U	5 U	5 U
1,2,4-Trichlorobenzene	EPA 8270D	1		1 U	1 U	1 U
Naphthalene	EPA 8270D	1		1 U	1 U	1 U
4-Chloroaniline	EPA 8270D	5		5 U	5 U	5 U
Hexachlorobutadiene	EPA 8270D	1		1 U	1 U	1 U
4-Chloro-3-methylphenol	EPA 8270D	5		5 U	5 U	5 U
2-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U
Hexachlorocyclopentadiene	EPA 8270D	5		5 U	5 U	5 U
2,4,6-Trichlorophenol	EPA 8270D	5		5 U	5 U	5 U
2,4,5-Trichlorophenol	EPA 8270D	5		5 U	5 U	5 U
2-Chloronaphthalene	EPA 8270D	1		1 U	1 U	1 U
2-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U
Dimethylphthalate	EPA 8270D	1		1 U	1 U	1 U
Acenaphthylene	EPA 8270D	1		1 U	1 U	1 U
3-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U
Acenaphthene	EPA 8270D	1		1 U	1 U	1 U
2,4-Dinitrophenol	EPA 8270D	10		10 UJ	10 UJ	10 UJ

Table 3-2b:
2-40s Area Groundwater Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	2-40-DP-102 10-14 2-40-DP-102-10-W-0 Reextract 5/30/2008	2-40-DP-103 10-14 2-40-DP-103-10-W-0 7/3/2008	2-40-DP-104 10-14 2-40-DP-104-10-W-0 7/7/2008	2-40-DP-105 10-14 2-40-DP-105-10-W-0 6/11/2008
4-Nitrophenol	EPA 8270D	5		5 U	5 U	5 U
Dibenzofuran	EPA 8270D	1		1 U	1 U	1 U
2,6-Dinitrotoluene	EPA 8270D	5		5 U	5 U	5 U
2,4-Dinitrotoluene	EPA 8270D	5		5 U	5 U	5 U
Diethylphthalate	EPA 8270D	1		1 U	1 U	1 U
4-Chlorophenyl-phenylether	EPA 8270D	1		1 U	1 U	1 U
Fluorene	EPA 8270D	1		1 U	1 U	1 U
4-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10		10 U	10 U	10 U
N-Nitrosodiphenylamine	EPA 8270D	1		1 U	1 U	1 U
4-Bromophenyl-phenylether	EPA 8270D	1		1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D	1		1 U	1 U	1 U
Pentachlorophenol	EPA 8270D	5		5 U	5 U	5 U
Phenanthrene	EPA 8270D	1		1 U	1 U	1 U
Carbazole	EPA 8270D	1		1 U	1 U	1 U
Anthracene	EPA 8270D	1		1 U	1 U	1 U
Di-n-Butylphthalate	EPA 8270D	1		1 U	1 U	1 U
Fluoranthene	EPA 8270D	1		1 U	1 U	1 U
Pyrene	EPA 8270D	1		1 U	1 U	1 U
Butylbenzylphthalate	EPA 8270D	1		1 U	1 U	1 U
3,3'-Dichlorobenzidine	EPA 8270D	5		5 U	5 U	5 U
Benzo(a)anthracene	EPA 8270D	1		1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1		1 U	1 U	1 U
Chrysene	EPA 8270D	1		1 U	1 U	1 U
Di-n-octylphthalate	EPA 8270D	1		1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	1		1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	1		1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	1		1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1		1 U	1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	1		1 U	1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D	1		1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1016	EPA 8082	0.01				0.01 U
Aroclor 1242	EPA 8082	0.01				0.01 U
Aroclor 1248	EPA 8082	0.01				0.01 U
Aroclor 1254	EPA 8082	0.01				0.01 U
Aroclor 1260	EPA 8082	0.01				0.01 U
Aroclor 1221	EPA 8082	0.01				0.01 U
Aroclor 1232	EPA 8082	0.01				0.01 U
Aroclor 1262	EPA 8082	0.01				0.01 U
Aroclor 1268	EPA 8082	0.01				0.01 U
Total PCB	EPA 8082	0.01				0.01 U
Inorganics (µg/L)						
Cyanide (Total)	EPA 335.2	5		5 U	5 U	5 U
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5		5 U	5 U	5 U
Metals (Dissolved) (µg/L)						
Aluminum	EPA 6010B	50		50 U	50 U	160
Antimony	EPA 6010B	50		50 U	50 U	50 U
Arsenic	EPA 200.8	0.5		15.3	7.2	18.8
Barium	EPA 6010B	3		10	3 U	13
Beryllium	EPA 6010B	1		1 U	1 U	1 U
Cadmium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	50		24900	14600	7970
Chromium	EPA 200.8	0.5		1 U	1 U	16
Chromium(VI)	A3500D	11				
Cobalt	EPA 6010B	3		3 U	3 U	3 U
Copper	EPA 200.8	0.5		0.5 U	0.9	1.9
Iron	EPA 6010B	50		41400	10300	12400
Lead	EPA 200.8	1		1 U	1 U	1 U
Magnesium	EPA 6010B	50		14400	5380	11300
Manganese	EPA 6010B	1		651	310	358
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5		5 U	5 U	5 U
Nickel	EPA 200.8	0.5		1.5	1.2	1.6
Selenium	EPA 6010B	50		50 U	50 U	50 U
Silver	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U
Thallium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U
Tin	EPA 6010B	10		10 U	10 U	10 U
Vanadium	EPA 6010B	3		8	6	84
Zinc	EPA 6010B	10		10 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)						
TPH - Gasoline Range	NWTPH-Gx	250				
TPH - Diesel Range	NWTPH-Dx-Cleaned	250				
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500				

Table 3-2c:
2-40s Area Groundwater Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL		Location: / Depth (ft bgs): / Sample ID: / Sample Date:	PL2-321A 8 - 18 2-40-PL2-321A-W-08-0 7/21/2008	PL2-401A 8 - 18 2-40-PL2-401A-W-08-0 7/24/2008	PL2-410A 8 - 18 2-40-PL2-410A-W-08-0 7/21/2008	PL2-410A 8 - 18 2-40-PL2-410A-W-08-1 7/21/2008	PL2-420A 8 - 18 2-40-PL2-420A-W-08-0 7/23/2008	PL2-420A 8 - 18 2-40-PL2-420A-W-08-1 7/23/2008	PL2-420B 35 - 45 2-40-PL2-420B-W-35-0 10/23/2008	PL2-420B 35 - 45 2-40-PL2-420B-W-35-1 10/23/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-0 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-0 Reextract 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-1 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-1 Reextract 8/7/2008	PL2-425A 8 - 18 2-40-PL2-425A-W-08-0 7/23/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-0 8/6/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-0 Reextract 8/6/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-1 8/6/2008	PL2-425C 77 - 82 2-40-PL2-425C-W-80-0 8/6/2008
VOCs (ug/L)																				
Chloromethane	EPA 8260B	0.2			0.3	0.2 UJ	0.6	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5			0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2			0.2 U	0.3 J	0.4	0.4	0.3	0.3	0.8	0.8	0.2 U		0.2 U		0.3	0.2 U		0.2 U	0.2 U
Chloroethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4		0.4		0.2 U	0.2 U		0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5			0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U	0.5 U
Acetone	EPA 8260B	3			3.2	3 UR	3 U	3 U	3 U	3 U	3.7	6.2	3 U		3 U		3 U	3 U		3 U	3.6 J
Carbon Disulfide	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.6
1,1-Dichloroethene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2			0.2	0.2 UJ	0.2	0.2	0.2 U	0.2 U	0.2 U	0.2 U	1.5		1.5		0.2 U	0.2 U		0.2 U	0.2 U
Chloroform	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5			2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U		2.5 U		2.5 U	2.5 U		2.5 U	20 J
1,1,1-Trichloroethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1			1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U		1 U	1 U
Bromodichloromethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Dibromochloromethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Benzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1			1 UR	1 UR	1 U	1 U	1 U	1 U	1 UR	1 UR	1 U		1 U		1 U	1 U		1 U	1 U
Bromoform	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5			2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 U		2.5 U		2.5 U	2.5 U		2.5 U	2.5 U
2-Hexanone	EPA 8260B	2.5			2.5 U	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		2.5 U	2.5 U		2.5 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Toluene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2		0.2	1.2 J
Chlorobenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Styrene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U		0.2 U		0.2 UJ	0.2 U		0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4			0.4 U	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U		0.4 U		0.4 UJ	0.4 U		0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U		0.2 U		0.2 UJ	0.2 U		0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Acrolein	EPA 8260B	5			5 UR	5 UR	5 UR	5 UR	5 U	5 U	5 UR	5 UR	5 UR		5 UR		5 UR	5 UR		5 UR	5 UR
Methyl Iodide	EPA 8260B	1			1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U		1 U	1 U
Bromoethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1			1 U	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U		1 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5			0.5 U	0.5 UR	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U	0.5 U
1,2,3-Trichloropropane	EPA 8260B	0.5			0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 UJ		0.5 U	0.5 UJ		0.5 UJ	0.5 UJ
trans-1,4-Dichloro-2-butene	EPA 8260B	1			1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U		1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5			0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ		0.5 U		0.5 U	0.5 U		0.5 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2			0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U		0.2 U	0.2 U		0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5			0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5			0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5			0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		0.5 U	0.5 U		0.5 U	0.5 U
SVOCs and PCBs (ug/L)																				
Phenol	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U		1 U	1 U
bis(2-Chloroethyl)ether	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U		1 U	1 U
2-Chlorophenol	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U	1 U		1 U	1 U
1,3-Dichlorobenzene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U		1 UJ		1 U	1 U		1 U	1 U
1,4-Dichlorobenzene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U		1 UJ		1 U	1 U		1 U	1 U
Benzyl Alcohol	EPA 8270D	5			5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 U		5 U				5 UJ	5 UJ		5 UJ	5 UJ
1,2-Dichlorobenzene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
2-Methylphenol	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
4-Methylphenol	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
Hexachloroethane	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 UJ				1 U	1 U		1 U	1 U
Nitrobenzene	EPA 8270D	1			1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Isophorone	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
2-Nitrophenol	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
2,4-Dimethylphenol	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Benzoic Acid	EPA 8270D	10			10 U	10 U	10 U	10 U	10 U	10 U	10 UJ		10 U				10 U	10 U		10 U	10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
2,4-Dichlorophenol	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
1,2,4-Trichlorobenzene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Naphthalene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
4-Chloroaniline	EPA 8270D	5			5 UR	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
Hexachlorobutadiene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 UJ				1 U	1 U		1 U	1 U
4-Chloro-3-methylphenol	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
2-Methylnaphthalene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Hexachlorocyclopentadiene	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
2,4,6-Trichlorophenol	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
2,4,5-Trichlorophenol	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
2-Chloronaphthalene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
2-Nitroaniline	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
Dimethylphthalate	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Acenaphthylene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
3-Nitroaniline	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
Acenaphthene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
2,4-Dinitrophenol	EPA 8270D	10			10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UR		10 UJ				10 UJ	10 U		10 U	10 U
4-Nitrophenol	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
Dibenzofuran	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
2,6-Dinitrotoluene	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
2,4-Dinitrotoluene	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
Diethylphthalate	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
4-Chlorophenyl-phenylether	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Fluorene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
4-Nitroaniline	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10			10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U				10 U	10 U		10 U	10 U
N-Nitrosodiphenylamine	EPA 8270D	1			1 U	1 UJ	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
4-Bromophenyl-phenylether	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Hexachlorobenzene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Pentachlorophenol	EPA 8270D	5			5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U				5 U	5 U		5 U	5 U
Phenanthrene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Carbazole	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Anthracene	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U
Di-n-Butylphthalate	EPA 8270D	1			1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U				1 U	1 U		1 U	1 U

Table 3-2c:
2-40s Area Groundwater Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location: / Depth (ft bgs): / Sample ID: / Sample Date:	PL2-321A 8 - 18 2-40-PL2-321A-W-08-0 7/21/2008	PL2-401A 8 - 18 2-40-PL2-401A-W-08-0 7/24/2008	PL2-410A 8 - 18 2-40-PL2-410A-W-08-0 7/21/2008	PL2-410A 8 - 18 2-40-PL2-410A-W-08-1 7/21/2008	PL2-420A 8 - 18 2-40-PL2-420A-W-08-0 7/23/2008	PL2-420A 8 - 18 2-40-PL2-420A-W-08-1 7/23/2008	PL2-420B 35 - 45 2-40-PL2-420B-W-35-0 10/23/2008	PL2-420B 35 - 45 2-40-PL2-420B-W-35-1 10/23/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-0 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-0 Reextract 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-1 8/7/2008	PL2-420C 75.5 - 80.5 2-40-PL2-420C-W-80-1 Reextract 8/7/2008	PL2-425A 8 - 18 2-40-PL2-425A-W-08-0 7/23/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-0 8/6/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-0 Reextract 8/6/2008	PL2-425B 40 - 45 2-40-PL2-425B-W-40-1 8/6/2008	PL2-425C 77 - 82 2-40-PL2-425C-W-80-0 8/6/2008
Fluoranthene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
Pyrene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
Butylbenzylphthalate	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
3,3'-Dichlorobenzidine	EPA 8270D	5		5 UR	5 U	5 U	5 U	5 U	5 U	5 U		5 U		5 U		5 U	5 U		5 U	5 UR
Benzo(a)anthracene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1		1 U	1.2 J	1 U	1 U	2 U	15 U	1 U		1 U		1 U		1 U	1 U		1 U	3.5
Chrysene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
Di-n-octylphthalate	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
Benzo(a)pyrene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1		1 U	1 UJ	1 U	1 U	1 UJ	1 UJ	1 U		1 UJ		1 UJ		1 UJ	1 U		1 U	1 U
Dibenz(a,h)anthracene	EPA 8270D	1		1 U	1 UJ	1 U	1 U	1 U	1 U	1 U		1 UJ		1 UJ		1 U	1 U		1 U	1 U
Benzo(g,h,i)perylene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 UJ		1 UJ		1 U	1 UJ		1 UJ	1 UJ
1-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U		1 U		1 U	1 U		1 U	1 U
Naphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.13 R
2-Methylnaphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 UR
1-Methylnaphthalene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 UR
Acenaphthylene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 UR
Acenaphthene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 UR
Fluorene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.11 R
Phenanthrene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.12 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.15 R	0.1 UJ	0.1 U	0.15 R
Anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.13 R	0.1 UJ	0.1 U	0.13 R
Fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.14 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.19 R	0.1 UJ	0.1 U	0.15 R
Pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.15 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.21 R	0.1 UJ	0.1 U	0.16 R
Benzo(a)anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.13 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.2 R	0.1 UJ	0.1 U	0.14 R
Chrysene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.15 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.19 R	0.1 UJ	0.1 U	0.13 R
Benzo(b)fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.15 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.19 R	0.1 UJ	0.1 U	0.12 R
Benzo(k)fluoranthene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.16 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.22 R	0.1 UJ	0.1 U	0.16 R
Benzo(a)pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UR	0.16 R	0.1 UJ	0.1 U	0.1 R
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.13 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.17 R	0.1 UJ	0.1 U	0.1 R
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.12 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.15 R	0.1 UJ	0.1 U	0.12 R
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.14 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UR	0.17 R	0.1 UJ	0.1 U	0.11 R
Dibenzofuran	EPA 8270DSIM	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1 UR	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UR	0.1 UJ	0.1 U	0.1 R
Aroclor 1016	EPA 8082	0.01																		
Aroclor 1242	EPA 8082	0.01																		
Aroclor 1248	EPA 8082	0.01																		
Aroclor 1254	EPA 8082	0.01																		
Aroclor 1260	EPA 8082	0.01																		
Aroclor 1221	EPA 8082	0.01																		
Aroclor 1232	EPA 8082	0.01																		
Aroclor 1262	EPA 8082	0.01																		
Aroclor 1268	EPA 8082	0.01																		
Total PCB	EPA 8082	0.01																		
Inorganics (µg/L)																				
Cyanide (Total)	EPA 335.2	5			7	5 U											5 U	5 U		
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5			5 U	5 U											5 U	5 U		
Metals (Total) (µg/L)																				
Aluminum	EPA 6010B	50		810	50 U	70	50	50 U	50 U	80	80	250 U			250 U		50 U	140		250 U
Antimony	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U			250 U		50 U	50 U		250 U
Arsenic	EPA 200.8	0.2		1.3	6	12.6	12.6	0.5 U	0.5 U	0.5 U	0.5 U	5			10		18.2	2		5 U
Barium	EPA 6010B	3		12	6	5	4	7	8	45	46	400			410		8	84		240
Beryllium	EPA 6010B	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U			5 U		1 U	1 U		5 U
Cadmium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U			2 U		0.2 U	0.5 U		2 U
Calcium	EPA 6010B	50		32400	13200	5360	5310	12800	13100	116000	114000	386000			386000		24300	69300		297000
Chromium	EPA 200.8	0.5		1	3	1.5	1.6	1.6	1.6	2 U	2 U	5 U			5 U		2	1 U		5 U
Cobalt	EPA 6010B	3		3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	20 U			20 U		3 U	3 U		20 U
Copper	EPA 200.8	0.5		7.8	0.7	0.6	0.6	0.5 U	0.5 U	1	1	11			12		0.5 U	2		5 U
Iron	EPA 6010B	50		730	21500	13200	13600	11500	11800	42700	42500	39700			40600		40500	17500		2610
Lead	EPA 200.8	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U			10 U		1 U	2 U		10 U
Magnesium	EPA 6010B	50		8840	12300	10100	10500	19200	19700	140000	143000	1050000			1080000		12800	130000		883000
Manganese	EPA 6010B	1		74	624	280	293	264	270	2270	2260	2650			2730		542	651		268
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U		0.02 U	0.02 U		0.02 U
Molybdenum	EPA 6010B	5		6	5 U	5 U	5 U	5 U	5 U	17	15	50			50		5	11		50
Nickel	EPA 200.8	0.5		1.8	0.5	1.2	1.2	0.5	0.6	2.8	2.7	12			12		0.8	2		10
Selenium	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U			250 U		50 U	50 U		250 U
Silver	EPA 200.8	0.2		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U			2 U		0.2 UJ	0.5 U		2 U
Thallium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U			2 U		0.2 U	0.5 U		2 U
Tin	EPA 6010B	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U			50 U		10 U	10 U		50 UJ
Vanadium	EPA 6010B	3		7	18	11	11	11	12	3 U	3 U	20 U			20 U		6	3 U		20 U
Zinc	EPA 6010B	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50			60		10 U	30		50 U
Metals (Dissolved) (µg/L)																				
Aluminum	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U			250 U		50 U	50 U		250 U
Antimony	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U			250 U		50 U	50 U		250 U
Arsenic	EPA 200.8	0.2		1.1	6	12.7	12.3	0.5 U	0.5 U	0.5 U	0.5 U	4			5 U		19	3		5 U
Barium	EPA 6010B	3		9	6	4	4	8	8	47	46	400			400		7	83		230
Beryllium	EPA 6010B	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U			5 U		1 U	1 U		5 U
Cadmium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U			2 U		0.2 U	0.5 U		2 U
Calcium	EPA 6010B	50		32700	13300	5290	4900	13800	13800	116000	112000	382000			397000		23800	68500		297000
Chromium	EPA 200.8	0.5		0.8	2.1 J	2	2	1.6	1.7	2 U	2 U	5 U			5 U		0.8	1 U		5 U
Chromium(VI)	A35000	11																		
Cobalt	EPA 6010B	3		3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	20 U			20 U		3 U	3 U		20 U
Copper	EPA 200.8	0.5		8.3	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.8	0.9	9			9		0.5 U	1 U		5 U
Iron	EPA 6010B	50		50 U	21800	13500	13400	12400	12400	44600	42700	39600			39400		40000	17100		2340
Lead	EPA 200.8	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U			10 U		1 U	2 U		10 U
Magnesium	EPA 6010B	50		8930	12700	10100	9990	20500	20400	145000	141000	1060000			1050000		12400	129000		862000
Manganese	EPA 6010B	1		42	635	283	280	281	280	2380	2280	2700			2620		541	644		255
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U		0.02 U	0.02 U		0.02 U
Molybdenum	EPA 6010B	5		6	5 U	5 U	5 U	5 U	5 U	17	16	50			50		5	8		60
Nickel	EPA 200.8	0.5		1.6	0.7	1.2	1.1	0.5 U	0.6	2.7	2.7	12			13		0.8	2		10
Selenium	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U			250 U		50 U	50 U		250 U
Silver	EPA 200.8	0.2		0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U			2 U		0.2 UJ	0.5 U		2 U
Thallium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U			2 U		0.2 U	0.5 U		2 U
Tin	EPA 6010B	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U			50 U		10 U	10 U		50 U
Vanadium	EPA 6010B	3		5	17	10	10	12	12	3 U	3 U	20 U			20 U		6	3 U		20 U
Zinc	EPA 6010B	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U			50 U		10 U	20		50 U
Petroleum Hydrocarbons (µg/L)																				
TPH - Gasoline Range	NWTPH-Gx	250																		
TPH - Diesel Range	NWTPH-Dx-Cleaned	250																		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500																		
Conventional Parameters (mg/L)																				
Total Dissolved Solids	EPA 160.1	10						662000		2840		27100000					322000	4510000		21900000
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0_NO3	0.1		5.5	0.1 UJ	0.1 U		0.1 U		1 U		100 U					0.1 U	20 U		50 U
Nitrite (as Nitrogen) (mg-N/L)	EPA 300.0_NO2	0.1		0.1 U	0.1 UJ	0.1 U		0.1 U		1 U		100 U					0.1 U	20 U		50 U
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1	0.01		0.01 U	0.66	1.34		1.25		4.27		0.252					0.612	19.2		63
Sulfate	EPA 300.0_SO4	0.1		21900	100 U	100 U		100		60.7		1540000					100 U	100 U		130000
Sulfide	EPA 376.2	0.05		50 U	50 U	50 U		50 U		0.05 U		50 U					50 U	50 U		50 U
Total Organic Carbon	EPA 415.1	1.5		8500	13300	9630		13300		9.03		7880					8890	13100		27600
Density (g/mL)	GRAV	-						0.977		0.992		1					0.987	0.987		0.997

Table 3-2c:
2-40s Area Groundwater Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	PL2-425C 77 - 82 2-40-PL2-425C-W-80-0 Reextract 8/6/2008	PL2-430A 15 - 25 2-40-PL2-430A-W-08-0 7/22/2008	PL2-430A 15 - 25 2-40-PL2-430A-W-08-1 7/22/2008	PL2-435A 8 - 18 2-40-PL2-435A-W-08-0 7/21/2008	PL2-435A 8 - 18 2-40-PL2-435A-W-08-1 7/21/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 Dilution 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 Reextract 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-1 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-1 Dilution 8/7/2008	PL2-435C 79 - 84 2-40-PL2-435C-W-80-0 8/12/2008	PL2-440A 8 - 18 2-40-PL2-440A-W-08-0 7/24/2008	PL2-440A 8 - 18 2-40-PL2-440A-W-08-1 7/24/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 Dilution 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 Reextract 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 8/12/2008
VOCs (ug/L)																			
Chloromethane	EPA 8260B	0.2		0.2 U	0.3	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Bromomethane	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	30 U		0.5 U	30 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	100 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2		1	0.9	0.2 U	0.2 U	380 ES	3700		390 ES	3800	1.1	0.2 U	0.2 U	280 ES	860 E	690	290 ES
Chloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Methylene Chloride	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	60 U		0.5 U	60 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	200 U	0.5 U
Acetone	EPA 8260B	3		3 U	3 U	3 U	3 U	3 U	150 U		3 U	150 U	4.1	3.4 J	3 UR	3 U	150 U	500 U	3.2
Carbon Disulfide	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	2.2	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.4	30 U		0.4	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 UJ	100 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	4	30 U		4.1	30 U	0.2 U	0.2 U	0.2 U	2.9	10 U	100 U	3
cis-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	49 E	49		50 E	47	0.5	0.2 U	0.2 U	3.9	10 U	100 U	3.9
Chloroform	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	1.8	0.3	0.3	0.2 U	10 U	100 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.3	30 U		0.3	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
2-Butanone	EPA 8260B	2.5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	150 UR		2.5 U	150 UR	2.9	2.5 UR	2.5 UR	2.5 U	120 U	500 U	2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 UJ	100 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Vinyl Acetate	EPA 8260B	1		1 U	1 U	1 U	1 U	1 U	150 U		1 U	150 U	1 U	1 U	1 U	1 U	50 U	500 U	1 U
Bromodichloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Trichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2	0.2	0.2 U	10 U	100 U	0.2 U
Dibromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Benzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.8	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1		1 U	1 U	1 U	1 U	1 U	150 UR		1 U	150 UR	1 U	1 UR	1 UR	1 U	50 U	500 U	1 U
Bromoform	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	150 U		2.5 U	150 U	2.5 U	2.5 UR	2.5 UR	2.5 U	120 U	500 U	2.5 U
2-Hexanone	EPA 8260B	2.5		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	150 U		2.5 U	150 U	2.5 U	2.5 UR	2.5 UR	2.5 U	120 U	500 U	2.5 U
Tetrachloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Toluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	1.4	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Chlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Ethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Styrene	EPA 8260B	0.2		0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 UJ	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	60 U		0.2 U	60 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	200 U	0.2 U
m,p-Xylene	EPA 8260B	0.4		0.4 UJ	0.4 UJ	0.4 U	0.4 UJ	0.4 U	30 UJ		0.4 U	30 UJ	0.4 U	0.4 U	0.4 U	0.4 U	20 U	100 U	0.4 U
o-Xylene	EPA 8260B	0.2		0.2 UJ	0.2 UJ	0.2 U	0.2 UJ	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Acrolein	EPA 8260B	5		5 U	5 U	5 UR	5 U	5 UR	300 UR		5 UR	300 UR	5 UR	5 UR	5 UR	5 UR	250 UR	1000 U	5 UR
Methyl Iodide	EPA 8260B	1		1 U	1 U	1 U	1 U	1 U	30 U		1 U	30 U	1 U	1 U	1 U	1 U	50 U	100 U	1 U
Bromoethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	60 U		0.2 U	60 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	200 U	0.2 U
Acrylonitrile	EPA 8260B	1		1 U	1 U	1 U	1 U	1 U	150 U		1 U	150 U	1 U	1 UR	1 UR	1 U	50 U	500 U	1 U
1,1-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Dibromomethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	150 U		0.5 U	150 U	0.5 U	0.5 UR	0.5 UR	0.5 U	25 U	500 U	0.5 U
1,2,3-Trichloropropane	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	60 U		0.5 UJ	60 U	0.5 UJ	0.5 U	0.5 U	0.5 UJ	25 U	200 U	0.5 UJ
trans-1,4-Dichloro-2-butene	EPA 8260B	1		1 U	1 U	1 U	1 U	1 U	150 U		1 U	150 U	1 U	1 U	1 U	1 U	50 U	500 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	150 U		0.5 U	150 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	25 U	500 U	0.5 U
Ethylene Dibromide	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Bromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
Bromobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 UJ		0.2 U	30 UJ	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	30 U		0.2 U	30 U	0.2 U	0.2 U	0.2 U	0.2 U	10 U	100 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	150 U		0.5 U	150 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	0.5 U
Naphthalene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	150 U		0.5 U	150 U	0.5 U	1.5	1.4	0.5 U	25 U	500 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	150 U		0.5 U	150 U	0.5 U	0.5 U	0.5 U	0.5 U	25 U	500 U	0.5 U
SVOCs and PCBs (ug/L)																			
Phenol	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
bis(2-Chloroethyl)ether	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
2-Chlorophenol	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
1,3-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 UJ					1 U	1 U	1 U	1 U			1 U
1,4-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 UJ					1 U	1 U	1 U	1 U			1 U
Benzyl Alcohol	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
1,2-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
2-Methylphenol	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
4-Methylphenol	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
Hexachloroethane	EPA 8270D	1		1 U	1 U	1 U		1 UJ					1 U	1 U	1 U	1 U			1 U
Nitrobenzene	EPA 8270D	1		1 UJ	1 UJ	1 UJ		1 U					1 U	1 U	1 U	1 U			1 U
Isophorone	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
2-Nitrophenol	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
2,4-Dimethylphenol	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Benzoic Acid	EPA 8270D	10		10 U	10 U	10 U		10 U					10 U	10 U	10 U	10 U			10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
2,4-Dichlorophenol	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
1,2,4-Trichlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Naphthalene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1	1.1	1 U			1 U
4-Chloroaniline	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
Hexachlorobutadiene	EPA 8270D	1		1 U	1 U	1 U		1 UJ					1 U	1 U	1 U	1 U			1 U
4-Chloro-3-methylphenol	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
2-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Hexachlorocyclopentadiene	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
2,4,6-Trichlorophenol	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
2,4,5-Trichlorophenol	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
2-Chloronaphthalene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
2-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
Dimethylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Acenaphthylene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
3-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
Acenaphthene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
2,4-Dinitrophenol	EPA 8270D	10		10 UJ	10 UJ	10 UJ		10 UJ					10 UJ	10 UJ	10 UJ	10 UJ			10 UJ
4-Nitrophenol	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
Dibenzofuran	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
2,6-Dinitrotoluene	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
2,4-Dinitrotoluene	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
Diethylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
4-Chlorophenyl-phenylether	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Fluorene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
4-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10		10 U	10 U	10 U		10 U					10 U	10 U	10 U	10 U			10 U
N-Nitrosodiphenylamine	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 UJ	1 UJ	1 U			1 U
4-Bromophenyl-phenylether	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Hexachlorobenzene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Pentachlorophenol	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
Phenanthrene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Carbazole	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Anthracene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Di-n-Butylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U

Table 3-2c:
2-40s Area Groundwater Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	PL2-425C 77 - 82 2-40-PL2-425C-W-80-0 Reextract 8/6/2008	PL2-430A 15 - 25 2-40-PL2-430A-W-08-0 7/22/2008	PL2-430A 15 - 25 2-40-PL2-430A-W-08-1 7/22/2008	PL2-435A 8 - 18 2-40-PL2-435A-W-08-0 7/21/2008	PL2-435A 8 - 18 2-40-PL2-435A-W-08-1 7/21/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 Dilution 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-0 Reextract 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-1 8/7/2008	PL2-435B 40 - 45 2-40-PL2-435B-W-40-1 Dilution 8/7/2008	PL2-435C 79 - 84 2-40-PL2-435C-W-80-0 8/12/2008	PL2-440A 8 - 18 2-40-PL2-440A-W-08-0 7/24/2008	PL2-440A 8 - 18 2-40-PL2-440A-W-08-1 7/24/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 Dilution 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-0 Reextract 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 8/12/2008
Fluoranthene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Pyrene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Butylbenzylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
3,3'-Dichlorobenzidine	EPA 8270D	5		5 U	5 U	5 U		5 U					5 U	5 U	5 U	5 U			5 U
Benzo(a)anthracene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1.7
Chrysene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Di-n-octylphthalate	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Benzo(b)fluoranthene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Benzo(k)fluoranthene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Benzo(a)pyrene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1		1 U	1 U	1 U		1 UJ					1 U	1 UJ	1 UJ	1 UJ			1 UJ
Dibenz(a,h)anthracene	EPA 8270D	1		1 U	1 U	1 U		1 UJ					1 U	1 UJ	1 UJ	1 UJ			1 UJ
Benzo(g,h,i)perylene	EPA 8270D	1		1 U	1 U	1 U		1 UJ					1 U	1 U	1 U	1 UJ			1 UJ
1-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U		1 U					1 U	1 U	1 U	1 U			1 U
Naphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.91	0.91	0.1 U			0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.17	0.19	0.1 U			0.1 U
Acenaphthylene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Acenaphthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Fluorene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Phenanthrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Dibenzofuran	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U		0.1 UJ		0.1 UJ			0.1 U	0.1 U	0.1 U	0.1 U			0.1 U
Aroclor 1016	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Aroclor 1242	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Aroclor 1248	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Aroclor 1254	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Aroclor 1260	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Aroclor 1221	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Aroclor 1232	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Aroclor 1262	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Aroclor 1268	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Total PCB	EPA 8082	0.01		0.01 U	0.01 U											0.01 U			0.01 U
Inorganics (µg/L)																			
Cyanide (Total)	EPA 335.2	5		10	9	113	114	5 U			5 U		5 UJ	264	291	15			14
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5		5 U	5 U	16	14	5 U			5 U		5 U	248	234	5 U			5 U
Metals (Total) (µg/L)																			
Aluminum	EPA 6010B	50		60	50 U	3740	60	430			320		100 U	250000	248000	70			70
Antimony	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U			50 U		100 U	100 U	100 U	50 U			50 U
Arsenic	EPA 200.8	0.2		36.1	35.6	3	2.6	0.5 U			0.5 U		6	2	2	0.5 U			0.4
Barium	EPA 6010B	3		10	12	23	10	18			18		98	6 U	7	10			10
Beryllium	EPA 6010B	1		1 U	1 U	1 U	1 U	1 U			1 U		2 U	9	10	1 U			1 U
Cadmium	EPA 200.8	0.2		0.2	0.3	0.2 U	0.2 U	0.2 U			0.2 U		1 U	3	3	0.2 U			0.2 U
Calcium	EPA 6010B	50		34800	34100	16400	13700	29200			29700		190000	172000	173000	35000			37300
Chromium	EPA 200.8	0.5		5.4	6	5	4	1 U			1 U		2 U	18	19	2 U			1 U
Cobalt	EPA 6010B	3		3 U	3 U	3 U	3 U	3 U			3 U		6 U	94	94	3 U			3 U
Copper	EPA 200.8	0.5		0.5 U	0.5 U	1.7	0.5 U	13			12		2 U	41	41	1.5			1.8
Iron	EPA 6010B	50		40900	41600	20100	17700	20000			20300		8930	16200	16100	27100			27300
Lead	EPA 200.8	1		1 U	1 U	1 U	1 U	1 U			1 U		5 U	5 U	5 U	1 U			1 U
Magnesium	EPA 6010B	50		6350	6440	9870	9140	23800			24200		485000	43900	43600	26000			26400
Manganese	EPA 6010B	1		1320	1360	544	522	1050			1070		669	4090	4040	1220			1200
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U		0.02 U	0.02 U	0.02 U	0.02 U			0.02 U
Molybdenum	EPA 6010B	5		5	5	5 U	5 U	6			5		20	10	10	5 U			5
Nickel	EPA 200.8	0.5		1.3	1.3	1.7	0.6	1.1			1.1		7	208	205	0.8			0.8
Selenium	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U			50 U		100 U	100 U	100 U	50 U			50 U
Silver	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U		1 U	1 U	1 U	0.2 U			0.2 U
Thallium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U		1 U	1 U	1 U	0.2 U			0.2 U
Tin	EPA 6010B	10		10 U	10 U	10 U	10 U	10 U			10 U		20 U	20 U	20 U	10 U			10 U
Vanadium	EPA 6010B	3		19	19	28	19	3 U			3 U		6 U	87	86	3 U			3 U
Zinc	EPA 6010B	10		50	10 U	10 U	10 U	50			50		820	2490	2490	20			20
Metals (Dissolved) (µg/L)																			
Aluminum	EPA 6010B	50		60	50 U	50 U	50 U	50 U			50 U		100 U	250000	254000	50 U			50 U
Antimony	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U			50 U		100 U	100 U	100 U	50 U			50 U
Arsenic	EPA 200.8	0.2		36.4	36.6	2.9	2.9	0.5 U			0.5 U		5	2	1	0.5 U			0.5 U
Barium	EPA 6010B	3		10	13	11	10	18			18		105	7	7	10			10
Beryllium	EPA 6010B	1		1 U	1 U	1 U	1 U	1 U			1 U		2 U	10	10	1 U			1 U
Cadmium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U		1 U	4	3	0.2 U			0.2 U
Calcium	EPA 6010B	50		34100	34500	13200	13200	29800			29500		184000	174000	176000	35900			34400
Chromium	EPA 200.8	0.5		5.4	5.5	4	4	1 U			1 U		2 U	20	18	2 U			1 U
Chromium(VI)	A3500D	11		11 UJ	15 J														
Cobalt	EPA 6010B	3		3 U	3 U	3 U	3 U	3 U			3 U		6 U	94	95	3 U			3 U
Copper	EPA 200.8	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U			0.5 U		2 U	43	39	0.5 U			0.5 U
Iron	EPA 6010B	50		41600	42300	17700	17800	20100			20000		10100	16100	16400	27100			26600
Lead	EPA 200.8	1		1 U	1 U	1 U	1 U	1 U			1 U		5 U	5 U	5 U	1 U			1 U
Magnesium	EPA 6010B	50		6460	6620	9320	9170	24600			24400		498000	43700	44400	26500			26100
Manganese	EPA 6010B	1		1330	1390	530	537	1120			1120		650	3980	4040	1220			1200
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U			0.02 U		0.0293	0.02 U	0.02 U	0.02 U			0.02 U
Molybdenum	EPA 6010B	5		5	5 U	5 U	5 U	5 U			6		20	10	10	6			6
Nickel	EPA 200.8	0.5		0.9	0.8	0.6	0.6	0.9			1		7	213	196	0.7			0.7
Selenium	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U			50 U		100 U	100 U	100 U	50 U			50 U
Silver	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U		1 U	1 U	1 U	0.2 U			0.2 U
Thallium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			0.2 U		1 U	1 U	1 U	0.2 U			0.2 U
Tin	EPA 6010B	10		10 U	10 U	10 U	10 U	10 U			10 U		20 U	20 U	20 U	10 U			10 U
Vanadium	EPA 6010B	3		19	19	18	19	3 U			3 U		6 U	86	87	3 U			3 U
Zinc	EPA 6010B	10		10 U	10 U	10 U	10 U	30			30		650	2480	2510	20			10
Petroleum Hydrocarbons (µg/L)																			
TPH - Gasoline Range	NWTPH-Gx	250												250 U	250 U	250 U			250 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	250												250 U	250 U	250 U			250 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500												500 U	500 U	500 U			500 U
Conventional Parameters (mg/L)																			
Total Dissolved Solids	EPA 160.1	10				776000		438000					12000000	3480000	3500000	638000			560000
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0_NO3	0.1				0.1 U		0.1 U					5 UJ	3.2 J	3.1 J	0.1 U			0.1 U
Nitrite (as Nitrogen) (mg-N/L)	EPA 300.0_NO2	0.1				0.1 U		0.1 U					5 UJ	1 UJ	1 UJ	0.1 U			0.1 U
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1	0.01				3.01		1.52					31.4	30.2	35	1.95			2.16
Sulfate	EPA 300.0_SO4	0.1				100 U		1600					5000 U	2200000	2450000	1100			1100
Sulfide	EPA 376.2	0.05				50 U		50 U					50 U	50 U	50 U	50 U			50 U
Total Organic Carbon	EPA 415.1	1.5				32800		8270					24600	14100	14100	6930 J			6930
Density (g/mL)	GRAV	-				0.982		0.982					0.987	0.992	0.987	0.992			0.987

Table 3-2c:
2-40s Area Groundwater Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 Dilution 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 Reextraction 8/12/2008	PL2-440C 80 - 85 2-40-PL2-440C-W-80-0 8/12/2008	PL2-441A 8 - 18 2-40-PL2-441A-W-08-0 7/21/2008	PL2-441A 8 - 18 2-40-PL2-441A-W-08-1 7/21/2008	PL2-441BR 35 - 45 2-40-PL2-441B-W-35-0 10/23/2008	PL2-441BR 35 - 45 2-40-PL2-441B-W-35-1 10/23/2008	PL2-441C 77 - 82 2-40-PL2-441C-W-80-0 8/11/2008	PL2-442A 8 - 18 2-40-PL2-442A-W-08-0 7/23/2008	PL2-442A 8 - 18 2-40-PL2-442A-W-08-1 7/23/2008	PL2-442B 35 - 45 2-40-PL2-442B-W-35-0 10/23/2008	PL2-442B 35 - 45 2-40-PL2-442B-W-35-1 10/23/2008	PL2-442C 70.5 - 80.5 2-40-PL2-442C-W-80-0 8/6/2008	PL2-443A 8 - 23 2-40-PL2-443A-W-08-0 7/22/2008	PL2-443A 8 - 23 2-40-PL2-443A-W-08-1 7/22/2008	PL2-443B 35 - 45 2-40-PL2-443B-W-35-0 10/23/2008	PL2-443B 35 - 45 2-40-PL2-443B-W-35-X 10/27/2008	PL2-443C 70 - 75 2-40-PL2-443C-W-80-0 8/7/2008
VOCs (µg/L)																				
Chloromethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U		0.2 U
Bromomethane	EPA 8260B	0.5	25 UJ	100 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
Vinyl Chloride	EPA 8260B	0.2	940 E	640	0.2 U	0.2 U	0.2 U	0.3	0.3	0.2 U	0.2 U	0.2 U	0.2	0.2	0.2 U	0.2 U	0.2 U	0.2		0.2 U
Chloroethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Methylene Chloride	EPA 8260B	0.5	25 U	200 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
Acetone	EPA 8260B	3	150 U	500 U	3 U	3 U	3 U	3.7	3 U	3 U	3 U	3 U	4.2	4.4	3 U	3 U	3 U	3 U		3 U
Carbon Disulfide	EPA 8260B	0.2	10 U	100 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1-Dichloroethene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1-Dichloroethane	EPA 8260B	0.2	10 UJ	100 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U		0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8	0.8	0.3	0.3	1.9 J	0.3	0.4	0.2 U		0.2 U
Chloroform	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.2 U	0.2 U	0.2 U	0.2 U	0.8	0.2 U	0.2 U	0.2 U		0.4
1,2-Dichloroethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
2-Butanone	EPA 8260B	2.5	120 U	500 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR		2.5 U
1,1,1-Trichloroethane	EPA 8260B	0.2	10 UJ	100 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Carbon Tetrachloride	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Vinyl Acetate	EPA 8260B	1	50 U	500 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
Bromodichloromethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2-Dichloropropane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Trichloroethene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Dibromochloromethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Benzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
2-Chloroethylvinylether	EPA 8260B	1	50 U	500 U	1 U	1 U	1 U	1 UR	1 UR	1 U	1 U	1 U	1 UR	1 UR	1 UR	1 U	1 U	1 UR		1 UR
Bromoform	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5	120 U	500 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 UR		2.5 U
2-Hexanone	EPA 8260B	2.5	120 U	500 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U
Tetrachloroethene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Toluene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4	0.4	0.3	0.2 U	0.2 U	0.2 U		0.2 U
Chlorobenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Ethylbenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Styrene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ		0.2 U
Trichlorofluoromethane	EPA 8260B	0.2	10 U	100 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2	10 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
m,p-Xylene	EPA 8260B	0.4	20 U	100 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 U		0.4 U
o-Xylene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U		0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Acrolein	EPA 8260B	5	250 UR	1000 U	5 UR	5 U	5 U	5 UR	5 UR	5 UR	5 U	5 U	5 UR	5 UR	5 UR	5 U	5 U	5 UR		5 UR
Methyl Iodide	EPA 8260B	1	50 U	100 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
Bromoethane	EPA 8260B	0.2	10 U	200 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Acrylonitrile	EPA 8260B	1	50 U	500 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
1,1-Dichloropropene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Dibromomethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5	25 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
1,2,3-Trichloropropane	EPA 8260B	0.5	25 U	200 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U		0.5 UJ
trans-1,4-Dichloro-2-butene	EPA 8260B	1	50 U	500 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Hexachlorobutadiene	EPA 8260B	0.5	25 U	500 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ		0.5 U
Ethylene Dibromide	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Bromochloromethane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
2,2-Dichloropropane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,3-Dichloropropane	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Isopropylbenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
n-Propylbenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
Bromobenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
2-Chlorotoluene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
4-Chlorotoluene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
tert-Butylbenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
sec-Butylbenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
4-Isopropyltoluene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
n-Butylbenzene	EPA 8260B	0.2	10 U	100 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5	25 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
Naphthalene	EPA 8260B	0.5	25 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5	25 U	500 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U
SVOCs and PCBs (µg/L)																				
Phenol	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
bis(2-Chloroethyl)ether	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
2-Chlorophenol	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
1,3-Dichlorobenzene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 UJ
1,4-Dichlorobenzene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 UJ
Benzyl Alcohol	EPA 8270D	5			5 U	5 U		5 U		5 U	5 UJ	5 UJ	5 U		5 UJ	5 U	5 U	5 U		5 U
1,2-Dichlorobenzene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 UJ
2-Methylphenol	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
4-Methylphenol	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
Hexachloroethane	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 UJ
Nitrobenzene	EPA 8270D	1			1 U	1 UJ		1 U		1 U	1 U	1 U	1 U		1 U	1 UJ	1 UJ	1 U		1 U
Isophorone	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
2-Nitrophenol	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
2,4-Dimethylphenol	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Benzoic Acid	EPA 8270D	10			10 U	10 U		10 UJ		10 U	10 U	10 U	10 UJ		10 U	10 U	10 U	10 UJ		10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
2,4-Dichlorophenol	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
1,2,4-Trichlorobenzene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 UJ
Naphthalene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
4-Chloroaniline	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
Hexachlorobutadiene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 UJ
4-Chloro-3-methylphenol	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
2-Methylnaphthalene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Hexachlorocyclopentadiene	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
2,4,6-Trichlorophenol	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
2,4,5-Trichlorophenol	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
2-Chloronaphthalene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
2-Nitroaniline	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
Dimethylphthalate	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Acenaphthylene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
3-Nitroaniline	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
Acenaphthene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
2,4-Dinitrophenol	EPA 8270D	10			10 UJ	10 UJ		10 UR		10 UJ	10 UJ	10 UJ	10 UR		10 U	10 UJ	10 UJ	10 UR		10 UJ
4-Nitrophenol	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
Dibenzofuran	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
2,6-Dinitrotoluene	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
2,4-Dinitrotoluene	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
Diethylphthalate	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
4-Chlorophenyl-phenylether	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Fluorene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
4-Nitroaniline	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10			10 U	10 U		10 U		10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U		10 U
N-Nitrosodiphenylamine	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
4-Bromophenyl-phenylether	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Hexachlorobenzene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Pentachlorophenol	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
Phenanthrene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Carbazole	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Anthracene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Di-n-Butylphthalate	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U

Table 3-2c:
2-40s Area Groundwater Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 Dilution 8/12/2008	PL2-440B 40.5 - 45.5 2-40-PL2-440B-W-40-1 Reextraction 8/12/2008	PL2-440C 80 - 85 2-40-PL2-440C-W-80-0 8/12/2008	PL2-441A 8 - 18 2-40-PL2-441A-W-08-0 7/21/2008	PL2-441A 8 - 18 2-40-PL2-441A-W-08-1 7/21/2008	PL2-441BR 35 - 45 2-40-PL2-441B-W-35-0 10/23/2008	PL2-441BR 35 - 45 2-40-PL2-441B-W-35-1 10/23/2008	PL2-441C 77 - 82 2-40-PL2-441C-W-80-0 8/11/2008	PL2-442A 8 - 18 2-40-PL2-442A-W-08-0 7/23/2008	PL2-442A 8 - 18 2-40-PL2-442A-W-08-1 7/23/2008	PL2-442B 35 - 45 2-40-PL2-442B-W-35-0 10/23/2008	PL2-442B 35 - 45 2-40-PL2-442B-W-35-1 10/23/2008	PL2-442C 70.5 - 80.5 2-40-PL2-442C-W-80-0 8/6/2008	PL2-443A 8 - 23 2-40-PL2-443A-W-08-0 7/22/2008	PL2-443A 8 - 23 2-40-PL2-443A-W-08-1 7/22/2008	PL2-443B 35 - 45 2-40-PL2-443B-W-35-0 10/23/2008	PL2-443B 35 - 45 2-40-PL2-443B-W-35-X 10/27/2008	PL2-443C 70 - 75 2-40-PL2-443C-W-80-0 8/7/2008
Fluoranthene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Pyrene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Butylbenzylphthalate	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
3,3'-Dichlorobenzidine	EPA 8270D	5			5 U	5 U		5 U		5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U		5 U
Benzo(a)anthracene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1			1 U	1 U		1 U		4.4	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Chrysene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Di-n-octylphthalate	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Benzo(b)fluoranthene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Benzo(k)fluoranthene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Benzo(a)pyrene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1			1 UJ	1 U		1 U		1 U	1 UJ	1 UJ	1 U		1 U	1 U	1 U	1 U		1 UJ
Dibenz(a,h)anthracene	EPA 8270D	1			1 UJ	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 UJ
Benzo(g,h,i)perylene	EPA 8270D	1			1 UJ	1 U		1 U		1 U	1 U	1 U	1 U		1 UJ	1 U	1 U	1 U		1 UJ
1-Methylnaphthalene	EPA 8270D	1			1 U	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Naphthalene	EPA 8270DSIM	0.1			0.33	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1			0.2	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Acenaphthylene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Acenaphthene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Fluorene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Phenanthrene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Anthracene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Fluoranthene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Pyrene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Chrysene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 UJ
Dibenzofuran	EPA 8270DSIM	0.1			0.1 U	0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U		0.1 U
Aroclor 1016	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Aroclor 1242	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Aroclor 1248	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Aroclor 1254	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Aroclor 1260	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Aroclor 1221	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Aroclor 1232	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Aroclor 1262	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Aroclor 1268	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Total PCB	EPA 8082	0.01			0.01 U						0.01 U	0.01 U								
Inorganics (µg/L)																				
Cyanide (Total)	EPA 335.2	5			6	5 U		5 U	5 U	5 UJ	14	15	6 J	6 J	5 U	5 U	5 U		5 U	12
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5			5 UJ	5 U		5 U	5 U	5 U	5 U	5 U	5 UJ	8 J	5 U	5 U	5 U		5 U	5 U
Metals (Total) (µg/L)																				
Aluminum	EPA 6010B	50			100 U	50 U		100	100	250 U	50 U	50 U	70	60	250 U	50 U	50 U	50 U		250 U
Antimony	EPA 6010B	50			100 U	50 U		50 U	50 U	250 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U		250 U
Arsenic	EPA 200.8	0.2			5	3.6		1.4	1.6	6	5.8	5.4	0.5 U	0.5 U	5 U	0.9	1.1	2 U		8
Barium	EPA 6010B	3			161	16		8	9	250	14	20	42	43	330	46	48	182		390
Beryllium	EPA 6010B	1			2 U	1 U		1 U	1 U	5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U		5 U
Cadmium	EPA 200.8	0.2			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U
Calcium	EPA 6010B	50			203000	19600		25300	26500	176000	29500	29900	99900	102000	375000	44900	44600	237000		410000
Chromium	EPA 200.8	0.5			2 U	1 U		5 U	5 U	5 U	1.2	1.1	5 U	5 U	5 U	1	1	2 U		5 U
Cobalt	EPA 6010B	3			6 U	3 U		3 U	3 U	20 U	3 U	3 U	3 U	3 U	20 U	3 U	3 U	3 U		20 U
Copper	EPA 200.8	0.5			2 U	0.5 U		0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5	0.6	8	1.2	1.2	4		14
Iron	EPA 6010B	50			17900	27600		28100	29500	12400	27800	28600	57700	58700	45000	11800	11500	45800		41000
Lead	EPA 200.8	1			5 U	1 U		1 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	5 U		10 U
Magnesium	EPA 6010B	50			582000	11200		18500	19400	692000	25700	26100	125000	128000	969000	49600	49800	463000		895000
Manganese	EPA 6010B	1			412	439		1020	1070	693	844	866	2990	3050	2080	503	500	2930		2900
Mercury	EPA 7470A	0.02			0.0285	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Molybdenum	EPA 6010B	5			20	5 U		9	7	40	7	7	15	16	50	6	7	14		60
Nickel	EPA 200.8	0.5			6	0.5 U		0.7	0.7	6	1.1	1.1	2.4	2.4	10	1.7	1.6	6		13
Selenium	EPA 6010B	50			100 U	50 U		50 U	50 U	250 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U		250 U
Silver	EPA 200.8	0.2			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U
Thallium	EPA 200.8	0.2			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U
Tin	EPA 6010B	10			20 U	10 U		10 U	10 U	50 UJ	10 U	10 U	10 U	10 U	50 UJ	10 U	10 U	10 U		50 UJ
Vanadium	EPA 6010B	3			6 U	7		3 U	3 U	20 U	7	7	3 U	3 U	20 U	5	5	3 U		20 U
Zinc	EPA 6010B	10			20 U	10 U		10 U	10 U	50 U	10 U	10 U	10 U	10 U	50	10 U	10 U	10 U		50 U
Metals (Dissolved) (µg/L)																				
Aluminum	EPA 6010B	50			100 U	50 U		50 U	50 U	250 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	100 U		250 U
Antimony	EPA 6010B	50			100 U	50 U		50 U	50 U	250 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	100 U		250 U
Arsenic	EPA 200.8	0.2			5	3.9		1	1.6	8	5.4	5.5	0.5 U	0.5 U	5	1.2	1.4	2 U		5
Barium	EPA 6010B	3			159	15		8	7	270	18	14	45	46	320	37	37	204		450
Beryllium	EPA 6010B	1			2 U	1 U		1 U	1 U	5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	2 U		5 U
Cadmium	EPA 200.8	0.2			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U
Calcium	EPA 6010B	50			212000	18700		25800	25500	172000	30800	31200	101000	101000	381000	40400	40700	259000		425000
Chromium	EPA 200.8	0.5			2 U	1		2 U	2 U	5 U	1.2	1.1	5 U	2 U	5 U	1	0.8 J	2 U		5 U
Chromium(VI)	A3500D	11																12 UJ		11 UJ
Cobalt	EPA 6010B	3			6 U	3 U		3 U	3 U	20 U	3 U	3 U	3 U	3 U	20 U	3 U	3 U	6 U		20 U
Copper	EPA 200.8	0.5			2 U	0.5 U		0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	6	1	1	5		7
Iron	EPA 6010B	50			17600	27400		28700	28600	11300	28300	28100	58900	59100	44300	9930	9590	50800		44100
Lead	EPA 200.8	1			5 U	1 U		1 U	1 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	5 U		10 U
Magnesium	EPA 6010B	50			602000	11000		19300	19100	675000	26700	26700	127000	126000	956000	46800	45700	515000		981000
Manganese	EPA 6010B	1			405	451		1060	1050	700	849	845	3080	3090	2030	454	440	3200		3280
Mercury	EPA 7470A	0.02			0.0297	0.02 U		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U		0.02 U
Molybdenum	EPA 6010B	5			20	5 U		8	9	50	5	6	17	16	60	6	6	30		60
Nickel	EPA 200.8	0.5			6	0.5 U		0.7	0.7	6	1	1	2.2	2.2	10	1.4	1.5	7		13
Selenium	EPA 6010B	50			100 U	50 U		50 U	50 U	250 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	100 U		250 U
Silver	EPA 200.8	0.2			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U
Thallium	EPA 200.8	0.2			1 U	0.2 U		0.2 U	0.2 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U	1 U		2 U
Tin	EPA 6010B	10			20 U	10 U		10 U	10 U	50 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	20 U		50 U
Vanadium	EPA 6010B	3			6 U	7		3 U	3 U	20 U	8	7	3 U	3 U	20 U	5	5	6 U		20 U
Zinc	EPA 6010B	10			20 U	10 U		10 U	10 U	130	10 U	10 U	10 U	10 U	50 U	10 U	10 U	20 U		50 U
Petroleum Hydrocarbons (µg/L)																				
TPH - Gasoline Range	NWTPH-Gx	250			250 U						250 U	250 U	250 U	250 U	250 U					
TPH - Diesel Range	NWTPH-Dx-Cleaned	250			250 U						250 U	500 J	250 U	250 U	250 U					
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500			500 U						510	3400	500 U	500 U	500 U					
Conventional Parameters (mg/L)																				
Total Dissolved Solids	EPA 160.1	10			14900000	156000		436		18900000	466000	458000	2000		25500000	1510000		6030		25800000
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0_NO3	0.1			5 UJ	0.1 U		0.1 U		2 U	0.1 U	0.1 U	0.1 U		50 U	0.1 U		1 U		100 U
Nitrite (as Nitrogen) (mg-N/L)	EPA 300.0_NO2	0.1			5 UJ	0.1 U		0.1 U		2 U	0.1 U	0.1 U	0.1 U		50 U	0.1 U		1 U		100 U
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1	0.01			42	2.08		1.57		19.2	1.48	1.41	5.88		23.1	0.555		6.62		23.4
Sulfate	EPA 300.0_SO4	0.1			5000 U	100		0.1 U		2000 U	100 U	100 U	0.1 U		1300000	91800		343		1430000
Sulfide	EPA 376.2	0.05			50 UJ	50 U		0.05 U		50 U	50 U	58	0.05 U		50 U	50 U		0.05 U		50 U
Total Organic Carbon	EPA 415.1	1.5			38800 J	7790		8.09		14100	14700	14500	10.2		9940	3540		10.1		6650
Density (g/mL)	GRAV	-			0.997	0.982		0.988		0.992	0.982	0.987	0.987		0.997	0.977		0.992		0.997

Table 3-2c:
2-40s Area Groundwater Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	PL2-443C 70 - 75 2-40-PL2-443C-W-80-0 Reextract 8/7/2008	PL2-444A 10 - 25 2-40-PL2-444A-W-10-0 7/23/2008	PL2-444A 10 - 25 2-40-PL2-444A-W-10-1 7/23/2008	PL2-445A 10 - 25 2-40-PL2-445A-W-10-0 7/24/2008	PL2-445A 10 - 25 2-40-PL2-445A-W-10-1 7/24/2008	PL2-446A 8 - 18 2-40-PL2-446A-W-08-0 7/22/2008	PL2-446A 8 - 18 2-40-PL2-446A-W-08-1 7/22/2008	PL2-447A 8 - 18 2-40-PL2-447A-W-08-0 7/22/2008	PL2-447A 8 - 18 2-40-PL2-447A-W-08-1 7/22/2008	PL2-608A 6 - 21 2-40-PL2-608A-W-06-0 8/11/2008	PL2-608A 6 - 21 2-40-PL2-608A-W-06-1 8/11/2008	PL2-608B 40.5 - 45.5 2-40-PL2-608B-W-40-0 8/11/2008	PL2-608C 79 - 84 2-40-PL2-608C-W-80-0 8/11/2008	PL2-BF03A 8 - 18 2-40-PL2-BF03A-W-08-0 7/24/2008	PL2-BF03A 8 - 18 2-40-PL2-BF03A-W-08-1 7/24/2008
VOCs (ug/L)																	
Chloromethane	EPA 8260B	0.2		1	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromomethane	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.8	1.1	1	0.2 U	0.2 U	2.4 J	0.2 U	0.2 U	0.2 U
Chloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methylene Chloride	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	EPA 8260B	3		3 U	3 U	3 UR	3 UR	3 U	3 U	3 U	3 U	3 U	3 U	3 U	4.3	3 UR	3 UR
Carbon Disulfide	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U
1,1-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,2-Dichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	1.8	1.8	0.4	0.4	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chloroform	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Butanone	EPA 8260B	2.5		2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR
1,1,1-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vinyl Acetate	EPA 8260B	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
cis-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
trans-1,3-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chloroethylvinylether	EPA 8260B	1		1 U	1 U	1 UR	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UR	1 UR
Bromoform	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Methyl isobutyl ketone	EPA 8260B	2.5		2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR
2-Hexanone	EPA 8260B	2.5		2.5 U	2.5 U	2.5 UR	2.5 UR	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UR	2.5 UR
Tetrachloroethene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Toluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Chlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Ethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Styrene	EPA 8260B	0.2		0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
m,p-Xylene	EPA 8260B	0.4		0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 UJ	0.4 UJ	0.4 UJ	0.4 UJ	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
o-Xylene	EPA 8260B	0.2		0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,4-Dichlorobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrolein	EPA 8260B	5		5 U	5 U	5 UR	5 UR	5 U	5 U	5 U	5 U	5 UR	5 UR	5 UR	5 UR	5 UR	5 UR
Methyl Iodide	EPA 8260B	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acrylonitrile	EPA 8260B	1		1 U	1 U	1 UR	1 UR	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UR	1 UR
1,1-Dichloropropene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibromomethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	0.5		0.5 U	0.5 U	0.5 UR	0.5 UR	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UR	0.5 UR
1,2,3-Trichloropropane	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trimethylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
Ethylene Dibromide	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromochloromethane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,2-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,3-Dichloropropane	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isopropylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Propylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Bromobenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Chlorotoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
tert-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
sec-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
4-Isopropyltoluene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
n-Butylbenzene	EPA 8260B	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	EPA 8260B	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
SVOCs and PCBs (ug/L)																	
Phenol	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl)ether	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Alcohol	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachloroethane	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Nitrobenzene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Isophorone	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitrophenol	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzoic Acid	EPA 8270D	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloroaniline	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dimethylphthalate	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrophenol	EPA 8270D	10		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-Nitrophenol	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibenzofuran	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Diethylphthalate	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Chlorophenyl-phenylether	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluorene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitrosodiphenylamine	EPA 8270D	1		1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
4-Bromophenyl-phenylether	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Anthracene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-Butylphthalate	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-2c:
2-40s Area Groundwater Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	PL2-443C 70 - 75 2-40-PL2-443C-W-80-0 Reextract 8/7/2008	PL2-444A 10 - 25 2-40-PL2-444A-W-10-0 7/23/2008	PL2-444A 10 - 25 2-40-PL2-444A-W-10-1 7/23/2008	PL2-445A 10 - 25 2-40-PL2-445A-W-10-0 7/24/2008	PL2-445A 10 - 25 2-40-PL2-445A-W-10-1 7/24/2008	PL2-446A 8 - 18 2-40-PL2-446A-W-08-0 7/22/2008	PL2-446A 8 - 18 2-40-PL2-446A-W-08-1 7/22/2008	PL2-447A 8 - 18 2-40-PL2-447A-W-08-0 7/22/2008	PL2-447A 8 - 18 2-40-PL2-447A-W-08-1 7/22/2008	PL2-608A 6 - 21 2-40-PL2-608A-W-06-0 8/11/2008	PL2-608A 6 - 21 2-40-PL2-608A-W-06-1 8/11/2008	PL2-608B 40.5 - 45.5 2-40-PL2-608B-W-40-0 8/11/2008	PL2-608C 79 - 84 2-40-PL2-608C-W-80-0 8/11/2008	PL2-BF03A 8 - 18 2-40-PL2-BF03A-W-08-0 7/24/2008	PL2-BF03A 8 - 18 2-40-PL2-BF03A-W-08-1 7/24/2008
Fluoranthene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Butylbenzylphthalate	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3,3'-Dichlorobenzidine	EPA 8270D	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzo(a)anthracene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1		1 U	8.8 U	23 J	1.7 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octylphthalate	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	1		1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Dibenz(a,h)anthracene	EPA 8270D	1		1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Benzo(g,h,i)perylene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1-Methylnaphthalene	EPA 8270D	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
1-Methylnaphthalene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluorene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Phenanthrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Chrysene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(b)fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(k)fluoranthene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(a)pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenz(a,h)anthracene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(g,h,i)perylene	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	EPA 8270DSIM	0.1	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor 1016	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Aroclor 1242	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Aroclor 1248	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Aroclor 1254	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Aroclor 1260	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Aroclor 1221	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Aroclor 1232	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Aroclor 1262	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Aroclor 1268	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Total PCB	EPA 8082	0.01						0.01 U	0.01 U	0.01 U	0.01 U					0.01 U	0.01 U
Inorganics (µg/L)																	
Cyanide (Total)	EPA 335.2	5		8	11	6	5 U	5 U	5 U	5 U	5 U					5 U	5 U
Cyanide (Weak Acid Dissociable)	SM4500CN-I	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U					5 U	5 U
Metals (Total) (µg/L)																	
Aluminum	EPA 6010B	50		50 U	50 U	100	130	50 U	50 U	50	50 U	70	50 U	120	250 U	50 U	50 U
Antimony	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U
Arsenic	EPA 200.8	0.2		1	1.1	5	5.1	1.2	1.2	2.4	2.4	14	13.8	0.4	5 U	2.8	3
Barium	EPA 6010B	3		8	8	34	35	18	17	14	14	19	10	7	210	8	8
Beryllium	EPA 6010B	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Cadmium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U
Calcium	EPA 6010B	50		17700	17600	25700	26000	35600	36300	19300	20300	50600	26300	26200	232000	24100	24300
Chromium	EPA 200.8	0.5		1.8	1.9	3	3	7.4	7.5	56.1	68	1 U	1 U	1 U	5 U	0.9	0.9
Cobalt	EPA 6010B	3		3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	20 U	19	19
Copper	EPA 200.8	0.5		0.5 U	5.3	0.5 U	0.9	0.6	0.6	0.5 U	0.5 U	1	0.7	9.6	5 U	2.5	2.6
Iron	EPA 6010B	50		18700	18800	28400	29000	4470	4610	21400	22000	57700	29900	15300	18300	4980	4310
Lead	EPA 200.8	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Magnesium	EPA 6010B	50		17100	17000	22400	22800	12500	12700	10600	11100	14000	7280	16100	712000	10300	10400
Manganese	EPA 6010B	1		519	517	1220	1240	363	377	566	587	2830	1470	968	357	1250	1320
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5		5 U	5 U	6	5 U	14	14	13	12	7	5 U	9	40	7	6
Nickel	EPA 200.8	0.5		0.7	0.8	0.8	0.8	1.5	1.6	1.1	1.1	1	1	0.7	6	8.3	9
Selenium	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U
Silver	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ	2 U	0.2 U	0.2 U
Thallium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U
Tin	EPA 6010B	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U
Vanadium	EPA 6010B	3		11	11	11	11	4	4	11	11	12	6	3 U	20 U	18	17
Zinc	EPA 6010B	10		10 U	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	40	50 U	10 U	10 U
Metals (Dissolved) (µg/L)																	
Aluminum	EPA 6010B	50		50 U	50 U	50 U	50 U	50	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U
Antimony	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U
Arsenic	EPA 200.8	0.2		1	1.1	5.5	5.4	1.2	1.2	2.4	2.3	13.1	13	0.3	6	2.9	2.8
Barium	EPA 6010B	3		8	8	36	34	17	17	13	13	19	19	7	220	7	7
Beryllium	EPA 6010B	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Cadmium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U
Calcium	EPA 6010B	50		17500	17400	26700	26300	36300	35900	19300	19200	50600	49900	26500	229000	25000	25000
Chromium	EPA 200.8	0.5		1.9	1.9	3	3	7	7.7	59.4	59.8	1 U	1 U	1 U	5 U	1 U	1 U
Chromium(VI)	A3500D	11						11 UJ	11 UJ	11 UJ	11 UJ						
Cobalt	EPA 6010B	3		3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	20 U	20	19
Copper	EPA 200.8	0.5		0.5 U	0.5 U	0.5 U	0.5 U	6.7	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	2.3	2.1
Iron	EPA 6010B	50		18600	18400	29600	28200	3990	4370	21100	20600	56100	56400	15200	18600	5340	5770
Lead	EPA 200.8	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
Magnesium	EPA 6010B	50		17100	17000	23900	22700	12600	12700	10900	10700	13700	13800	16300	724000	10900	11000
Manganese	EPA 6010B	1		524	523	1280	1210	317	355	566	565	2750	2780	969	356	1300	1260
Mercury	EPA 7470A	0.02		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Molybdenum	EPA 6010B	5		5 U	5 U	5	5	13	14	11	11	7	7	9	40	6	5
Nickel	EPA 200.8	0.5		0.7	0.7	0.9	0.8	1.6	1.1	1.1	1	1	1	0.6	6	8.5	7.6
Selenium	EPA 6010B	50		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U
Silver	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.8	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U
Thallium	EPA 200.8	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	0.2 U
Tin	EPA 6010B	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U
Vanadium	EPA 6010B	3		11	10	10	11	4	4	10	10	12	12	3 U	20 U	16	15
Zinc	EPA 6010B	10		10 U	10 U	10 U	10 U	10	10 U	10 U	10 U	10 U	10 U	30	50 U	10 U	10 U
Petroleum Hydrocarbons (µg/L)																	
TPH - Gasoline Range	NWTPH-Gx	250		250 U	250 U	250 U	250 U										
TPH - Diesel Range	NWTPH-Dx-Cleaned	250		250 U	250 U	250 U	250 U										
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	500		500 U	500 U	500 U	500 U										
Conventional Parameters (mg/L)																	
Total Dissolved Solids	EPA 160.1	10										332000		282000	17700000		
Nitrate (as Nitrogen) (mg-N/L)	EPA 300.0_NO3	0.1								0.1 U		0.1 U		0.1 U	2 U		
Nitrite (as Nitrogen) (mg-N/L)	EPA 300.0_NO2	0.1								0.1 U		0.1 U		0.1 U	2 U		
Ammonia (as Nitrogen) (mg-N/L)	EPA 350.1	0.01								1.2		9.95		0.732	47		
Sulfate	EPA 300.0_SO4	0.1								3200		20100		700	2000 U		
Sulfide	EPA 376.2	0.05								50 U		50 U		50 U	50 U		
Total Organic Carbon	EPA 415.1	1.5								13300		13000		5280	40200 J		
Density (g/mL)	GRAV	-										0.982		0.987	0.992		

Table 5-1a:
Explanation of Data Qualifiers 2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Qualifiers Used by the Contract Laboratory – Analytical Resources, Inc.	
U	The compound was analyzed for, but not detected at the reported concentration.
J	Indicates an estimated concentration when a value is less than the calculated reporting limit.
D	Indicates the surrogate/spike(s) was not detected, due to dilution of extract.
NR	Indicates the surrogate recovery cannot be reported due to matrix interference.
E	Indicates a value above the linear range of the detector, sample dilution is required.
S	Indicates no value reported due to saturation of the detector, sample dilution required.
NA	Indicates compound was not analyzed for.
M	Indicates an estimated value of analyte found and confirmed by the analyst but with a low spectral match (GC-MS).
B	Indicates possible/probable blank contamination. Flagged when the analyte is detected in the blank as well as in the sample.
Y	Indicates raised reporting limit due to background interference or to activity in the instrument. Compound is still not detected at or above the raised level.
C	Indicates a probably detection that cannot be confirmed due to matrix interferences.
P	Indicates a high RPD between detected concentrations for dual column GC analyses without obvious interference.
Data Validation Qualifiers for Organic Analyses	
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Table 5-1a:
Explanation of Data Qualifiers 2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Validation Qualifiers for Inorganic Analyses	
U	The compound was analyzed for, but was not detected above the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-001 0 - 1 2-40-DP-01-01-S-0 6/25/2008	2-40-DP-001 4 - 5 2-40-DP-01-04-S-0 6/25/2008	2-40-DP-001 9 - 10 2-40-DP-01-09-S-0 6/25/2008	2-40-DP-002 0 - 1 2-40-DP-02-01-S-0 6/26/2008	2-40-DP-002 4 - 5 2-40-DP-02-04-S-0 6/26/2008	2-40-DP-002 9 - 10 2-40-DP-02-09-S-0 6/26/2008	2-40-DP-003 0 - 1 2-40-DP-03-01-S-0 6/25/2008	2-40-DP-003 4 - 5 2-40-DP-03-04-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 Reanalysis 6/25/2008	2-40-DP-004 0 - 1 2-40-DP-04-01-S-0 6/12/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 UJ
Methylene Chloride	EPA 8260B	828	2		2 U	2.3 U	1.9 U	4.3 U	2.5 U	2.5 U	3 U	2 U	2.7 U	160 U	4.7 U
Acetone	EPA 8260B	355000	5		16	7.9 U	14	21	18	23	18	8.1 U	6.7 U	410 U	83
Carbon Disulfide	EPA 8260B	3640	1		3	1.1 U	3.2	1.1 U	1.2 U	2.4	1.3	1.1	1.3 U	81 U	1.1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Chloroform	EPA 8260B	140	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
2-Butanone	EPA 8260B	802000	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	6.1
Trichloroethene	EPA 8260B	2	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Benzene	EPA 8260B	25.3	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	19	81 U	1.1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	5.4 U
Tetrachloroethene	EPA 8260B	8.72	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Toluene	EPA 8260B	109000	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	2.3 J	81 U	1.1 U
Ethylbenzene	EPA 8260B	18100	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	210	470	1.1 U
Styrene	EPA 8260B	71	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
m,p-Xylene	EPA 8260B	2910000000	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	800 ES	2700	1.1 U
o-Xylene	EPA 8260B	143000	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	2.2	81 U	1.1 U
1,4-Dichlorobenzene	EPA 8260B		1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	5.6	81 U	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	20	81 U	1.1 U
Isopropylbenzene	EPA 8260B	49800	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	16	81 U	1.1 U
n-Propylbenzene	EPA 8260B	13600	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	5.4	81 U	1.1 U
sec-Butylbenzene	EPA 8260B	7860	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
4-Isopropyltoluene	EPA 8260B		1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.4	81 U	1.1 U
n-Butylbenzene	EPA 8260B	4640	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Naphthalene	EPA 8260B	39400	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	7.7 UR	410 U	5.4 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67		65 U	66 U	63 U								
4-Methylphenol	EPA 8270D	13100	67		65 U	66 U	63 U								
Naphthalene	EPA 8270D	39400	67		65 U	66 U	63 U								
2-Methylnaphthalene	EPA 8270D		67		65 U	66 U	63 U								
Acenaphthylene	EPA 8270D		67		65 U	66 U	63 U								
Acenaphthene	EPA 8270D	32400	67		65 U	66 U	63 U								
Dibenzofuran	EPA 8270D		67		65 U	66 U	63 U								
Diethylphthalate	EPA 8270D	79300	67		65 U	66 U	63 U								
Fluorene	EPA 8270D	270000	67		65 U	66 U	63 U								
Phenanthrene	EPA 8270D		67		65 U	66 U	63 U								
Carbazole	EPA 8270D		67		65 U	66 U	63 U								
Anthracene	EPA 8270D	6080000	67		65 U	66 U	63 U								
Fluoranthene	EPA 8270D	44000	67		65 U	66 U	63 U								
Pyrene	EPA 8270D	1750000	67		65 U	66 U	63 U								
Benzo(a)anthracene	EPA 8270D	41.9	67		65 U	66 U	63 U								
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		65 U	66 U	63 U								
Chrysene	EPA 8270D	46.6	67		65 U	66 U	63 U								
Benzo(b)fluoranthene	EPA 8270D	144	67		65 U	66 U	63 U								
Benzo(k)fluoranthene	EPA 8270D	144	67		65 U	66 U	63 U								
Benzo(a)pyrene	EPA 8270D	113	67		65 U	66 U	63 U								
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		65 U	66 U	63 U								
Dibenz(a,h)anthracene	EPA 8270D	210	67		65 U	66 U	63 U								
Benzo(g,h,i)perylene	EPA 8270D		67		65 U	66 U	63 U								
1-Methylnaphthalene	EPA 8270D		67		65 U	66 U	63 U								
Naphthalene	EPA 8270DSIM	39400	5		4.7 U	4.7 U	4.7 U								
2-Methylnaphthalene	EPA 8270DSIM		5		4.7 U	4.7 U	4.7 U								
1-Methylnaphthalene	EPA 8270DSIM		5		4.7 U	4.7 U	4.7 U								
Acenaphthylene	EPA 8270DSIM		5		4.7 U	4.7 U	4.7 U								
Acenaphthene	EPA 8270DSIM	32400	5		4.7 U	4.7 U	4.7 U								
Fluorene	EPA 8270DSIM	270000	5		4.7 U	4.7 U	4.7 U								
Phenanthrene	EPA 8270DSIM		5		4.7 U	7	4.7 U								
Anthracene	EPA 8270DSIM	6080000	5		4.7 U	4.7	4.7 U								
Fluoranthene	EPA 8270DSIM	44000	5		4.7 U	4.7 U	4.7 U								
Pyrene	EPA 8270DSIM	1750000	5		4.7 U	4.7 U	4.7 U								
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		4.7 U	4.7 U	4.7 U								
Chrysene	EPA 8270DSIM	46.6	5		4.7 U	4.7 U	4.7 U								
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		4.7 U	4.7 U	4.7 U								
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		4.7 U	4.7 U	4.7 U								
Benzo(a)pyrene	EPA 8270DSIM	113	5		4.7 U	4.7 U	4.7 U								
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		4.7 U	7	4.7 U								
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		4.7 U	7.5	4.7 U								
Benzo(g,h,i)perylene	EPA 8270DSIM		5		4.7 U	7.5	4.7 U								
Dibenzofuran	EPA 8270DSIM		5		4.7 U	4.7 U	4.7 U								

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-001 0 - 1 2-40-DP-01-01-S-0 6/25/2008	2-40-DP-001 4 - 5 2-40-DP-01-04-S-0 6/25/2008	2-40-DP-001 9 - 10 2-40-DP-01-09-S-0 6/25/2008	2-40-DP-002 0 - 1 2-40-DP-02-01-S-0 6/26/2008	2-40-DP-002 4 - 5 2-40-DP-02-04-S-0 6/26/2008	2-40-DP-002 9 - 10 2-40-DP-02-09-S-0 6/26/2008	2-40-DP-003 0 - 1 2-40-DP-03-01-S-0 6/25/2008	2-40-DP-003 4 - 5 2-40-DP-03-04-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 Reanalysis 6/25/2008	2-40-DP-004 0 - 1 2-40-DP-04-01-S-0 6/12/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33												
Aroclor 1254	EPA 8082	33	33												
Aroclor 1260	EPA 8082	33	33												
Aroclor 1262	EPA 8082	33	33												
Total PCB	EPA 8082	33	33												
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		10300	8520	9440	9800	9650	13500	9640	8450	17200		11700
Arsenic	EPA 6010B	7.3	5		5 U	5 U	6 U	5 U	5 U	6 U	5 U	5 U	6 U		5 U
Barium	EPA 6010B	93300	0.3		23.6	23	29.5	41.1	30.3	40.7	27.4	22.7	63.5		43.7
Beryllium	EPA 6010B	222	0.1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1 U	0.2		0.1
Cadmium	EPA 6010B	1.21	0.2		0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U		0.2 U
Calcium	EPA 6010B		5		5580	4120	4250	5050	4770	5650	6170	4210	4210		5170
Chromium	EPA 6010B		0.5		13.5	12.8	12.4	26.2 J	11.4 J	14.3 J	12.7	11.5	17.6		12.8
Cobalt	EPA 6010B		0.3		74.4	4.5	4.5	5.1	3.9	5	7.6	4	6.4		4.8
Copper	EPA 6010B	36.4	0.2		26.5	9.6	12.6	12.1	9.8	20.3	28	9.6	23.6		13.3
Iron	EPA 6010B		5		17500	13000	12600	13700	12000	13700	16800	12200	20600		14900
Lead	EPA 6010B	1000	2		2 U	2 U	2 U	11 J	2 J	2 UJ	2	2 U	3		4
Magnesium	EPA 6010B		5		3670	2530	2480	2930	2570	2800	3730	2450	3560		3140 J
Manganese	EPA 6010B	1146	0.1		202	126	137	152	110	117	192	113	260		143 J
Mercury	EPA 7471A	0.07	0.05		0.05 U	0.04 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U	0.04 U	0.05		0.04 U
Molybdenum	EPA 6010B	6670	0.5		0.7	1	1	0.5 U	0.6	0.6 U	0.8	0.8	1.1		0.5 U
Nickel	EPA 6010B	47.8	1		15	9	9	21 J	8 J	9 J	10	9	13		10
Silver	EPA 6010B	0.323	0.3		7.6	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U		0.3 U
Thallium	EPA 7841	0.669	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1
Tin	EPA 6010B		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
Vanadium	EPA 6010B	9330	0.3		51	40.1	39.5	42.2	38.1	47.9	54.3	40.5	55.1		46.4
Zinc	EPA 6010B	101	1		34	26	24	46	24	27	32	24	28		32
Cyanide	EPA 335.2	0.202	0.05		0.049 U	0.051 U	0.056 U	0.053 U	0.054 U	0.062 U	0.051 U	0.05 U	0.065 U		0.05 U
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		95.5	94.7	85.2	93.2	90.3	78.6	94.7	94.1	74.1		96
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5		5.4 U	5.4 U	5.9 U								
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		5.2 U	5.3 U	5.8 U								
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		10 U	11 U	12 U								

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-004 4 - 5 2-40-DP-04-04-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 Reanalysis 6/12/2008	2-40-DP-005 0 - 1 2-40-DP-05-01-S-0 6/18/2008	2-40-DP-005 4 - 5 2-40-DP-05-04-S-0 6/18/2008	2-40-DP-005 9 - 10 2-40-DP-05-09-S-0 6/18/2008	2-40-DP-006 0 - 1 2-40-DP-06-01-S-0 6/16/2008	2-40-DP-006 4 - 5 2-40-DP-06-04-S-0 6/16/2008	2-40-DP-006 9 - 10 2-40-DP-06-09-S-0 6/16/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 7/3/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 Reanalysis 7/3/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.2 UJ	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 UJ	1.2 UJ	1.4 UJ	0.9 U	0.9 U
Methylene Chloride	EPA 8260B	828	2		3 U	3.1 U	12 U	2.4 U	2.7 U	3 U	1.9 U	2.3 U	2.9 U	1.8 U	1.8 U
Acetone	EPA 8260B	355000	5		28 U	170	130	58	54	110	46	18 U	32 U	45 J	100
Carbon Disulfide	EPA 8260B	3640	1		1.2 U	2	1.8	1.2 U	1.4 U	1.5 U	1.9 U	1.2 U	1.4 U	0.9 U	0.9 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Chloroform	EPA 8260B	140	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
2-Butanone	EPA 8260B	802000	5		6.2 U	21	19	5.9 U	6.7 U	19	4.7 U	5.8 U	7.2 U	4.5 U	5.4
Trichloroethene	EPA 8260B	2	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Benzene	EPA 8260B	25.3	1		1.2 U	7.5	5.1	1.2 U	1.4 U	9.3	0.9 U	1.2 U	1.4 U	0.9 U	1.2
Methyl isobutyl ketone	EPA 8260B	35500	5		6.2 U	7.7 U	7.2 U	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
Tetrachloroethene	EPA 8260B	8.72	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Toluene	EPA 8260B	109000	1		1.2 U	2.1	1.8	1.2 U	1.4 U	5.2	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Ethylbenzene	EPA 8260B	18100	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Styrene	EPA 8260B	71	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
m,p-Xylene	EPA 8260B	2910000000	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
o-Xylene	EPA 8260B	143000	1		1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,4-Dichlorobenzene	EPA 8260B		1		1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Isopropylbenzene	EPA 8260B	49800	1		1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
n-Propylbenzene	EPA 8260B	13600	1		1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
sec-Butylbenzene	EPA 8260B	7860	1		1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
4-Isopropyltoluene	EPA 8260B		1		1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
n-Butylbenzene	EPA 8260B	4640	1		1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Naphthalene	EPA 8260B	39400	5		6.2 U	7.7 UJ	7.2 UJ	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67					66 U	65 U	65 U				63 U	
4-Methylphenol	EPA 8270D	13100	67					66 U	65 U	65 U				63 U	
Naphthalene	EPA 8270D	39400	67					66 U	65 U	65 U				63 U	
2-Methylnaphthalene	EPA 8270D		67					66 U	65 U	65 U				63 U	
Acenaphthylene	EPA 8270D		67					66 U	65 U	65 U				63 U	
Acenaphthene	EPA 8270D	32400	67					66 U	65 U	65 U				63 U	
Dibenzofuran	EPA 8270D		67					66 U	65 U	65 U				63 U	
Diethylphthalate	EPA 8270D	79300	67					66 U	65 U	65 U				63 U	
Fluorene	EPA 8270D	270000	67					66 U	65 U	65 U				63 U	
Phenanthrene	EPA 8270D		67					120	65 U	65 U				63 U	
Carbazole	EPA 8270D		67					66 U	65 U	65 U				63 U	
Anthracene	EPA 8270D	6080000	67					66 U	65 U	65 U				63 U	
Fluoranthene	EPA 8270D	44000	67					210	65 U	67				63 U	
Pyrene	EPA 8270D	1750000	67					290	65 U	80				63 U	
Benzo(a)anthracene	EPA 8270D	41.9	67					100	65 U	65 U				63 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67					130	65 U	65 U				63 U	
Chrysene	EPA 8270D	46.6	67					150	65 U	65 U				63 U	
Benzo(b)fluoranthene	EPA 8270D	144	67					100	65 U	65 U				63 U	
Benzo(k)fluoranthene	EPA 8270D	144	67					78	65 U	65 U				63 U	
Benzo(a)pyrene	EPA 8270D	113	67					66	65 U	65 U				63 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67					66 U	65 U	65 U				63 U	
Dibenz(a,h)anthracene	EPA 8270D	210	67					66 U	65 U	65 U				63 U	
Benzo(g,h,i)perylene	EPA 8270D		67					66 U	65 U	65 U				63 U	
1-Methylnaphthalene	EPA 8270D		67					66 U	65 U	65 U				63 U	
Naphthalene	EPA 8270DSIM	39400	5					5 U	4.9 U	6.4				4.5 U	
2-Methylnaphthalene	EPA 8270DSIM		5					5 U	4.9 U	6.9				4.5 U	
1-Methylnaphthalene	EPA 8270DSIM		5					5 U	4.9 U	6.9				4.5 U	
Acenaphthylene	EPA 8270DSIM		5					5 U	4.9 U	5 U				4.5 U	
Acenaphthene	EPA 8270DSIM	32400	5					5 U	4.9 U	7.9				4.5 U	
Fluorene	EPA 8270DSIM	270000	5					5 U	4.9 U	9.4				4.5 U	
Phenanthrene	EPA 8270DSIM		5					31	4.9 U	29				4.5 U	
Anthracene	EPA 8270DSIM	6080000	5					5 U	4.9 U	7.4				4.5 U	
Fluoranthene	EPA 8270DSIM	44000	5					38	4.9 U	55				4.5 U	
Pyrene	EPA 8270DSIM	1750000	5					32	4.9 U	39				4.5 U	
Benzo(a)anthracene	EPA 8270DSIM	41.9	5					15	4.9 U	13				4.5 U	
Chrysene	EPA 8270DSIM	46.6	5					26	4.9 U	18				4.5 U	
Benzo(b)fluoranthene	EPA 8270DSIM	144	5					16	4.9 U	8.9				4.5 U	
Benzo(k)fluoranthene	EPA 8270DSIM	144	5					13	4.9 U	11				4.5 U	
Benzo(a)pyrene	EPA 8270DSIM	113	5					16	4.9 U	5 U				4.5 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5					12	4.9 U	7.4				4.5 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5					5 U	4.9 U	5 U				4.5 U	
Benzo(g,h,i)perylene	EPA 8270DSIM		5					15	4.9 U	9.9				4.5 U	
Dibenzofuran	EPA 8270DSIM		5					5 U	4.9 U	5.9				4.5 U	

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-004 4 - 5 2-40-DP-04-04-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 Reanalysis 6/12/2008	2-40-DP-005 0 - 1 2-40-DP-05-01-S-0 6/18/2008	2-40-DP-005 4 - 5 2-40-DP-05-04-S-0 6/18/2008	2-40-DP-005 9 - 10 2-40-DP-05-09-S-0 6/18/2008	2-40-DP-006 0 - 1 2-40-DP-06-01-S-0 6/16/2008	2-40-DP-006 4 - 5 2-40-DP-06-04-S-0 6/16/2008	2-40-DP-006 9 - 10 2-40-DP-06-09-S-0 6/16/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 7/3/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 Reanalysis 7/3/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33								32 U	33 U	33 U	30 U	
Aroclor 1254	EPA 8082	33	33								32 U	33 U	33 U	30 U	
Aroclor 1260	EPA 8082	33	33								32 U	33 U	33 U	30 U	
Aroclor 1262	EPA 8082	33	33								32 U	33 U	33 U	30 U	
Total PCB	EPA 8082	33	33								32 U	33 U	33 U	30 U	
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		9640	21800		12100	8250	18700	12200	8650	15100	9950	
Arsenic	EPA 6010B	7.3	5		5 U	10		5 U	5 U	9	5 U	5 U	7 U	5 U	
Barium	EPA 6010B	93300	0.3		44.2	76.9		44.4	25.2	71.2	40.8	30.1	59.2	36.1	
Beryllium	EPA 6010B	222	0.1		0.1	0.3		0.1	0.1 U	0.3	0.1	0.1 U	0.2	0.1	
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.3 U		0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	
Calcium	EPA 6010B		5		4560	6160		4910	3780	5700	5070	3930	4710	5270	
Chromium	EPA 6010B		0.5		13.2	24.1		36.6	13.6	21.2	14.9	10.5	16.3	18.4	
Cobalt	EPA 6010B		0.3		4.7	8.8		6.9	4.7	6.5	5.5	4.3	6.5	11.7	
Copper	EPA 6010B	36.4	0.2		11.4	38.5		16.7	9.7	30.6	14.9	10.3	23	11.8	
Iron	EPA 6010B		5		13700	25100		15500	12600	19000	15000	11500	17400	13800	
Lead	EPA 6010B	1000	2		9	13		6	2 U	13	5	2 U	7	3	
Magnesium	EPA 6010B		5		2820	5830		6850	2480	4750	3410	2400	3450	4080	
Manganese	EPA 6010B	1146	0.1		140	281		161	129	193	168	116	229	180	
Mercury	EPA 7471A	0.07	0.05		0.04 U	0.17		0.05 U	0.05 U	0.11	0.05 U	0.04 U	0.07	0.05 U	
Molybdenum	EPA 6010B	6670	0.5		0.5 U	0.7 U		0.6	1.1	0.7 U	0.5 U	0.5 U	0.7 U	0.5 U	
Nickel	EPA 6010B	47.8	1		9	19		39	8	15	12	8	11	21	
Silver	EPA 6010B	0.323	0.3		0.3 U	0.4 U		0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.9	
Thallium	EPA 7841	0.669	0.1		0.2	0.2		0.2	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.09 U	
Tin	EPA 6010B		1		1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vanadium	EPA 6010B	9330	0.3		42.2	65.6		45.3	39.2	52.8	46.2	37.6	50.4	36	
Zinc	EPA 6010B	101	1		47	59		35	25	53	36	24	33	33	
Cyanide	EPA 335.2	0.202	0.05		0.05 U	0.086		0.118	0.045 U	0.107	0.05 U	0.048 U	0.212	0.049 U	
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		94.6	67.9		95.5	98.2	69.1	94.1	97	67.9	98.8	
Total Organic Carbon (%)	Plumb 1981		0.02											0.264	
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5					6.8 U	16 J	10 U	5.4 U	6 U	10 U		
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5					5.2 U	5.2 U	25 J	6.8 J	5.1 U	14 J		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10					11 J	10 U	71	20	10 U	46		

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 7/3/2008	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 Reanalysis 7/3/2008	2-40-DP-007 9 - 10 2-40-DP-07-09-S-0 7/3/2008	2-40-DP-008 0 - 1 2-40-DP-08-01-S-0 7/3/2008	2-40-DP-008 4 - 5 2-40-DP-08-04-S-0 7/3/2008	2-40-DP-008 9 - 10 2-40-DP-08-09-S-0 7/3/2008	2-40-DP-009 0 - 1 2-40-DP-09-01-S-0 7/7/2008	2-40-DP-009 4 - 5 2-40-DP-09-04-S-0 7/7/2008	2-40-DP-009 9 - 10 2-40-DP-09-09-S-0 7/7/2008	2-40-DP-010 0 - 1 2-40-DP-10-01-S-0 6/23/2008	2-40-DP-010 4 - 5 2-40-DP-10-04-S-0 6/23/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 UJ	0.9 UJ
Methylene Chloride	EPA 8260B	828	2		2.2 U	2.4 U	1.9 U	1.7 U	2 U	2.1 U	2 U	2.4 U	2.4 U	1.9 U	1.8 U
Acetone	EPA 8260B	355000	5		16 U	20 U	50	60	76	24 U	17	31	14	30	50
Carbon Disulfide	EPA 8260B	3640	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
Chloroform	EPA 8260B	140	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
2-Butanone	EPA 8260B	802000	5		4.9 U	5.1 U	4.8 U	4.2 U	9.9	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	8.9
Trichloroethene	EPA 8260B	2	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
Benzene	EPA 8260B	25.3	1		1 U	1 U	1 U	0.8 U	4.2	1 U	1 U	1.2 U	1.2 U	0.9 U	5.1
Methyl isobutyl ketone	EPA 8260B	35500	5		4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U
Tetrachloroethene	EPA 8260B	8.72	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
Toluene	EPA 8260B	109000	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	1.4
Ethylbenzene	EPA 8260B	18100	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
Styrene	EPA 8260B	71	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
m,p-Xylene	EPA 8260B	2910000000	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
o-Xylene	EPA 8260B	143000	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
1,4-Dichlorobenzene	EPA 8260B		1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	1.2	0.9 U
Isopropylbenzene	EPA 8260B	49800	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
n-Propylbenzene	EPA 8260B	13600	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
sec-Butylbenzene	EPA 8260B	7860	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
4-Isopropyltoluene	EPA 8260B		1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
n-Butylbenzene	EPA 8260B	4640	1		1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U
Naphthalene	EPA 8260B	39400	5		4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
4-Methylphenol	EPA 8270D	13100	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Naphthalene	EPA 8270D	39400	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
2-Methylnaphthalene	EPA 8270D		67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Acenaphthylene	EPA 8270D		67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Acenaphthene	EPA 8270D	32400	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Dibenzofuran	EPA 8270D		67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Diethylphthalate	EPA 8270D	79300	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Fluorene	EPA 8270D	270000	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Phenanthrene	EPA 8270D		67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Carbazole	EPA 8270D		67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Anthracene	EPA 8270D	6080000	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Fluoranthene	EPA 8270D	44000	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Pyrene	EPA 8270D	1750000	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Benzo(a)anthracene	EPA 8270D	41.9	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		62 U		63 U	64 U	63 U	66 U	64 U	990	60 U	65 U	64 U
Chrysene	EPA 8270D	46.6	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Benzo(b)fluoranthene	EPA 8270D	144	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Benzo(k)fluoranthene	EPA 8270D	144	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Benzo(a)pyrene	EPA 8270D	113	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Dibenz(a,h)anthracene	EPA 8270D	210	67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Benzo(g,h,i)perylene	EPA 8270D		67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
1-Methylnaphthalene	EPA 8270D		67		62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U
Naphthalene	EPA 8270DSIM	39400	5		4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	15
2-Methylnaphthalene	EPA 8270DSIM		5		4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	23
1-Methylnaphthalene	EPA 8270DSIM		5		4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	15
Acenaphthylene	EPA 8270DSIM		5		4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U
Acenaphthene	EPA 8270DSIM	32400	5		4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U
Fluorene	EPA 8270DSIM	270000	5		4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U
Phenanthrene	EPA 8270DSIM		5		4.6 U		26	4.6 U	4.7	4.7 U	4.6 U	4.8 U	4.7 U	5 U	11
Anthracene	EPA 8270DSIM	6080000	5		4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U
Fluoranthene	EPA 8270DSIM	44000	5		4.6 U		18	5.1	8	4.7 U	4.6 U	4.8 U	4.7 U	5 U	9.4
Pyrene	EPA 8270DSIM	1750000	5		4.6 U		31	5.1	8	4.7 U	4.6 U	4.8 U	4.7 U	5 U	12
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		4.6 U		13	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5.4
Chrysene	EPA 8270DSIM	46.6	5		4.6 U		23	4.6 U	6.1	4.7 U	4.6 U	4.8 U	4.7 U	5 U	6.4
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		4.6 U		16	5.1	6.6	4.7 U	4.6 U	4.8 U	4.7 U	5 U	6.9
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		4.6 U		14	4.6 U	5.2	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5.9
Benzo(a)pyrene	EPA 8270DSIM	113	5		4.6 U		21	4.6 U	5.2	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5.9
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		4.6 U		13	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		4.6 U		6.6	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U
Benzo(g,h,i)perylene	EPA 8270DSIM		5		4.6 U		22	4.6 U	4.7	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U
Dibenzofuran	EPA 8270DSIM		5		4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 7/3/2008	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 Reanalysis 7/3/2008	2-40-DP-007 9 - 10 2-40-DP-07-09-S-0 7/3/2008	2-40-DP-008 0 - 1 2-40-DP-08-01-S-0 7/3/2008	2-40-DP-008 4 - 5 2-40-DP-08-04-S-0 7/3/2008	2-40-DP-008 9 - 10 2-40-DP-08-09-S-0 7/3/2008	2-40-DP-009 0 - 1 2-40-DP-09-01-S-0 7/7/2008	2-40-DP-009 4 - 5 2-40-DP-09-04-S-0 7/7/2008	2-40-DP-009 9 - 10 2-40-DP-09-09-S-0 7/7/2008	2-40-DP-010 0 - 1 2-40-DP-10-01-S-0 6/23/2008	2-40-DP-010 4 - 5 2-40-DP-10-04-S-0 6/23/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33		30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U		
Aroclor 1254	EPA 8082	33	33		30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U		
Aroclor 1260	EPA 8082	33	33		30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U		
Aroclor 1262	EPA 8082	33	33		30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U		
Total PCB	EPA 8082	33	33		30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U		
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		8070		7650	10500	9200	6390	10600	10500	8330	19000	10700
Arsenic	EPA 6010B	7.3	5		5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	6 U
Barium	EPA 6010B	93300	0.3		27		23.4	35.9	29.6	11.6	37	47.5	22.3	48.9	37.3
Beryllium	EPA 6010B	222	0.1		0.1		0.1	0.1	0.1 U	0.1 U	0.1	0.2	0.1 U	0.2 U	0.1
Cadmium	EPA 6010B	1.21	0.2		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U
Calcium	EPA 6010B		5		4070		3870	4360	3940	3540	5650	4910	3740	10900	5290
Chromium	EPA 6010B		0.5		13.5		11.6	18.9	13.2	10	17.6	18.2	12	26	12.9
Cobalt	EPA 6010B		0.3		4.7		4.6	5.2	4.6	3.2	9.5	4.7	3	10.4	4.9
Copper	EPA 6010B	36.4	0.2		12.1		9.6	11.7	11.3	7.1	12.7	15.5	9.4	52.7	13.3
Iron	EPA 6010B		5		13600		12800	13600	12500	9310	14600	13600	10100	25900	13100
Lead	EPA 6010B	1000	2		2 U		2 U	4	10	2 U	5	6	2 U	5 U	5
Magnesium	EPA 6010B		5		2810		2660	3640	2670	1650	4580	3170	1750	9310	2520
Manganese	EPA 6010B	1146	0.1		126		121	183	146	96.1	199	163	92.6	732	165
Mercury	EPA 7471A	0.07	0.05		0.04 U		0.04 U	0.04 U	0.04 U	0.05 U	0.04 U	0.04	0.05 U	0.04 U	0.05 U
Molybdenum	EPA 6010B	6670	0.5		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.7	0.7	1 U	0.8
Nickel	EPA 6010B	47.8	1		10		8	19	11	6	20	16	6	23	9
Silver	EPA 6010B	0.323	0.3		0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3	0.3 U	0.3 U	0.7 U	0.4 U
Thallium	EPA 7841	0.669	0.1		0.1 U		0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U
Vanadium	EPA 6010B	9330	0.3		41.5		38.6	39.2	39.2	38.4	45	43.1	44	60.1	45.9
Zinc	EPA 6010B	101	1		26		24	28	27	28	29	28	19	40	30
Cyanide	EPA 335.2	0.202	0.05		0.049 U		0.05 U	0.05 U	0.049 U	0.05 U	0.053 U	0.388	0.072	0.05 U	0.064 U
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		97.7		98.5	97.8	92.8	95.9	93.9	92.2	96.4	96.7	73.3
Total Organic Carbon (%)	Plumb 1981		0.02		0.368		0.438	0.45	0.495	0.11	0.33	0.585	0.193		
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5											5.1 U	5.2 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5											5.2 U	43 J
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10											10 U	34 J

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-010 9 - 10 2-40-DP-10-09-S-0 6/23/2008	2-40-DP-011 0 - 1 2-40-DP-11-01-S-0 6/24/2008	2-40-DP-011 4 - 5 2-40-DP-11-04-S-0 6/24/2008	2-40-DP-011 9 - 10 2-40-DP-11-09-S-0 6/24/2008	2-40-DP-012 0 - 1 2-40-DP-12-01-S-0 6/20/2008	2-40-DP-012 4 - 5 2-40-DP-12-04-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 Reanalysis 6/20/2008	2-40-DP-013 0 - 1 2-40-DP-13-01-S-0 7/3/2008	2-40-DP-013 4 - 5 2-40-DP-13-04-S-0 7/3/2008	2-40-DP-013 9 - 10 2-40-DP-13-09-S-0 7/3/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.3 UJ	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
Methylene Chloride	EPA 8260B	828	2		2.6 U	2.1 U	4.7 U	2.6 U	2.6 U	2.7 U	3.4 U	3.4 U	2.6 U	17 U	2.5 U
Acetone	EPA 8260B	355000	5		44	27	20	67	31	23	110	110	24 U	42 U	37 U
Carbon Disulfide	EPA 8260B	3640	1		1.3 U	2.3	1.3 U	1.7	1 U	1.4 U	1.7 U	1.7 U	1.3	1.4 U	3.3
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
Chloroform	EPA 8260B	140	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
2-Butanone	EPA 8260B	802000	5		6.4 U	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	19	18	5.4 U	6.9 U	5.7 U
Trichloroethene	EPA 8260B	2	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
Benzene	EPA 8260B	25.3	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	11	8.7	1.1 U	1.4 U	1.1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		6.4 U	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 U	8.6 U	5.4 U	6.9 U	5.7 U
Tetrachloroethene	EPA 8260B	8.72	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
Toluene	EPA 8260B	109000	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	2	1.7 U	1.1 U	1.4 U	1.1 U
Ethylbenzene	EPA 8260B	18100	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
Styrene	EPA 8260B	71	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
m,p-Xylene	EPA 8260B	2910000000	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
o-Xylene	EPA 8260B	143000	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U
1,4-Dichlorobenzene	EPA 8260B		1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U
Isopropylbenzene	EPA 8260B	49800	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U
n-Propylbenzene	EPA 8260B	13600	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U
sec-Butylbenzene	EPA 8260B	7860	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U
4-Isopropyltoluene	EPA 8260B		1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U
n-Butylbenzene	EPA 8260B	4640	1		1.3 U	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U
Naphthalene	EPA 8260B	39400	5		6.4 U	5.7	6.3 U	6.5 U	5.1 U	6.8 U	8.6 UJ	8.6 U	5.4 U	6.9 U	5.7 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
4-Methylphenol	EPA 8270D	13100	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Naphthalene	EPA 8270D	39400	67		66 U	64 U	63 U	62 U	56 U	58 U	110		64 U	64 U	63 U
2-Methylnaphthalene	EPA 8270D		67		66 U	64 U	63 U	62 U	56 U	58 U	70		64 U	64 U	63 U
Acenaphthylene	EPA 8270D		67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Acenaphthene	EPA 8270D	32400	67		66 U	64 U	63 U	62 U	56 U	58 U	120		64 U	64 U	63 U
Dibenzofuran	EPA 8270D		67		66 U	64 U	63 U	62 U	56 U	58 U	100		64 U	64 U	63 U
Diethylphthalate	EPA 8270D	79300	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Fluorene	EPA 8270D	270000	67		66 U	64 U	63 U	62 U	56 U	58 U	160		64 U	64 U	63 U
Phenanthrene	EPA 8270D		67		66 U	120	63 U	62 U	56 U	58 U	520		64 U	64 U	63 U
Carbazole	EPA 8270D		67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Anthracene	EPA 8270D	6080000	67		66 U	64 U	63 U	62 U	56 U	58 U	96		64 U	64 U	63 U
Fluoranthene	EPA 8270D	44000	67		66 U	80	63 U	62 U	56 U	58 U	240		64 U	64 U	63 U
Pyrene	EPA 8270D	1750000	67		66 U	78	63 U	62 U	56 U	58 U	210		64 U	64 U	63 U
Benzo(a)anthracene	EPA 8270D	41.9	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Chrysene	EPA 8270D	46.6	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Benzo(b)fluoranthene	EPA 8270D	144	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Benzo(k)fluoranthene	EPA 8270D	144	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Benzo(a)pyrene	EPA 8270D	113	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Dibenz(a,h)anthracene	EPA 8270D	210	67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Benzo(g,h,i)perylene	EPA 8270D		67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
1-Methylnaphthalene	EPA 8270D		67		66 U	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U
Naphthalene	EPA 8270DSIM	39400	5		5 U	21	4.9 U	4.9 U	4.8 U	4.9 U	24		4.5 U	4.6 U	4.8 U
2-Methylnaphthalene	EPA 8270DSIM		5		5 U	20	4.9 U	4.9 U	4.8 U	4.9 U	19		4.5 U	4.6 U	4.8 U
1-Methylnaphthalene	EPA 8270DSIM		5		5 U	17	4.9 U	4.9 U	4.8 U	4.9 U	19		4.5 U	4.6 U	4.8 U
Acenaphthylene	EPA 8270DSIM		5		5 U	15	4.9 U	4.9 U	4.8 U	4.9 U	5 U		4.5 U	4.6 U	4.8 U
Acenaphthene	EPA 8270DSIM	32400	5		5 U	4.9 U	4.9 U	4.9 U	4.8 U	4.9 U	44		4.5 U	4.6 U	4.8 U
Fluorene	EPA 8270DSIM	270000	5		5 U	18	4.9 U	4.9 U	4.8 U	4.9 U	40		4.5 U	4.6 U	4.8 U
Phenanthrene	EPA 8270DSIM		5		5 U	140	4.9 U	4.9 U	6.3	4.9	120		4.5 U	4.6 U	12
Anthracene	EPA 8270DSIM	6080000	5		5 U	29	4.9 U	4.9 U	4.8 U	4.9 U	18		4.5 U	4.6 U	4.8 U
Fluoranthene	EPA 8270DSIM	44000	5		5 U	94	4.9 U	4.9 U	8.7	4.9 U	120		4.5 U	4.6 U	14
Pyrene	EPA 8270DSIM	1750000	5		5 U	100	4.9 U	4.9 U	6.3	4.9 U	84		4.5 U	4.6 U	11
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		5 U	37	4.9 U	4.9 U	4.8 U	4.9 U	22		4.5 U	4.6 U	4.8 U
Chrysene	EPA 8270DSIM	46.6	5		5 U	41	4.9 U	4.9 U	4.8	4.9 U	26		4.5 U	4.6 U	5.3
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		5 U	26	4.9 U	4.9 U	4.8 U	4.9 U	16		4.5 U	4.6 U	4.8 U
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		5 U	28	4.9 U	4.9 U	4.8 U	4.9 U	18		4.5 U	4.6 U	4.8 U
Benzo(a)pyrene	EPA 8270DSIM	113	5		5 U	35	4.9 U	4.9 U	4.8 U	4.9 U	12		4.5 U	4.6 U	4.8 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		5 U	21	4.9 U	4.9 U	4.8 U	4.9 U	11		4.5 U	4.6 U	4.8 U
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		5 U	4.9 U	4.9 U	4.9 U	4.8 U	4.9 U	5 U		4.5 U	4.6 U	4.8 U
Benzo(g,h,i)perylene	EPA 8270DSIM		5		5 U	22	4.9 U	4.9 U	4.8 U	4.9 U	12		4.5 U	4.6 U	4.8 U
Dibenzofuran	EPA 8270DSIM		5		5 U	9.3	4.9 U	4.9 U	4.8 U	4.9 U	17		4.5 U	4.6 U	4.8 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-010 9 - 10 2-40-DP-10-09-S-0 6/23/2008	2-40-DP-011 0 - 1 2-40-DP-11-01-S-0 6/24/2008	2-40-DP-011 4 - 5 2-40-DP-11-04-S-0 6/24/2008	2-40-DP-011 9 - 10 2-40-DP-11-09-S-0 6/24/2008	2-40-DP-012 0 - 1 2-40-DP-12-01-S-0 6/20/2008	2-40-DP-012 4 - 5 2-40-DP-12-04-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 Reanalysis 6/20/2008	2-40-DP-013 0 - 1 2-40-DP-13-01-S-0 7/3/2008	2-40-DP-013 4 - 5 2-40-DP-13-04-S-0 7/3/2008	2-40-DP-013 9 - 10 2-40-DP-13-09-S-0 7/3/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33						33 U	33 U	33 U		31 U	31 U	32 U
Aroclor 1254	EPA 8082	33	33						33 U	33 U	33 U		31 U	31 U	32 U
Aroclor 1260	EPA 8082	33	33						33 U	33 U	33 U		46	31 U	32 U
Aroclor 1262	EPA 8082	33	33						33 U	33 U	33 U		31 U	31 U	32 U
Total PCB	EPA 8082	33	33						33 U	33 U	33 U		46	31 U	32 U
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		10300	10300	8660	14000	11000	9690	24500		9670	7830	13800
Arsenic	EPA 6010B	7.3	5		7 U	6 U	5 U	6 U	5 U	5 U	11		5 U	5 U	6 U
Barium	EPA 6010B	93300	0.3		32.2	41.3	27.8	47.4	46	34.3	90		30	19.8	50.9
Beryllium	EPA 6010B	222	0.1		0.1 U	0.1	0.1 U	0.2	0.1	0.1	0.4		0.1	0.1 U	0.2
Cadmium	EPA 6010B	1.21	0.2		0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.5		0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		5		4770	5310	3850	4940	4610	4190	6270		6060	4020	5280
Chromium	EPA 6010B		0.5		13.3	12.5	9.7	14.3	14.2	12.9	27.8		18.8	11.1	16.3
Cobalt	EPA 6010B		0.3		4.6	9.2	4.1	3.9	5.2	4.7	9.1		12.6	4.6	6.1
Copper	EPA 6010B	36.4	0.2		13.3	14.9	10.3	19.4	13.8	10.6	44.3		10.9	9.8	17.1
Iron	EPA 6010B		5		13000	14200	11700	14800	15300	13900	29000		13800	13500	17100
Lead	EPA 6010B	1000	2		3 U	4	2 U	3	3	2 U	14		2 U	2 U	2 U
Magnesium	EPA 6010B		5		2300	2900	2370	2960	3120	2890	6690		4670	2630	3640
Manganese	EPA 6010B	1146	0.1		191	164	114	107	163	136	324		214	132	151
Mercury	EPA 7471A	0.07	0.05		0.06 U	0.04	0.05 U	0.05 U	0.04 U	0.05 U	0.2		0.05 U	0.04 U	0.05 U
Molybdenum	EPA 6010B	6670	0.5		0.7 U	0.6 U	0.5 U	0.6 U	1	0.9	1.7		0.5 U	0.5 U	0.6 U
Nickel	EPA 6010B	47.8	1		9	10	9	10	11	10	23		20	8	13
Silver	EPA 6010B	0.323	0.3		0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.5 U		0.5	0.3 U	0.4 U
Thallium	EPA 7841	0.669	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2		0.12	0.09 U	0.1 U
Tin	EPA 6010B		1		1 U	1 U	1 U	1 U	1 U	1 U	2		1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		45.1	40.7	36.1	47.8	45.3	38.9	70.9		36	41.9	44.5
Zinc	EPA 6010B	101	1		23	33	24	26	34	28	72		28	26	34
Cyanide	EPA 335.2	0.202	0.05		0.067 U	0.057 U	0.051 U	0.073	0.077	0.047 U	0.197				
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		68.8	83.5	94.4	76.6	90.8	93.2	60.5				
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5		7.8 J	35 J	6.4 U	7.5 U					5.9 U	6.7 U	6.1 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		5.9 U	6.4 U	5.4 U	6.4 U					5 U	5 U	5.6 J
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		12 U	13	11 U	13 U					10 U	10 U	11 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-014 0 - 1 2-40-DP-14-01-S-0 6/10/2008	2-40-DP-014 4 - 5 2-40-DP-14-04-S-0 6/10/2008	2-40-DP-014 9 - 10 2-40-DP-14-09-S-0 6/10/2008	2-40-DP-015 0 - 1 2-40-DP-15-01-S-0 6/11/2008	2-40-DP-015 4 - 5 2-40-DP-15-04-S-0 6/11/2008	2-40-DP-015 9 - 10 2-40-DP-15-09-S-0 6/11/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 6/13/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 Reanalysis 6/13/2008	2-40-DP-016 4 - 5 2-40-DP-16-04-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 Reanalysis 6/13/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		0.9 UJ	0.9 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.8 UJ	1 UJ	1.3 UJ	1.3 UJ	1.3 UJ
Methylene Chloride	EPA 8260B	828	2		1.8 U	1.9 U	2.3 U	2.4 U	2.3 U	2.2 U	1.7 U	1.9 U	2.7 U	2.6 U	2.6 U
Acetone	EPA 8260B	355000	5		56	47	38	110 J	16	44	68 J	59	30	77	90
Carbon Disulfide	EPA 8260B	3640	1		0.9	0.9 U	3.6	1.1 UJ	1.1 U	1.6	0.8 U	1 U	1.3 U	3.3	2.4
trans-1,2-Dichloroethene	EPA 8260B	8930	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.7	1.4
Chloroform	EPA 8260B	140	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U
2-Butanone	EPA 8260B	802000	5		4.4 U	4.7 U	5.6 U	5.4 UJ	5.7 U	5.5 U	5.8 J	4.7 U	6.7 U	11	12
Trichloroethene	EPA 8260B	2	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U
Benzene	EPA 8260B	25.3	1		1.1	1.4	1.1 U	1.1 UJ	1.1 U	1.1	1.3 J	1 U	1.3 U	2.8	6.7
Methyl isobutyl ketone	EPA 8260B	35500	5		4.4 U	4.7 U	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 U	4.7 U	6.7 U	6.5 U	6.5 U
Tetrachloroethene	EPA 8260B	8.72	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U
Toluene	EPA 8260B	109000	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	2
Ethylbenzene	EPA 8260B	18100	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U
Styrene	EPA 8260B	71	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U
m,p-Xylene	EPA 8260B	2910000000	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U
o-Xylene	EPA 8260B	143000	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U
1,4-Dichlorobenzene	EPA 8260B		1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U
Isopropylbenzene	EPA 8260B	49800	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U
n-Propylbenzene	EPA 8260B	13600	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U
sec-Butylbenzene	EPA 8260B	7860	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U
4-Isopropyltoluene	EPA 8260B		1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U
n-Butylbenzene	EPA 8260B	4640	1		0.9 U	0.9 U	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U
Naphthalene	EPA 8260B	39400	5		4.4 U	4.7 U	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 UJ	4.7 U	6.7 U	6.5 UJ	6.5 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67												
4-Methylphenol	EPA 8270D	13100	67												
Naphthalene	EPA 8270D	39400	67												
2-Methylnaphthalene	EPA 8270D		67												
Acenaphthylene	EPA 8270D		67												
Acenaphthene	EPA 8270D	32400	67												
Dibenzofuran	EPA 8270D		67												
Diethylphthalate	EPA 8270D	79300	67												
Fluorene	EPA 8270D	270000	67												
Phenanthrene	EPA 8270D		67												
Carbazole	EPA 8270D		67												
Anthracene	EPA 8270D	6080000	67												
Fluoranthene	EPA 8270D	44000	67												
Pyrene	EPA 8270D	1750000	67												
Benzo(a)anthracene	EPA 8270D	41.9	67												
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67												
Chrysene	EPA 8270D	46.6	67												
Benzo(b)fluoranthene	EPA 8270D	144	67												
Benzo(k)fluoranthene	EPA 8270D	144	67												
Benzo(a)pyrene	EPA 8270D	113	67												
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67												
Dibenz(a,h)anthracene	EPA 8270D	210	67												
Benzo(g,h,i)perylene	EPA 8270D		67												
1-Methylnaphthalene	EPA 8270D		67												
Naphthalene	EPA 8270DSIM	39400	5												
2-Methylnaphthalene	EPA 8270DSIM		5												
1-Methylnaphthalene	EPA 8270DSIM		5												
Acenaphthylene	EPA 8270DSIM		5												
Acenaphthene	EPA 8270DSIM	32400	5												
Fluorene	EPA 8270DSIM	270000	5												
Phenanthrene	EPA 8270DSIM		5												
Anthracene	EPA 8270DSIM	6080000	5												
Fluoranthene	EPA 8270DSIM	44000	5												
Pyrene	EPA 8270DSIM	1750000	5												
Benzo(a)anthracene	EPA 8270DSIM	41.9	5												
Chrysene	EPA 8270DSIM	46.6	5												
Benzo(b)fluoranthene	EPA 8270DSIM	144	5												
Benzo(k)fluoranthene	EPA 8270DSIM	144	5												
Benzo(a)pyrene	EPA 8270DSIM	113	5												
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5												
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5												
Benzo(g,h,i)perylene	EPA 8270DSIM		5												
Dibenzofuran	EPA 8270DSIM		5												

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-014 0 - 1 2-40-DP-14-01-S-0 6/10/2008	2-40-DP-014 4 - 5 2-40-DP-14-04-S-0 6/10/2008	2-40-DP-014 9 - 10 2-40-DP-14-09-S-0 6/10/2008	2-40-DP-015 0 - 1 2-40-DP-15-01-S-0 6/11/2008	2-40-DP-015 4 - 5 2-40-DP-15-04-S-0 6/11/2008	2-40-DP-015 9 - 10 2-40-DP-15-09-S-0 6/11/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 6/13/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 Reanalysis 6/13/2008	2-40-DP-016 4 - 5 2-40-DP-16-04-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 Reanalysis 6/13/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33								32 U		33 U	33 U	
Aroclor 1254	EPA 8082	33	33								32 U		33 U	33 U	
Aroclor 1260	EPA 8082	33	33								32 U		33 U	33 U	
Aroclor 1262	EPA 8082	33	33								32 U		33 U	33 U	
Total PCB	EPA 8082	33	33								32 U		33 U	33 U	
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		10200	11200	18200	11800	8380	13100	12800		11400	13700	
Arsenic	EPA 6010B	7.3	5		5 U	5 U	7 U	5 U	5 U	6 U	5 U		5 U	6 U	
Barium	EPA 6010B	93300	0.3		37.3	41.5	65.1	43.1	22.3	44.3	41.1		37.5	46.8	
Beryllium	EPA 6010B	222	0.1		0.1	0.1	0.3	0.1	0.1	0.2	0.1		0.1	0.2	
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	
Calcium	EPA 6010B		5		4640	4890	6180	4240	4130	4700	5060		4470	4950	
Chromium	EPA 6010B		0.5		14.5	12.6	20.2	19.9	10.3	14.7	18.7		17	19.6	
Cobalt	EPA 6010B		0.3		5.1	5	7.2	5.5	4.6	7	5		4.9	5.5	
Copper	EPA 6010B	36.4	0.2		13.5	13.3	25.9	13	9.8	14.8	16.5		26.1	17.3	
Iron	EPA 6010B		5		14000	13900	20400	14300	12900	15500	15200		14200	17400	
Lead	EPA 6010B	1000	2		14	2	7	13	2 U	3	5		4	4	
Magnesium	EPA 6010B		5		3210	3050	4860	4040	2580	3500	3240		2990	3660	
Manganese	EPA 6010B	1146	0.1		140	143	232	179	127	200	149		144	176	
Mercury	EPA 7471A	0.07	0.05		0.04 U	0.04 U	0.07	0.04 U	0.05 U	0.04 U	0.05		0.04 U	0.05 U	
Molybdenum	EPA 6010B	6670	0.5		0.5 U	0.5 U	0.7 U	0.5 U	0.5 U	0.6 U	0.5 U		0.5 U	0.6 U	
Nickel	EPA 6010B	47.8	1		11	10	15	19	7.9	12	13		12	14	
Silver	EPA 6010B	0.323	0.3		0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U	0.3 U	
Thallium	EPA 7841	0.669	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1 U		0.1 U	0.1 U	
Tin	EPA 6010B		1		1 U	1 U	1 U	1 U	0.9 U	1 U	1 U		1 U	1 U	
Vanadium	EPA 6010B	9330	0.3		42.3	41.7	54.7	44.2	41.7	43.1	48		46.7	49.9	
Zinc	EPA 6010B	101	1		43	29	48	32	25.5	34	40		35	39	
Cyanide	EPA 335.2	0.202	0.05		0.052 U	0.05 U	0.068 U	0.052	0.046 U	0.058 U	0.055 U		0.054	0.061 U	
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		92.4	94.3	71.3	91.5	97.5	83.5	90.4		89.4	82.3	
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5		4.8 U	5.2 U	7.5 U	6 U	6.2 U	6.3 U	6.7 J		17 J	7.6 U	
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		5.5 U	5.3 U	7.8 J	5.6 U	5.1 U	5.6 U	5.5 U		6.4 J	10 J	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		14	15	21	11 U	10 U	11 U	11 U		21	26	

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 6/12/2008	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 Reextract 6/12/2008	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 6/12/2008	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 Reextract 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 Reextract 6/12/2008	2-40-DP-018 0 - 1 2-40-DP-18-01-S-0 6/6/2008	2-40-DP-018 4 - 5 2-40-DP-18-04-S-0 6/6/2008	2-40-DP-018 9 - 10 2-40-DP-18-09-S-0 6/6/2008	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 5/19/2008
VOCs (µg/kg)														
Vinyl Chloride	EPA 8260B	4.59	1		1 UJ		1.2 UJ		1 UJ		0.9 UJ	1.1 UJ	1.2 UJ	0.9 U
Methylene Chloride	EPA 8260B	828	2		2 U		2.4 U		2 U		1.8 U	2.2 U	2.4 U	1.7 U
Acetone	EPA 8260B	355000	5		43		26		34		22	33	26	56
Carbon Disulfide	EPA 8260B	3640	1		1 U		1.2 U		2		0.9 U	1.1 U	1.6	0.9 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1 U		1.2 U		1.1		0.9 U	1.1 U	1.2 U	0.9 U
Chloroform	EPA 8260B	140	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
2-Butanone	EPA 8260B	802000	5		4.9 U		5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.6
Trichloroethene	EPA 8260B	2	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	260 E
Benzene	EPA 8260B	25.3	1		1 U		1.2 U		1 U		0.9 U	1.6	1.2 U	0.9
Methyl isobutyl ketone	EPA 8260B	35500	5		4.9 U		5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U
Tetrachloroethene	EPA 8260B	8.72	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
Toluene	EPA 8260B	109000	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
Ethylbenzene	EPA 8260B	18100	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
Styrene	EPA 8260B	71	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
m,p-Xylene	EPA 8260B	2910000000	1		1 U		1.2 U		1 U		1	1.1 U	1.2 U	0.9 U
o-Xylene	EPA 8260B	143000	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
1,4-Dichlorobenzene	EPA 8260B		1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
Isopropylbenzene	EPA 8260B	49800	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
n-Propylbenzene	EPA 8260B	13600	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
sec-Butylbenzene	EPA 8260B	7860	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
4-Isopropyltoluene	EPA 8260B		1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
n-Butylbenzene	EPA 8260B	4640	1		1 U		1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U
Naphthalene	EPA 8260B	39400	5		4.9 U		5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U
SVOCs (µg/kg)														
1,4-Dichlorobenzene	EPA 8270D		67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
4-Methylphenol	EPA 8270D	13100	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Naphthalene	EPA 8270D	39400	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
2-Methylnaphthalene	EPA 8270D		67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Acenaphthylene	EPA 8270D		67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Acenaphthene	EPA 8270D	32400	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Dibenzofuran	EPA 8270D		67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Diethylphthalate	EPA 8270D	79300	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Fluorene	EPA 8270D	270000	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Phenanthrene	EPA 8270D		67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Carbazole	EPA 8270D		67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Anthracene	EPA 8270D	6080000	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Fluoranthene	EPA 8270D	44000	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Pyrene	EPA 8270D	1750000	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Benzo(a)anthracene	EPA 8270D	41.9	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Chrysene	EPA 8270D	46.6	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Benzo(b)fluoranthene	EPA 8270D	144	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Benzo(k)fluoranthene	EPA 8270D	144	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Benzo(a)pyrene	EPA 8270D	113	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Dibenz(a,h)anthracene	EPA 8270D	210	67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Benzo(g,h,i)perylene	EPA 8270D		67		81	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
1-Methylnaphthalene	EPA 8270D		67		64 U	64 UJ	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U	
Naphthalene	EPA 8270DSIM	39400	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
2-Methylnaphthalene	EPA 8270DSIM		5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
1-Methylnaphthalene	EPA 8270DSIM		5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Acenaphthylene	EPA 8270DSIM		5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Acenaphthene	EPA 8270DSIM	32400	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Fluorene	EPA 8270DSIM	270000	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Phenanthrene	EPA 8270DSIM		5		8.6		4.8 U		8.2		5 U	5 U	4.8 U	
Anthracene	EPA 8270DSIM	6080000	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Fluoranthene	EPA 8270DSIM	44000	5		9.5		4.8		5.3		5 U	5 U	4.8 U	
Pyrene	EPA 8270DSIM	1750000	5		8.6		5.3		4.8 U		5 U	5 U	4.8 U	
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Chrysene	EPA 8270DSIM	46.6	5		5.7		4.8		4.8 U		5 U	5 U	4.8 U	
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Benzo(a)pyrene	EPA 8270DSIM	113	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	
Benzo(g,h,i)perylene	EPA 8270DSIM		5		4.8		4.8 U		4.8 U		5 U	5 U	4.8 U	
Dibenzofuran	EPA 8270DSIM		5		4.8 U		4.8 U		4.8 U		5 U	5 U	4.8 U	

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 6/12/2008	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 Reextract 6/12/2008	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 6/12/2008	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 Reextract 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 Reextract 6/12/2008	2-40-DP-018 0 - 1 2-40-DP-18-01-S-0 6/6/2008	2-40-DP-018 4 - 5 2-40-DP-18-04-S-0 6/6/2008	2-40-DP-018 9 - 10 2-40-DP-18-09-S-0 6/6/2008	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 5/19/2008
PCBs (µg/kg)														
Aroclor 1248	EPA 8082	33	33											
Aroclor 1254	EPA 8082	33	33											
Aroclor 1260	EPA 8082	33	33											
Aroclor 1262	EPA 8082	33	33											
Total PCB	EPA 8082	33	33											
Inorganics (mg/kg)														
Aluminum	EPA 6010B		5		12100		9380		14600		11400	11900	15600	11000
Arsenic	EPA 6010B	7.3	5		5 U		5 U		6 U		5 U	5 U	6 U	5 U
Barium	EPA 6010B	93300	0.3		41		29.1		55.3		45	48.2	54.6	39.3
Beryllium	EPA 6010B	222	0.1		0.1		0.1		0.2		0.1	0.2	0.2	0.1
Cadmium	EPA 6010B	1.21	0.2		0.2 U		0.2 U		0.2 U		0.2 U	0.2 U	0.3 U	0.2 U
Calcium	EPA 6010B		5		5100		4270		5170		3310 J	4300	4520	4210
Chromium	EPA 6010B		0.5		15.1		11.2		16.3		22.3	23.6	17.4	13.8
Cobalt	EPA 6010B		0.3		5.4		4.4		6.3		5.7	6.4	5.8	5.4
Copper	EPA 6010B	36.4	0.2		15.2		12.2		18.8		11.4	14.2	23.1	16.1
Iron	EPA 6010B		5		15300		13200		17700		13900	15000	17800	14700
Lead	EPA 6010B	1000	2		5		3		4		3	4	6	3
Magnesium	EPA 6010B		5		3150		2760		3950		4920	4260	3600	3110 J
Manganese	EPA 6010B	1146	0.1		171		135		235		218	216	164	162
Mercury	EPA 7471A	0.07	0.05		0.04 U		0.04 U		0.04 U		0.04 U	0.04 U	0.06	0.04 U
Molybdenum	EPA 6010B	6670	0.5		0.5		0.5 U		0.6		0.5 U	1.4	0.8	0.9
Nickel	EPA 6010B	47.8	1		11		9		12		31	24	12	12
Silver	EPA 6010B	0.323	0.3		0.3 U		0.3 U		0.4 U		0.3 U	0.3 U	0.4 U	0.3 U
Thallium	EPA 7841	0.669	0.1		0.1 U		0.1		0.2		0.1	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1		1 U		1 U		1 U		1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		47.2		40.2		49.1		35	39.7	51.8	46
Zinc	EPA 6010B	101	1		37		26		39		27	32	35	34
Cyanide	EPA 335.2	0.202	0.05		0.053 U		0.05 U		0.063 U		0.049 U	0.05 U	0.062 U	0.051 U
Chromium(VI)	SM3500CrD	19.2	0.4											
Total Solids (%)	EPA 160.3		0.01		92.1		94.7		79.2		96.2	95.2	76.7	87.6
Total Organic Carbon (%)	Plumb 1981		0.02											
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx	30	5		5.6 U		6.2 U		6 U		5.6 U	5 U	8.8 U	5 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		5.5 U		5.3 U		5.6 U		5.2 U	5.2 U	6.5 U	5.4 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		15		11 U		11 U		10 U	10 U	13 U	11

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 Reanalysis 5/19/2008	2-40-DP-019 4 - 5 2-40-DP-19-04-S-0 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reanalysis 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reextract 5/19/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 7/3/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 Reanalysis 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 Reanalysis 7/3/2008	2-40-DP-020 9 - 10 2-40-DP-20-09-S-0 7/3/2008
VOCs (µg/kg)														
Vinyl Chloride	EPA 8260B	4.59	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
Methylene Chloride	EPA 8260B	828	2		100 U	2.2 U	2.1 U	100 U	2.4	6.6 U	2.1 U	2.4 U	7.2 U	2.2 U
Acetone	EPA 8260B	355000	5		260 U	11	15	250 U	28	52 J	53	48 U	40 U	43 U
Carbon Disulfide	EPA 8260B	3640	1		51 U	1.1 U	1 U	50 U	1.8	1.1 U	1 U	1.2 U	1.2 U	3.6
trans-1,2-Dichloroethene	EPA 8260B	8930	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
Chloroform	EPA 8260B	140	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
2-Butanone	EPA 8260B	802000	5		260 U	5.5 U	5.2 U	250 U	4.4 U	5.4 U	5.3	5.9 U	6 U	6
Trichloroethene	EPA 8260B	2	1		580	45	51	1300	150	1.1 U	1 U	1.2 U	1.2 U	1.1 U
Benzene	EPA 8260B	25.3	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.3
Methyl isobutyl ketone	EPA 8260B	35500	5		260 U	5.5 U	5.2 U	250 U	4.4 U	16 J	5.3 U	5.9 U	6 U	5.5 U
Tetrachloroethene	EPA 8260B	8.72	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
Toluene	EPA 8260B	109000	1		51 U	1.1 U	1 U	50 U	0.9 U	1.8 J	1 U	1.2 U	1.2 U	1.1 U
Ethylbenzene	EPA 8260B	18100	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
Styrene	EPA 8260B	71	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
m,p-Xylene	EPA 8260B	2910000000	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
o-Xylene	EPA 8260B	143000	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
1,4-Dichlorobenzene	EPA 8260B		1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
Isopropylbenzene	EPA 8260B	49800	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
n-Propylbenzene	EPA 8260B	13600	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
sec-Butylbenzene	EPA 8260B	7860	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
4-Isopropyltoluene	EPA 8260B		1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
n-Butylbenzene	EPA 8260B	4640	1		51 U	1.1 U	1 U	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U
Naphthalene	EPA 8260B	39400	5		260 U	5.5 U	5.2 U	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U
SVOCs (µg/kg)														
1,4-Dichlorobenzene	EPA 8270D		67											
4-Methylphenol	EPA 8270D	13100	67											
Naphthalene	EPA 8270D	39400	67											
2-Methylnaphthalene	EPA 8270D		67											
Acenaphthylene	EPA 8270D		67											
Acenaphthene	EPA 8270D	32400	67											
Dibenzofuran	EPA 8270D		67											
Diethylphthalate	EPA 8270D	79300	67											
Fluorene	EPA 8270D	270000	67											
Phenanthrene	EPA 8270D		67											
Carbazole	EPA 8270D		67											
Anthracene	EPA 8270D	6080000	67											
Fluoranthene	EPA 8270D	44000	67											
Pyrene	EPA 8270D	1750000	67											
Benzo(a)anthracene	EPA 8270D	41.9	67											
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67											
Chrysene	EPA 8270D	46.6	67											
Benzo(b)fluoranthene	EPA 8270D	144	67											
Benzo(k)fluoranthene	EPA 8270D	144	67											
Benzo(a)pyrene	EPA 8270D	113	67											
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67											
Dibenz(a,h)anthracene	EPA 8270D	210	67											
Benzo(g,h,i)perylene	EPA 8270D		67											
1-Methylnaphthalene	EPA 8270D		67											
Naphthalene	EPA 8270DSIM	39400	5											
2-Methylnaphthalene	EPA 8270DSIM		5											
1-Methylnaphthalene	EPA 8270DSIM		5											
Acenaphthylene	EPA 8270DSIM		5											
Acenaphthene	EPA 8270DSIM	32400	5											
Fluorene	EPA 8270DSIM	270000	5											
Phenanthrene	EPA 8270DSIM		5											
Anthracene	EPA 8270DSIM	6080000	5											
Fluoranthene	EPA 8270DSIM	44000	5											
Pyrene	EPA 8270DSIM	1750000	5											
Benzo(a)anthracene	EPA 8270DSIM	41.9	5											
Chrysene	EPA 8270DSIM	46.6	5											
Benzo(b)fluoranthene	EPA 8270DSIM	144	5											
Benzo(k)fluoranthene	EPA 8270DSIM	144	5											
Benzo(a)pyrene	EPA 8270DSIM	113	5											
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5											
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5											
Benzo(g,h,i)perylene	EPA 8270DSIM		5											
Dibenzofuran	EPA 8270DSIM		5											

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 Reanalysis 5/19/2008	2-40-DP-019 4 - 5 2-40-DP-19-04-S-0 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reanalysis 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reextract 5/19/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 7/3/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 Reanalysis 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 Reanalysis 7/3/2008	2-40-DP-020 9 - 10 2-40-DP-20-09-S-0 7/3/2008
PCBs (µg/kg)														
Aroclor 1248	EPA 8082	33	33											
Aroclor 1254	EPA 8082	33	33											
Aroclor 1260	EPA 8082	33	33											
Aroclor 1262	EPA 8082	33	33											
Total PCB	EPA 8082	33	33											
Inorganics (mg/kg)														
Aluminum	EPA 6010B		5			8350	8000			8390		7760		14500
Arsenic	EPA 6010B	7.3	5			5 U	5 U			5 U		5 U		10
Barium	EPA 6010B	93300	0.3			22.7	23.8			31.5		25.5		54.8
Beryllium	EPA 6010B	222	0.1			0.1 U	0.1 U			0.1		0.1		0.2
Cadmium	EPA 6010B	1.21	0.2			0.2 U	0.2 U			0.2 U		0.2 U		0.3 U
Calcium	EPA 6010B		5			4240	3840			4810		3720		5120
Chromium	EPA 6010B		0.5			11.2	12.1			11.2		11.4		17.2
Cobalt	EPA 6010B		0.3			4.3	4.1			5.2		4.4		6.9
Copper	EPA 6010B	36.4	0.2			9.2	9.4			12.5		10.8		23
Iron	EPA 6010B		5			13200	12000			13100		12700		20200
Lead	EPA 6010B	1000	2			2 U	2 U			2 U		2 U		5
Magnesium	EPA 6010B		5			2490	2300			2860		2520		4240
Manganese	EPA 6010B	1146	0.1			146	117			118		118		199
Mercury	EPA 7471A	0.07	0.05			0.04 U	0.04 U			0.04 U		0.05 U		0.1
Molybdenum	EPA 6010B	6670	0.5			0.7	0.9			0.5 U		0.5 U		0.7 U
Nickel	EPA 6010B	47.8	1			9	9			10		9		15
Silver	EPA 6010B	0.323	0.3			0.3 U	0.3 U			0.3 U		0.3 U		0.4 U
Thallium	EPA 7841	0.669	0.1			0.1 U	0.1 U			0.2		0.2		0.1 U
Tin	EPA 6010B		1			1 U	1 U			1 U		1 U		1 U
Vanadium	EPA 6010B	9330	0.3			42.8	40.2			39.9		40.7		48.8
Zinc	EPA 6010B	101	1			26	23			28		25		39
Cyanide	EPA 335.2	0.202	0.05			0.05 U	0.048 U							
Chromium(VI)	SM3500CrD	19.2	0.4											
Total Solids (%)	EPA 160.3		0.01			96.7	96							
Total Organic Carbon (%)	Plumb 1981		0.02											
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx	30	5			6.2 U	5.2 U			17 J		5.9 U		6.9 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5			5.2 U	5.3 U			5.2 U		5.2 U		12 J
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10			11	12			10 U		10 U		20

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-021 0 - 1 2-40-DP-21-01-S-0 6/20/2008	2-40-DP-021 4 - 5 2-40-DP-21-04-S-0 6/20/2008	2-40-DP-021 9 - 10 2-40-DP-21-09-S-0 6/20/2008	2-40-DP-022 0 - 1 2-40-DP-22-01-S-0 6/19/2008	2-40-DP-022 4 - 5 2-40-DP-22-04-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 Reanalysis 6/19/2008	2-40-DP-023 0 - 1 2-40-DP-23-01-S-0 6/30/2008	2-40-DP-023 4 - 5 2-40-DP-23-04-S-0 6/30/2008	2-40-DP-023 9 - 10 2-40-DP-23-09-S-0 6/30/2008	2-40-DP-024 0 - 1 2-40-DP-24-01-S-0 6/10/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 UJ
Methylene Chloride	EPA 8260B	828	2		2.4 U	2.7 U	2.8 U	1.7 U	2.6 U	3.1 U	3.5 U	3.1 UJ	3.2 U	2.3 U	2 U
Acetone	EPA 8260B	355000	5		55	46	77	99	50	120	72	46 J	26	60	38
Carbon Disulfide	EPA 8260B	3640	1		2.5	1.3 U	1.4 U	0.9 U	1.3 U	4.5	6.8	1.6 UJ	1.3 U	1.1 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
Chloroform	EPA 8260B	140	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
2-Butanone	EPA 8260B	802000	5		6.1	6.6 U	13	7.4	6.4 U	18	10	7.7 UJ	6.3 U	8.7	4.9 U
Trichloroethene	EPA 8260B	2	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	16 J	9.2	1.1 U	2.4
Benzene	EPA 8260B	25.3	1		1.2 U	1.3 U	3.3	1.7	1.3 U	7.2	3.4	1.6 UJ	1.3 U	1.9	1
Methyl isobutyl ketone	EPA 8260B	35500	5		6 U	6.6 U	7 U	4.4 U	6.4 U	7.8 U	8.7 U	7.7 UJ	6.3 U	5.7 U	4.9 U
Tetrachloroethene	EPA 8260B	8.72	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
Toluene	EPA 8260B	109000	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
Ethylbenzene	EPA 8260B	18100	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
Styrene	EPA 8260B	71	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
o-Xylene	EPA 8260B	143000	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U
Isopropylbenzene	EPA 8260B	49800	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U
n-Propylbenzene	EPA 8260B	13600	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U
4-Isopropyltoluene	EPA 8260B		1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U
n-Butylbenzene	EPA 8260B	4640	1		1.2 U	1.3 U	1.4 U	0.9 U	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U
Naphthalene	EPA 8260B	39400	5		6 U	6.6 U	7 U	4.4 U	6.4 U	7.8 UJ	8.7 UJ	7.7 UJ	6.3 U	5.7 U	4.9 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67												67 U
4-Methylphenol	EPA 8270D	13100	67												67 U
Naphthalene	EPA 8270D	39400	67												67 U
2-Methylnaphthalene	EPA 8270D		67												67 U
Acenaphthylene	EPA 8270D		67												67 U
Acenaphthene	EPA 8270D	32400	67												67 U
Dibenzofuran	EPA 8270D		67												67 U
Diethylphthalate	EPA 8270D	79300	67												67 U
Fluorene	EPA 8270D	270000	67												67 U
Phenanthrene	EPA 8270D		67												67 U
Carbazole	EPA 8270D		67												67 U
Anthracene	EPA 8270D	6080000	67												67 U
Fluoranthene	EPA 8270D	44000	67												67 U
Pyrene	EPA 8270D	1750000	67												67 U
Benzo(a)anthracene	EPA 8270D	41.9	67												67 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67												67 U
Chrysene	EPA 8270D	46.6	67												67 U
Benzo(b)fluoranthene	EPA 8270D	144	67												67 U
Benzo(k)fluoranthene	EPA 8270D	144	67												67 U
Benzo(a)pyrene	EPA 8270D	113	67												67 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67												67 U
Dibenz(a,h)anthracene	EPA 8270D	210	67												67 U
Benzo(g,h,i)perylene	EPA 8270D		67												67 U
1-Methylnaphthalene	EPA 8270D		67												67 U
Naphthalene	EPA 8270DSIM	39400	5												4.8 U
2-Methylnaphthalene	EPA 8270DSIM		5												4.8 U
1-Methylnaphthalene	EPA 8270DSIM		5												4.8 U
Acenaphthylene	EPA 8270DSIM		5												4.8 U
Acenaphthene	EPA 8270DSIM	32400	5												4.8 U
Fluorene	EPA 8270DSIM	270000	5												4.8 U
Phenanthrene	EPA 8270DSIM		5												13
Anthracene	EPA 8270DSIM	6080000	5												4.8 U
Fluoranthene	EPA 8270DSIM	44000	5												14
Pyrene	EPA 8270DSIM	1750000	5												9.2
Benzo(a)anthracene	EPA 8270DSIM	41.9	5												4.8 U
Chrysene	EPA 8270DSIM	46.6	5												7.8
Benzo(b)fluoranthene	EPA 8270DSIM	144	5												6.3
Benzo(k)fluoranthene	EPA 8270DSIM	144	5												4.8 U
Benzo(a)pyrene	EPA 8270DSIM	113	5												4.8 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5												4.8 U
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5												4.8 U
Benzo(g,h,i)perylene	EPA 8270DSIM		5												4.8 U
Dibenzofuran	EPA 8270DSIM		5												4.8 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-021 0 - 1 2-40-DP-21-01-S-0 6/20/2008	2-40-DP-021 4 - 5 2-40-DP-21-04-S-0 6/20/2008	2-40-DP-021 9 - 10 2-40-DP-21-09-S-0 6/20/2008	2-40-DP-022 0 - 1 2-40-DP-22-01-S-0 6/19/2008	2-40-DP-022 4 - 5 2-40-DP-22-04-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 Reanalysis 6/19/2008	2-40-DP-023 0 - 1 2-40-DP-23-01-S-0 6/30/2008	2-40-DP-023 4 - 5 2-40-DP-23-04-S-0 6/30/2008	2-40-DP-023 9 - 10 2-40-DP-23-09-S-0 6/30/2008	2-40-DP-024 0 - 1 2-40-DP-24-01-S-0 6/10/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33		32 U	33 U	33 U	33 U	33 U	33 U					
Aroclor 1254	EPA 8082	33	33		32 U	33 U	33 U	33 U	33 U	33 U					
Aroclor 1260	EPA 8082	33	33		32 U	33 U	33 U	33 U	33 U	33 U					
Aroclor 1262	EPA 8082	33	33		32 U	33 U	33 U	33 U	33 U	33 U					
Total PCB	EPA 8082	33	33		32 U	33 U	33 U	33 U	33 U	33 U					
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		9100	7880	24300	14300	9040	23100		7260	11400	21500	11100
Arsenic	EPA 6010B	7.3	5		5 U	5 U	13	8	5 U	14		5 U	5 U	11	5 U
Barium	EPA 6010B	93300	0.3		27	25.2	83.3	70.4	33	83.7		24.9	46.9	72.9	41
Beryllium	EPA 6010B	222	0.1		0.1 U	0.1 U	0.4	0.2	0.1	0.4		0.1	0.2	0.3	0.1
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.2 U	0.5	0.2 U	0.2 U	0.4		0.2 U	0.2 U	0.3 U	0.2 U
Calcium	EPA 6010B		5		4230	3530	6200	5790	3800	5250		3280	4680	5840	4820
Chromium	EPA 6010B		0.5		14.1	11.8	28.5	17.5	11.5	28.5		11.3	13.8	24.9	13.7
Cobalt	EPA 6010B		0.3		4.7	4.2	9.7	6.4	4.6	9.5		4.1	5.2	6.7	5.4
Copper	EPA 6010B	36.4	0.2		9.8	9.7	48.5	24	10	48.4		8.9	13.7	38.4	14.8
Iron	EPA 6010B		5		12900	11900	30900	22700	13300	31000		11800	15900	20800	14500
Lead	EPA 6010B	1000	2		2 U	2 U	16	6	2 U	17		2	3	15	11
Magnesium	EPA 6010B		5		2710	2420	7230	3710	2610	6510		2380	3240	5470	3170
Manganese	EPA 6010B	1146	0.1		132	120	322	231	132	376		118	160	211	166
Mercury	EPA 7471A	0.07	0.05		0.04 U	0.04 U	0.21	0.06	0.09	0.25		0.04 U	0.05 U	0.26	0.04 U
Molybdenum	EPA 6010B	6670	0.5		0.7	0.8	1.6	0.7	0.5 U	0.8 U		0.5 U	0.6	0.8	0.5 U
Nickel	EPA 6010B	47.8	1		10	9	25	11	8	21		7	11	17	11
Silver	EPA 6010B	0.323	0.3		0.3 U	0.3 U	0.5 U	0.3 U	0.3 U	0.5 U		0.3 U	0.3 U	0.4 U	0.3 U
Thallium	EPA 7841	0.669	0.1		0.09 U	0.1 U	0.2	0.1 U	0.1 U	0.2		0.2	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1		1 U	1 U	2 U	1 U	1 U	2 U		1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		37.8	36.1	75.1	54.5	39.7	76.7		37.3	45.3	66.2	44.3
Zinc	EPA 6010B	101	1		28	25	76	37	27	73		24	30	55	39
Cyanide	EPA 335.2	0.202	0.05		0.047 U	0.049 U	0.072 U	0.053 U	0.052 U	0.228		0.052 U	0.057 U	0.089	0.053 U
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		96.9	97.1	60.7	92.1	95.2	59.2		94.6	84.2	68.4	93.7
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5												
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10												

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-024 4 - 5 2-40-DP-24-04-S-0 6/10/2008	2-40-DP-024 9 - 10 2-40-DP-24-09-S-0 6/10/2008	2-40-DP-025 0 - 1 2-40-DP-25-01-S-0 7/3/2008	2-40-DP-025 4 - 5 2-40-DP-25-04-S-0 7/3/2008	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 7/3/2008	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 Reanalysis 7/3/2008	2-40-DP-026 0 - 1 2-40-DP-26-01-S-0 7/1/2008	2-40-DP-026 4 - 5 2-40-DP-26-04-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 Reanalysis 7/1/2008	2-40-DP-027 0 - 1 2-40-DP-27-01-S-0 6/5/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.1 UJ	1.5 UJ	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.5 Y	1.4 U	1 UJ
Methylene Chloride	EPA 8260B	828	2		2.2 U	3 U	13 U	3.4 U	2.1 U	2.7 U	2.9 U	2.6 U	2.9 U	2.9 U	2 U
Acetone	EPA 8260B	355000	5		240	82	48 U	80	43 U	48 U	89	17 U	220	400 J	28
Carbon Disulfide	EPA 8260B	3640	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	8.6	7.5 J	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	2.9	2.4 J	1 U
Chloroform	EPA 8260B	140	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U
2-Butanone	EPA 8260B	802000	5		11	10	6 UJ	5.6 U	5.4 U	5.6	7.3 U	6.4 U	28	85 J	5 U
Trichloroethene	EPA 8260B	2	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	3.6	3.5	1.4 U	1.4 U	1 U
Benzene	EPA 8260B	25.3	1		1.3	2.1	1.2 UJ	1.1 U	1.1 J	1.2	1.6	1.3 U	28	73 J	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		5.5 U	7.4 U	6 UJ	5.6 U	5.4 U	5.4 U	7.3 U	6.4 U	7.2 U	7.3 U	5 U
Tetrachloroethene	EPA 8260B	8.72	1		1.1 U	1.5 U	1.3 J	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U
Toluene	EPA 8260B	109000	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	6.1	12 J	1 U
Ethylbenzene	EPA 8260B	18100	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U
Styrene	EPA 8260B	71	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 U	1.7 J	1 U
o-Xylene	EPA 8260B	143000	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U
Isopropylbenzene	EPA 8260B	49800	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U
n-Propylbenzene	EPA 8260B	13600	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U
sec-Butylbenzene	EPA 8260B	7860	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U
4-Isopropyltoluene	EPA 8260B		1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U
n-Butylbenzene	EPA 8260B	4640	1		1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U
Naphthalene	EPA 8260B	39400	5		5.5 U	7.4 U	6 UJ	5.6 U	5.4 U	5.4 U	7.3 U	6.4 U	7.2 UJ	7.3 UJ	5 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67		63 U	65 U	64 U	61 U	64 U						
4-Methylphenol	EPA 8270D	13100	67		63 U	65 U	64 U	61 U	64 U						
Naphthalene	EPA 8270D	39400	67		63 U	65 U	64 U	61 U	64 U						
2-Methylnaphthalene	EPA 8270D		67		63 U	65 U	64 U	61 U	64 U						
Acenaphthylene	EPA 8270D		67		63 U	65 U	64 U	61 U	64 U						
Acenaphthene	EPA 8270D	32400	67		63 U	65 U	64 U	61 U	64 U						
Dibenzofuran	EPA 8270D		67		63 U	65 U	64 U	61 U	64 U						
Diethylphthalate	EPA 8270D	79300	67		63 U	65 U	64 U	61 U	64 U						
Fluorene	EPA 8270D	270000	67		63 U	65 U	64 U	61 U	64 U						
Phenanthrene	EPA 8270D		67		63 U	65 U	64 U	61 U	64 U						
Carbazole	EPA 8270D		67		63 U	65 U	64 U	61 U	64 U						
Anthracene	EPA 8270D	6080000	67		63 U	65 U	64 U	61 U	64 U						
Fluoranthene	EPA 8270D	44000	67		63 U	80	64 U	61 U	64 U						
Pyrene	EPA 8270D	1750000	67		63 U	77	64 U	61 U	64 U						
Benzo(a)anthracene	EPA 8270D	41.9	67		63 U	65 U	64 U	61 U	64 U						
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		63 U	65 U	64 U	61 U	64 U						
Chrysene	EPA 8270D	46.6	67		63 U	65 U	64 U	61 U	64 U						
Benzo(b)fluoranthene	EPA 8270D	144	67		63 U	65 U	64 U	61 U	64 U						
Benzo(k)fluoranthene	EPA 8270D	144	67		63 U	65 U	64 U	61 U	64 U						
Benzo(a)pyrene	EPA 8270D	113	67		63 U	65 U	64 U	61 U	64 U						
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		63 U	65 U	64 U	61 U	64 U						
Dibenz(a,h)anthracene	EPA 8270D	210	67		63 U	65 U	64 U	61 U	64 U						
Benzo(g,h,i)perylene	EPA 8270D		67		63 U	65 U	64 U	61 U	64 U						
1-Methylnaphthalene	EPA 8270D		67		63 U	65 U	64 U	61 U	64 U						
Naphthalene	EPA 8270DSIM	39400	5		4.5 U	17	4.7 U	4.6 U	4.6 U						
2-Methylnaphthalene	EPA 8270DSIM		5		4.5 U	14	4.7 U	4.6 U	4.6 U						
1-Methylnaphthalene	EPA 8270DSIM		5		4.5 U	13	4.7 U	4.6 U	4.6 U						
Acenaphthylene	EPA 8270DSIM		5		4.5 U	4.9 U	4.7 U	4.6 U	4.6 U						
Acenaphthene	EPA 8270DSIM	32400	5		4.5 U	21	4.7 U	4.6 U	4.6 U						
Fluorene	EPA 8270DSIM	270000	5		4.5 U	24	4.7 U	4.6 U	4.6 U						
Phenanthrene	EPA 8270DSIM		5		5.4	62	4.7 U	7.3	4.6 U						
Anthracene	EPA 8270DSIM	6080000	5		4.5 U	13	4.7 U	4.6 U	4.6 U						
Fluoranthene	EPA 8270DSIM	44000	5		4.5 U	92	4.7 U	10	4.6 U						
Pyrene	EPA 8270DSIM	1750000	5		4.5 U	65	4.7 U	9.1	4.6 U						
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		4.5 U	22	4.7 U	4.6 U	4.6 U						
Chrysene	EPA 8270DSIM	46.6	5		4.5 U	26	4.7 U	6.4	4.6 U						
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		4.5 U	21	4.7 U	6.4	4.6 U						
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		4.5 U	15	4.7 U	4.6 U	4.6 U						
Benzo(a)pyrene	EPA 8270DSIM	113	5		4.5 U	11	4.7 U	4.6 U	4.6 U						
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		4.5 U	7.4	4.7 U	4.6 U	4.6 U						
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		4.5 U	4.9 U	4.7 U	4.6 U	4.6 U						
Benzo(g,h,i)perylene	EPA 8270DSIM		5		4.5 U	12	4.7 U	4.6 U	4.6 U						
Dibenzofuran	EPA 8270DSIM		5		4.5 U	13	4.7 U	4.6 U	4.6 U						

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-024 4 - 5 2-40-DP-24-04-S-0 6/10/2008	2-40-DP-024 9 - 10 2-40-DP-24-09-S-0 6/10/2008	2-40-DP-025 0 - 1 2-40-DP-25-01-S-0 7/3/2008	2-40-DP-025 4 - 5 2-40-DP-25-04-S-0 7/3/2008	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 7/3/2008	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 Reanalysis 7/3/2008	2-40-DP-026 0 - 1 2-40-DP-26-01-S-0 7/1/2008	2-40-DP-026 4 - 5 2-40-DP-26-04-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 Reanalysis 7/1/2008	2-40-DP-027 0 - 1 2-40-DP-27-01-S-0 6/5/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33												
Aroclor 1254	EPA 8082	33	33												
Aroclor 1260	EPA 8082	33	33												
Aroclor 1262	EPA 8082	33	33												
Total PCB	EPA 8082	33	33												
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		10400	23100	10500	9470	10900		22300	10800	11700		9430
Arsenic	EPA 6010B	7.3	5		5 U	11	5 U	5 U	6 U		7 U	5 U	5 U		5 U
Barium	EPA 6010B	93300	0.3		38.6	78.1	37.4	31.8	47.5		71.8	34.4	42.2		32.4
Beryllium	EPA 6010B	222	0.1		0.1	0.4	0.1	0.1	0.1		0.3	0.1	0.1		0.2
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.3 U	0.2 U	0.2 U	0.2 U		0.3 U	0.2 U	0.2 U		0.2 U
Calcium	EPA 6010B		5		4290	6470	4460	4240	5300		5820	4310	4460		5120
Chromium	EPA 6010B		0.5		14.9	27.3	12.9	15.1	13.2		25	13.7	14.7		13.4
Cobalt	EPA 6010B		0.3		5.2	9.1	4.9	5.2	4.5		6.7	5.2	6.5		6.5
Copper	EPA 6010B	36.4	0.2		11.8	41	13.3	11.4	17.1		37	12.4	14.8		12.7
Iron	EPA 6010B		5		13700	26600	17000	14600	12900		20200	13200	15800		13600
Lead	EPA 6010B	1000	2		2	15	2 U	3	9		5	2 U	3		3
Magnesium	EPA 6010B		5		3200	6490	2880	3080	2550		5070	2900	3110		3010
Manganese	EPA 6010B	1146	0.1		147	298	129	145	131		176	130	208		139
Mercury	EPA 7471A	0.07	0.05		0.05 U	0.17	0.05 U	0.05 U	0.07		0.07	0.04 U	0.05 U		0.1
Molybdenum	EPA 6010B	6670	0.5		0.5 U	0.8 U	0.5 U	0.5 U	0.6		1.5	1	1		0.5 U
Nickel	EPA 6010B	47.8	1		10	21	10	11	9		17	10	11		10
Silver	EPA 6010B	0.323	0.3		0.3 U	0.5 U	0.3 U	0.3 U	0.4 U		0.4 U	0.3 U	0.3 U		0.3 U
Thallium	EPA 7841	0.669	0.1		0.1 U	0.2 U	0.1 U	0.1	0.1 U		0.2	0.1 U	0.1		0.1
Tin	EPA 6010B		1		1 U	2 U	1 U	1 U	2		1 U	1 U	1 U		1 U
Vanadium	EPA 6010B	9330	0.3		41.3	73.6	47.8	44	42.5		78.1	42.6	49.6		42.6
Zinc	EPA 6010B	101	1		30	66	28	28	42		43	27 J	34		27
Cyanide	EPA 335.2	0.202	0.05		0.052 U	0.22	0.058 U	0.054 U	0.085		0.076	0.183	0.065		0.051 U
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		93.7	58.8	86.2	89.7	78.6		72.4	86.7	91.6		92.9
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5				10 J	6.1 U	7.7 U						5.2 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5				5.6 U	6 J	6 U						5.3 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10				11 U	11 U	12 U						10 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-027 4 - 5 2-40-DP-27-04-S-0 6/5/2008	2-40-DP-027 9 - 10 2-40-DP-27-09-S-0 6/5/2008	2-40-DP-028 0 - 1 2-40-DP-28-01-S-0 6/6/2008	2-40-DP-028 4 - 5 2-40-DP-28-04-S-0 6/6/2008	2-40-DP-028 9 - 10 2-40-DP-28-09-S-0 6/6/2008	2-40-DP-029 0 - 1 2-40-DP-29-01-S-0 6/3/2008	2-40-DP-029 4 - 5 2-40-DP-29-04-S-0 6/3/2008	2-40-DP-029 9 - 10 2-40-DP-29-09-S-0 6/3/2008	2-40-DP-030 0 - 1 2-40-DP-30-01-S-0 6/16/2008	2-40-DP-030 4 - 5 2-40-DP-30-04-S-0 6/16/2008	2-40-DP-030 9 - 10 2-40-DP-30-09-S-0 6/16/2008	2-40-DP-031 0 - 1 2-40-DP-31-01-S-0 7/8/2008
VOCs (µg/kg)																
Vinyl Chloride	EPA 8260B	4.59	1		1.2 UJ	1.2 UJ	1.2 UJ	1.3 UJ	1.5 UJ	1.2 UJ	1.2 UJ	1.5 UJ	1.1 UJ	0.9 UJ	1.1 UJ	0.9 U
Methylene Chloride	EPA 8260B	828	2		2.3 U	2.4 U	2.4 U	2.6 U	3.1 U	2.4 U	2.4 U	3 U	2.1 U	1.8 U	2.2 U	2.2 U
Acetone	EPA 8260B	355000	5		36	85	40	18 U	40	31	10	62	93	67	42	4.5 U
Carbon Disulfide	EPA 8260B	3640	1		1.2 U	28	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	2	1.1 U	0.9 U	1.1 U	0.9 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.9	1.1 U	0.9 U	1.1 U	0.9 U
Chloroform	EPA 8260B	140	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
2-Butanone	EPA 8260B	802000	5		5.8 U	6.6	5.9 U	6.6 U	7.7 U	5.9 U	6 U	13	5.3 U	5.1	5.6 U	4.5 U
Trichloroethene	EPA 8260B	2	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
Benzene	EPA 8260B	25.3	1		1.2 U	1.8	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	10	1.1 U	2	1.1 U	0.9 U
Methyl isobutyl ketone	EPA 8260B	35500	5		5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U
Tetrachloroethene	EPA 8260B	8.72	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
Toluene	EPA 8260B	109000	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	2.8	1.2 U	1.6	1.1 U	0.9 U	1.1 U	3
Ethylbenzene	EPA 8260B	18100	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
Styrene	EPA 8260B	71	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
m,p-Xylene	EPA 8260B	2910000000	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
o-Xylene	EPA 8260B	143000	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
1,4-Dichlorobenzene	EPA 8260B		1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
Isopropylbenzene	EPA 8260B	49800	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
n-Propylbenzene	EPA 8260B	13600	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
sec-Butylbenzene	EPA 8260B	7860	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
4-Isopropyltoluene	EPA 8260B		1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
n-Butylbenzene	EPA 8260B	4640	1		1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U
Naphthalene	EPA 8260B	39400	5		5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U
SVOCs (µg/kg)																
1,4-Dichlorobenzene	EPA 8270D		67				64 U	65 U	65 U							59 U
4-Methylphenol	EPA 8270D	13100	67				64 U	65 U	65 U							59 U
Naphthalene	EPA 8270D	39400	67				64 U	65 U	65 U							59 U
2-Methylnaphthalene	EPA 8270D		67				64 U	65 U	65 U							59 U
Acenaphthylene	EPA 8270D		67				64 U	65 U	65 U							59 U
Acenaphthene	EPA 8270D	32400	67				64 U	65 U	65 U							59 U
Dibenzofuran	EPA 8270D		67				64 U	65 U	65 U							59 U
Diethylphthalate	EPA 8270D	79300	67				64 U	65 U	65 U							59 U
Fluorene	EPA 8270D	270000	67				64 U	65 U	65 U							59 U
Phenanthrene	EPA 8270D		67				64 U	65 U	65 U							59 U
Carbazole	EPA 8270D		67				64 U	65 U	65 U							59 U
Anthracene	EPA 8270D	6080000	67				64 U	65 U	65 U							59 U
Fluoranthene	EPA 8270D	44000	67				64 U	65 U	65 U							59 U
Pyrene	EPA 8270D	1750000	67				64 U	65 U	65 U							59 U
Benzo(a)anthracene	EPA 8270D	41.9	67				64 U	65 U	65 U							59 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67				81	65 U	65 U							59 U
Chrysene	EPA 8270D	46.6	67				64 U	65 U	65 U							59 U
Benzo(b)fluoranthene	EPA 8270D	144	67				64 U	65 U	65 U							59 U
Benzo(k)fluoranthene	EPA 8270D	144	67				64 U	65 U	65 U							59 U
Benzo(a)pyrene	EPA 8270D	113	67				64 U	65 U	65 U							59 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67				64 U	65 U	65 U							59 U
Dibenz(a,h)anthracene	EPA 8270D	210	67				64 U	65 U	65 U							59 U
Benzo(g,h,i)perylene	EPA 8270D		67				64 U	65 U	65 UJ							59 U
1-Methylnaphthalene	EPA 8270D		67				64 U	65 U	65 U							59 U
Naphthalene	EPA 8270DSIM	39400	5				4.9 U	5 U	4.9 U							4.8 U
2-Methylnaphthalene	EPA 8270DSIM		5				4.9 U	5 U	4.9 U							4.8 U
1-Methylnaphthalene	EPA 8270DSIM		5				4.9 U	5 U	4.9 U							4.8 U
Acenaphthylene	EPA 8270DSIM		5				4.9 U	5 U	4.9 U							4.8 U
Acenaphthene	EPA 8270DSIM	32400	5				4.9 U	5 U	4.9 U							4.8 U
Fluorene	EPA 8270DSIM	270000	5				4.9 U	5 U	4.9 U							4.8 U
Phenanthrene	EPA 8270DSIM		5				4.9 U	5 U	4.9 U							4.8 U
Anthracene	EPA 8270DSIM	6080000	5				4.9 U	5 U	4.9 U							4.8 U
Fluoranthene	EPA 8270DSIM	44000	5				4.9 U	5 U	4.9 U							4.8 U
Pyrene	EPA 8270DSIM	1750000	5				4.9 U	5 U	4.9 U							4.8 U
Benzo(a)anthracene	EPA 8270DSIM	41.9	5				4.9 U	5 U	4.9 U							4.8 U
Chrysene	EPA 8270DSIM	46.6	5				4.9 U	5 U	4.9 U							4.8 U
Benzo(b)fluoranthene	EPA 8270DSIM	144	5				4.9 U	5 U	4.9 U							4.8 U
Benzo(k)fluoranthene	EPA 8270DSIM	144	5				4.9 U	5 U	4.9 U							4.8 U
Benzo(a)pyrene	EPA 8270DSIM	113	5				4.9 U	5 U	4.9 U							4.8 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5				4.9 U	5 U	4.9 U							4.8 U
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5				4.9 U	5 U	4.9 U							4.8 U
Benzo(g,h,i)perylene	EPA 8270DSIM		5				4.9 U	5 U	4.9 U							4.8 U
Dibenzofuran	EPA 8270DSIM		5				4.9 U	5 U	4.9 U							4.8 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-027 4 - 5 2-40-DP-27-04-S-0 6/5/2008	2-40-DP-027 9 - 10 2-40-DP-27-09-S-0 6/5/2008	2-40-DP-028 0 - 1 2-40-DP-28-01-S-0 6/6/2008	2-40-DP-028 4 - 5 2-40-DP-28-04-S-0 6/6/2008	2-40-DP-028 9 - 10 2-40-DP-28-09-S-0 6/6/2008	2-40-DP-029 0 - 1 2-40-DP-29-01-S-0 6/3/2008	2-40-DP-029 4 - 5 2-40-DP-29-04-S-0 6/3/2008	2-40-DP-029 9 - 10 2-40-DP-29-09-S-0 6/3/2008	2-40-DP-030 0 - 1 2-40-DP-30-01-S-0 6/16/2008	2-40-DP-030 4 - 5 2-40-DP-30-04-S-0 6/16/2008	2-40-DP-030 9 - 10 2-40-DP-30-09-S-0 6/16/2008	2-40-DP-031 0 - 1 2-40-DP-31-01-S-0 7/8/2008
PCBs (µg/kg)																
Aroclor 1248	EPA 8082	33	33							33 U	33 U	32 U				33 U
Aroclor 1254	EPA 8082	33	33							33 U	33 U	32 U				33 U
Aroclor 1260	EPA 8082	33	33							33 U	33 U	32 U				33 U
Aroclor 1262	EPA 8082	33	33							33 U	33 U	32 U				33 U
Total PCB	EPA 8082	33	33							33 U	33 U	32 U				33 U
Inorganics (mg/kg)																
Aluminum	EPA 6010B		5		9730	11600	7880	8040	8280	8750	8360	21100	13100	9890	8780	10300
Arsenic	EPA 6010B	7.3	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	8	5 U	6 U	5 U	5 U
Barium	EPA 6010B	93300	0.3		33.9	85.8	22	24.1	27.4	31.8	23.7	77.3	52.4	32	24.8	33.7
Beryllium	EPA 6010B	222	0.1		0.1	0.2	0.09 U	0.1 U	0.1	0.1	0.1 U	0.3	0.2	0.1 U	0.1 U	0.2
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		5		4590	4460	3610	3710	3660	3830	4210	6460	3920	4020	3540	5730
Chromium	EPA 6010B		0.5		13	12.8	11.9	12	12.8	11.7	10.7	23.1	35.7	12.1	10.1	13.4
Cobalt	EPA 6010B		0.3		4.5	5.5	4.5	4.6	4.8	4.4	4.2	8	6.9	4.3	3.3	5.9
Copper	EPA 6010B	36.4	0.2		12.2	14.3	9.9	9.6	10.6	10.4	8.9	33.6	12	13.4	11.1	12.9
Iron	EPA 6010B		5		12800	14600	13200	12900	12900	12900	12500	23100	15200	11800	9540	14300
Lead	EPA 6010B	1000	2		3	4	2	3	3	3	2 U	13	2	4	2 U	3
Magnesium	EPA 6010B		5		2860	3140	2750	2660	2670	2640	2630	5780	5810	2320	1700	3110
Manganese	EPA 6010B	1146	0.1		132	333	124	124	134	123	119	273	280	126	100	157
Mercury	EPA 7471A	0.07	0.05		0.05 U	0.04 U	0.04 U	0.05 U	0.04 U	0.04 U	0.04 U	0.11	0.05 U	0.05	0.04 U	0.05 U
Molybdenum	EPA 6010B	6670	0.5		0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.6 U	0.5 U	0.8
Nickel	EPA 6010B	47.8	1		9	11	8.5	9	9	8	8	18	39	8	6	12
Silver	EPA 6010B	0.323	0.3		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.1 U	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1		1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		39.4	45.4	40.4	40	39.6	40.1	38.3	62.2	38.7	42.4	40.5	46.1
Zinc	EPA 6010B	101	1		27	32	25.1	25	25	26	23	56	29	27	17	35
Cyanide	EPA 335.2	0.202	0.05		0.052 U	0.059 U				0.049 U	0.05 U	0.072 U				0.052 U
Chromium(VI)	SM3500CrD	19.2	0.4													
Total Solids (%)	EPA 160.3		0.01		89.7	81.3				96.6	97.8	68.1				93.3
Total Organic Carbon (%)	Plumb 1981		0.02													
Petroleum Hydrocarbons (mg/kg)																
TPH - Gasoline Range	NWTPH-Gx	30	5		5.8 U	5.6 U				6.3 U	6.5 U	9.7 U				
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		5.3 U	5.5 U				5.2 U	5.1 U	7.5 J				
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		11 U	11 U				10 U	10 U	24				

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-031 4 - 5 2-40-DP-31-04-S-0 7/8/2008	2-40-DP-031 9 - 10 2-40-DP-31-09-S-0 7/8/2008	2-40-DP-032 0 - 1 2-40-DP-32-01-S-0 5/28/2008	2-40-DP-032 4 - 5 2-40-DP-32-04-S-0 5/28/2008	2-40-DP-032 9 - 10 2-40-DP-32-09-S-0 5/28/2008	2-40-DP-033 0 - 1 2-40-DP-33-01-S-0 6/2/2008	2-40-DP-033 4 - 5 2-40-DP-33-04-S-0 6/2/2008	2-40-DP-033 9 - 10 2-40-DP-33-09-S-0 6/2/2008	2-40-DP-034 0 - 1 2-40-DP-34-01-S-0 7/7/2008	2-40-DP-034 4 - 5 2-40-DP-34-04-S-0 7/7/2008	2-40-DP-034 9 - 10 2-40-DP-34-09-S-0 7/7/2008	2-40-DP-035 0 - 1 2-40-DP-35-01-S-0 5/30/2008
VOCs (µg/kg)																
Vinyl Chloride	EPA 8260B	4.59	1		0.9 U	1 U	1.2 UJ	1.3 UJ	2 UJ	1 UJ	1 UJ	0.8 UJ	1 U	1 U	1.2 U	1 UJ
Methylene Chloride	EPA 8260B	828	2		2.3 U	4.2 U	2.3 U	2.6 U	4 U	1.9 U	2.3 U	1.7 U	1.9 U	1.9 U	3.1 U	2.1 U
Acetone	EPA 8260B	355000	5		6.4 U	190	67	19	44	22	15	16	18	18	14	28
Carbon Disulfide	EPA 8260B	3640	1		0.9 U	2	1.2 U	1.3 U	8.9	1 U	1 U	0.8 U	1 U	1 U	1.2 U	2.2
trans-1,2-Dichloroethene	EPA 8260B	8930	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
Chloroform	EPA 8260B	140	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
2-Butanone	EPA 8260B	802000	5		4.6 U	44	8.7	6.5 U	10 U	4.8 U	5 U	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U
Trichloroethene	EPA 8260B	2	1		0.9 U	1.7	42	7.2	2.6	4.3	4.4	3.8	1 U	1 U	1.2 U	4.9
Benzene	EPA 8260B	25.3	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U
Tetrachloroethene	EPA 8260B	8.72	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
Toluene	EPA 8260B	109000	1		3	17	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
Ethylbenzene	EPA 8260B	18100	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
Styrene	EPA 8260B	71	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1		0.9 U	1.7	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
o-Xylene	EPA 8260B	143000	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
Isopropylbenzene	EPA 8260B	49800	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
n-Propylbenzene	EPA 8260B	13600	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
4-Isopropyltoluene	EPA 8260B		1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
n-Butylbenzene	EPA 8260B	4640	1		0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U	0.8 U	1 U	1 U	1.2 U	1 U
Naphthalene	EPA 8260B	39400	5		4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U
SVOCs (µg/kg)																
1,4-Dichlorobenzene	EPA 8270D		67		63 U	60 U	65 U	66 U	66 U							
4-Methylphenol	EPA 8270D	13100	67		63 U	60 U	65 U	66 U	66 U							
Naphthalene	EPA 8270D	39400	67		63 U	60 U	65 U	66 U	66 U							
2-Methylnaphthalene	EPA 8270D		67		63 U	60 U	65 U	66 U	66 U							
Acenaphthylene	EPA 8270D		67		63 U	60 U	65 U	66 U	66 U							
Acenaphthene	EPA 8270D	32400	67		63 U	60 U	65 U	66 U	66 U							
Dibenzofuran	EPA 8270D		67		63 U	60 U	65 U	66 U	66 U							
Diethylphthalate	EPA 8270D	79300	67		63 U	60 U	65 U	66 U	66 U							
Fluorene	EPA 8270D	270000	67		63 U	60 U	65 U	66 U	66 U							
Phenanthrene	EPA 8270D		67		63 U	60 U	65 U	66 U	66 U							
Carbazole	EPA 8270D		67		63 U	60 U	65 U	66 U	66 U							
Anthracene	EPA 8270D	6080000	67		63 U	60 U	65 U	66 U	66 U							
Fluoranthene	EPA 8270D	44000	67		63 U	60 U	65 U	66 U	66 U							
Pyrene	EPA 8270D	1750000	67		63 U	60 U	65 U	66 U	66 U							
Benzo(a)anthracene	EPA 8270D	41.9	67		63 U	60 U	65 U	66 U	66 U							
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		63 U	60 U	65 U	470	80							
Chrysene	EPA 8270D	46.6	67		63 U	60 U	65 U	66 U	66 U							
Benzo(b)fluoranthene	EPA 8270D	144	67		63 U	60 U	65 U	66 U	66 U							
Benzo(k)fluoranthene	EPA 8270D	144	67		63 U	60 U	65 U	66 U	66 U							
Benzo(a)pyrene	EPA 8270D	113	67		63 U	60 U	65 U	66 U	66 U							
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		63 U	60 U	65 U	66 UJ	66 UJ							
Dibenz(a,h)anthracene	EPA 8270D	210	67		63 U	60 U	65 UJ	66 UJ	66 UJ							
Benzo(g,h,i)perylene	EPA 8270D		67		63 U	60 U	65 UJ	66 UJ	66 UJ							
1-Methylnaphthalene	EPA 8270D		67		63 U	60 U	65 U	66 U	66 U							
Naphthalene	EPA 8270DSIM	39400	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
2-Methylnaphthalene	EPA 8270DSIM		5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
1-Methylnaphthalene	EPA 8270DSIM		5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Acenaphthylene	EPA 8270DSIM		5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Acenaphthene	EPA 8270DSIM	32400	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Fluorene	EPA 8270DSIM	270000	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Phenanthrene	EPA 8270DSIM		5		4.7 U	5 U	4.8 U	4.9 U	8.6							
Anthracene	EPA 8270DSIM	6080000	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Fluoranthene	EPA 8270DSIM	44000	5		4.7 U	5 U	4.8 U	4.9 U	9.6							
Pyrene	EPA 8270DSIM	1750000	5		4.7 U	5 U	4.8 U	4.9 U	8.2							
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		4.7 U	5 U	4.8 U	4.9 U	4.8							
Chrysene	EPA 8270DSIM	46.6	5		4.7 U	5 U	4.8 U	4.9 U	5.8							
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Benzo(a)pyrene	EPA 8270DSIM	113	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Benzo(g,h,i)perylene	EPA 8270DSIM		5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							
Dibenzofuran	EPA 8270DSIM		5		4.7 U	5 U	4.8 U	4.9 U	4.8 U							

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-031 4 - 5 2-40-DP-31-04-S-0 7/8/2008	2-40-DP-031 9 - 10 2-40-DP-31-09-S-0 7/8/2008	2-40-DP-032 0 - 1 2-40-DP-32-01-S-0 5/28/2008	2-40-DP-032 4 - 5 2-40-DP-32-04-S-0 5/28/2008	2-40-DP-032 9 - 10 2-40-DP-32-09-S-0 5/28/2008	2-40-DP-033 0 - 1 2-40-DP-33-01-S-0 6/2/2008	2-40-DP-033 4 - 5 2-40-DP-33-04-S-0 6/2/2008	2-40-DP-033 9 - 10 2-40-DP-33-09-S-0 6/2/2008	2-40-DP-034 0 - 1 2-40-DP-34-01-S-0 7/7/2008	2-40-DP-034 4 - 5 2-40-DP-34-04-S-0 7/7/2008	2-40-DP-034 9 - 10 2-40-DP-34-09-S-0 7/7/2008	2-40-DP-035 0 - 1 2-40-DP-35-01-S-0 5/30/2008
PCBs (µg/kg)																
Aroclor 1248	EPA 8082	33	33		32 U	31 U										
Aroclor 1254	EPA 8082	33	33		32 U	31 U										
Aroclor 1260	EPA 8082	33	33		32 U	31 U										
Aroclor 1262	EPA 8082	33	33		32 U	31 U										
Total PCB	EPA 8082	33	33		32 U	31 U										
Inorganics (mg/kg)																
Aluminum	EPA 6010B		5		9110	8710	9960	15100	13200	13800	13700	13200	10800	10300	8660	12200
Arsenic	EPA 6010B	7.3	5		5 U	5 U	5 U	6 U	6 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	EPA 6010B	93300	0.3		23.7	27.6	39.5	53.9	47.1	52.3	51.9	122	34.6	34.7	22.1	51.5
Beryllium	EPA 6010B	222	0.1		0.1	0.1 U	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.2 U	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		5		4810	4310	5460	5190	5140	4320	4180	3960	4560	5150	4210	4850
Chromium	EPA 6010B		0.5		14.4	10.5	15.3	19.3	16.6	31.8	37.3	33.6	14.5	13.5	12	24.3
Cobalt	EPA 6010B		0.3		4.7	3.6	5.9	6.2	8	7.1	7.3	6.5	5.2	4.7	4.2	6.1
Copper	EPA 6010B	36.4	0.2		10.1	9.1	21.6	21.4	19.9	12.6	13.3	12.6	13.3	12.5	9.8	20.9
Iron	EPA 6010B		5		13200	10300	14800	16900	15100	16200	15900	15900	14500	14000	13200	15600
Lead	EPA 6010B	1000	2		2 U	2 U	29	7	6	4 J	4 J	7 J	6	5	3	2
Magnesium	EPA 6010B		5		2880	1930	3380	3530	3320	5770	5510	5390	3090	2940	2630	4500
Manganese	EPA 6010B	1146	0.1		133	114	183	142	132	292	284	266	160	147	132	210
Mercury	EPA 7471A	0.07	0.05		0.04 U	0.04 U	0.04 U	0.05 U	0.05 U	0.04 U	0.04 U	0.04 U	0.05	0.05 U	0.04 U	0.04 U
Molybdenum	EPA 6010B	6670	0.5		0.7	0.9	0.5	1.1	1.2	0.5 U	0.6	1.3	0.7	0.7	0.5	0.5 U
Nickel	EPA 6010B	47.8	1		9	7	12	13	11	39	38	39	12	12	9	20
Silver	EPA 6010B	0.323	0.3		0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669	0.1		0.1	0.1 U	0.1 U	0.1	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U
Tin	EPA 6010B		1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		45	42.5	47.5	50.9	48.6	40.1	40.8	39.3	45.1	43.5	42.6	38.9
Zinc	EPA 6010B	101	1		32	24	59	37	33	32	31	35	56	38	26	34
Cyanide	EPA 335.2	0.202	0.05		0.049 U	0.051 UJ	0.05 U	0.067	0.052 U	0.053 U	0.054 U	0.047 U	0.051 U	0.051 U	0.051 U	0.05 U
Chromium(VI)	SM3500CrD	19.2	0.4													
Total Solids (%)	EPA 160.3		0.01		97.6	94.5	94.2	88.7	89.3	89.9	92.2	99.9	96.6	95	96.6	97
Total Organic Carbon (%)	Plumb 1981		0.02													
Petroleum Hydrocarbons (mg/kg)																
TPH - Gasoline Range	NWTPH-Gx	30	5							5.8 U	8.3 J	4.4 U				5.6 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5							5.4 U	5.4 U	5.4 U				5.2 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10							11 U	11 U	11 U				13

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-035 4 - 5 2-40-DP-35-04-S-0 5/30/2008	2-40-DP-035 9 - 10 2-40-DP-35-09-S-0 5/30/2008	2-40-DP-036 0 - 1 2-40-DP-36-01-S-0 7/1/2008	2-40-DP-036 4 - 5 2-40-DP-36-04-S-0 7/1/2008	2-40-DP-036 9 - 10 2-40-DP-36-09-S-0 7/1/2008	2-40-DP-037 0 - 1 2-40-DP-37-01-S-0 5/22/2008	2-40-DP-037 4 - 5 2-40-DP-37-04-S-0 5/22/2008	2-40-DP-037 9 - 10 2-40-DP-37-09-S-0 5/22/2008	2-40-DP-038 0 - 1 2-40-DP-38-01-S-0 5/21/2008	2-40-DP-038 4 - 5 2-40-DP-38-04-S-0 5/21/2008	2-40-DP-038 9 - 10 2-40-DP-38-09-S-0 5/21/2008	2-40-DP-039 0 - 1 2-40-DP-39-01-S-0 5/20/2008
VOCs (µg/kg)																
Vinyl Chloride	EPA 8260B	4.59	1		1.3 UJ	1.2 UJ	1 U	1.1 U	1.1 U	1 UJ	1 UJ	0.8 UJ	1 U	0.9 U	1 U	1 U
Methylene Chloride	EPA 8260B	828	2		2.5 U	6.8 U	2 U	2.2 U	2.3 U	2.1 U	1.9 U	1.7 U	2.8	1.9 U	1.9 U	2.1 U
Acetone	EPA 8260B	355000	5		24 U	22 U	45 U	22 U	120	24	13	26	16	30	16	28
Carbon Disulfide	EPA 8260B	3640	1		1.3 U	1.2 U	1 U	1.1 U	7.5	1 U	1 U	0.8 U	1 U	1.2	1 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.3 U	1.2 U	1 U	1.1 U	2.8	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
Chloroform	EPA 8260B	140	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
2-Butanone	EPA 8260B	802000	5		6.3 U	6.1 U	4.9 U	5.4 U	17	5 U	4.8 U	4.2 U	4.9 U	4.7 U	4.8 U	5.2 U
Trichloroethene	EPA 8260B	2	1		5.7	5.9	72	43	3.6	4.3	1 U	9.5	1 U	0.9 U	1 U	3
Benzene	EPA 8260B	25.3	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U	4.9 U	4.7 U	4.8 U	5.2 U
Tetrachloroethene	EPA 8260B	8.72	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
Toluene	EPA 8260B	109000	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
Ethylbenzene	EPA 8260B	18100	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
Styrene	EPA 8260B	71	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
o-Xylene	EPA 8260B	143000	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
Isopropylbenzene	EPA 8260B	49800	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
n-Propylbenzene	EPA 8260B	13600	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
4-Isopropyltoluene	EPA 8260B		1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
n-Butylbenzene	EPA 8260B	4640	1		1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U	1 U	0.9 U	1 U	1 U
Naphthalene	EPA 8260B	39400	5		6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U	4.9 U	4.7 U	4.8 U	5.2 U
SVOCs (µg/kg)																
1,4-Dichlorobenzene	EPA 8270D		67							64 U	64 U	64 U	64 U	64 U	63 U	
4-Methylphenol	EPA 8270D	13100	67							64 U	64 U	64 U	64 U	64 U	63 U	
Naphthalene	EPA 8270D	39400	67							64 U	64 U	64 U	64 U	64 U	63 U	
2-Methylnaphthalene	EPA 8270D		67							64 U	64 U	64 U	64 U	64 U	63 U	
Acenaphthylene	EPA 8270D		67							64 U	64 U	64 U	64 U	64 U	63 U	
Acenaphthene	EPA 8270D	32400	67							64 U	64 U	64 U	64 U	64 U	63 U	
Dibenzofuran	EPA 8270D		67							64 U	64 U	64 U	64 U	64 U	63 U	
Diethylphthalate	EPA 8270D	79300	67							64 U	64 U	64 U	64 U	64 U	63 U	
Fluorene	EPA 8270D	270000	67							64 U	64 U	64 U	64 U	64 U	63 U	
Phenanthrene	EPA 8270D		67							64 U	64 U	64 U	64 U	64 U	63 U	
Carbazole	EPA 8270D		67							64 U	64 U	64 U	64 U	64 U	63 U	
Anthracene	EPA 8270D	6080000	67							64 U	64 U	64 U	64 U	64 U	63 U	
Fluoranthene	EPA 8270D	44000	67							64 U	64 U	64 U	64 U	64 U	63 U	
Pyrene	EPA 8270D	1750000	67							64 U	64 U	64 U	64 U	64 U	63 U	
Benzo(a)anthracene	EPA 8270D	41.9	67							64 U	64 U	64 U	64 U	64 U	63 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67							64 U	64 U	64 U	64 U	64 U	74	
Chrysene	EPA 8270D	46.6	67							64 U	64 U	64 U	64 U	64 U	63 U	
Benzo(b)fluoranthene	EPA 8270D	144	67							64 U	64 U	64 U	64 U	64 U	63 U	
Benzo(k)fluoranthene	EPA 8270D	144	67							64 U	64 U	64 U	64 U	64 U	63 U	
Benzo(a)pyrene	EPA 8270D	113	67							64 U	64 U	64 U	64 U	64 U	63 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67							64 U	64 U	64 U	64 U	64 U	63 U	
Dibenz(a,h)anthracene	EPA 8270D	210	67							64 U	64 U	64 U	64 U	64 U	63 U	
Benzo(g,h,i)perylene	EPA 8270D		67							64 U	64 U	64 U	64 U	64 U	63 U	
1-Methylnaphthalene	EPA 8270D		67							64 U	64 U	64 U	64 U	64 U	63 U	
Naphthalene	EPA 8270DSIM	39400	5							5.4	4.8 U	4.9 U	5 U	4.8 U	10	
2-Methylnaphthalene	EPA 8270DSIM		5							8.3	4.8 U	4.9 U	5 U	4.8 U	13	
1-Methylnaphthalene	EPA 8270DSIM		5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5	
Acenaphthylene	EPA 8270DSIM		5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Acenaphthene	EPA 8270DSIM	32400	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Fluorene	EPA 8270DSIM	270000	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Phenanthrene	EPA 8270DSIM		5							12	4.8 U	4.9 U	5 U	4.8 U	63	
Anthracene	EPA 8270DSIM	6080000	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Fluoranthene	EPA 8270DSIM	44000	5							4.9 U	4.8 U	4.9 U	5.4	4.8 U	13	
Pyrene	EPA 8270DSIM	1750000	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5.9	
Benzo(a)anthracene	EPA 8270DSIM	41.9	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Chrysene	EPA 8270DSIM	46.6	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Benzo(b)fluoranthene	EPA 8270DSIM	144	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Benzo(k)fluoranthene	EPA 8270DSIM	144	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Benzo(a)pyrene	EPA 8270DSIM	113	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Benzo(g,h,i)perylene	EPA 8270DSIM		5							4.9 U	4.8 U	4.9 U	5 U	4.8 U	5 U	
Dibenzofuran	EPA 8270DSIM		5							11	4.8 U	4.9 U	5 U	4.8 U	24	

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-035 4 - 5 2-40-DP-35-04-S-0 5/30/2008	2-40-DP-035 9 - 10 2-40-DP-35-09-S-0 5/30/2008	2-40-DP-036 0 - 1 2-40-DP-36-01-S-0 7/1/2008	2-40-DP-036 4 - 5 2-40-DP-36-04-S-0 7/1/2008	2-40-DP-036 9 - 10 2-40-DP-36-09-S-0 7/1/2008	2-40-DP-037 0 - 1 2-40-DP-37-01-S-0 5/22/2008	2-40-DP-037 4 - 5 2-40-DP-37-04-S-0 5/22/2008	2-40-DP-037 9 - 10 2-40-DP-37-09-S-0 5/22/2008	2-40-DP-038 0 - 1 2-40-DP-38-01-S-0 5/21/2008	2-40-DP-038 4 - 5 2-40-DP-38-04-S-0 5/21/2008	2-40-DP-038 9 - 10 2-40-DP-38-09-S-0 5/21/2008	2-40-DP-039 0 - 1 2-40-DP-39-01-S-0 5/20/2008
PCBs (µg/kg)																
Aroclor 1248	EPA 8082	33	33							33 U	33 U	32 U				
Aroclor 1254	EPA 8082	33	33							33 U	33 U	32 U				
Aroclor 1260	EPA 8082	33	33							33 U	33 U	32 U				
Aroclor 1262	EPA 8082	33	33							33 U	33 U	32 U				
Total PCB	EPA 8082	33	33							33 U	33 U	32 U				
Inorganics (mg/kg)																
Aluminum	EPA 6010B		5		15700	10000	13000	8690	15000	9620	9300	9200	10900 J	11000 J	11500 J	11000
Arsenic	EPA 6010B	7.3	5		5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
Barium	EPA 6010B	93300	0.3		79	36.5	46.6	22.8	37.2	35	34.1	32.4	35.3 J	37.6 J	33.4 J	35.6
Beryllium	EPA 6010B	222	0.1		0.2	0.1	0.2	0.1 U	0.1	0.09 U	0.09 U	0.1 U	0.1	0.1	0.1 J	0.1
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.2 U	0.2 U	0.2 U	0.2 UJ	0.2 U
Calcium	EPA 6010B		5		4850	4920	5150	3720	4950	4730	4430	4040	4660 J	4880 J	4490 J	5250
Chromium	EPA 6010B		0.5		29.3	12.6	16	12.9	14.1	17	13.6	11.1	13.4 J	16.7 J	14.1 J	12.6
Cobalt	EPA 6010B		0.3		9.3	4.7	6.6	4.4	4.1	5.7	5.4	4.5	5.6 J	6.1 J	4.1 J	4.9
Copper	EPA 6010B	36.4	0.2		19.6	14.9	18.3	9.4	13.3	11.8	12.4	11.5	15.7 J	18.3 J	15.1 J	14.6
Iron	EPA 6010B		5		20300	13100	17100	13000	14300	14100	14300	13100	16700 J	18000 J	11700	13900
Lead	EPA 6010B	1000	2		3	4	5	2	2 U	4	5	3	4	5	2 UJ	2
Magnesium	EPA 6010B		5		6420	2630	3720	2540	3140	3620	3170	2830	3670 J	4120 J	2610 J	3020
Manganese	EPA 6010B	1146	0.1		354	130	183	121	137	176	160	145	199 J	240 J	113 J	138
Mercury	EPA 7471A	0.07	0.05		0.03 U	0.04 U	0.04 U	0.04 U	0.06 U	0.04 U	0.1	0.04 U	0.04 U	0.04 U	0.05 U	0.04 U
Molybdenum	EPA 6010B	6670	0.5		0.5 U	0.5 U	1.1	0.8	1.1	0.7	0.7	0.7	0.6	0.7	0.9 J	0.6
Nickel	EPA 6010B	47.8	1		28	10	13	9	9	17.7	11.8	9	12 J	13 J	8 J	10
Silver	EPA 6010B	0.323	0.3		0.5	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	1.4	0.3 U	0.3 U	0.3 U	0.3 UJ	0.3 U
Thallium	EPA 7841	0.669	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13	0.1 U	0.1 U	0.2	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1		1 U	1 U	1 U	1 U	1 U	0.9 U	0.9 U	1 U	1 UJ	1 U	1 UJ	1 U
Vanadium	EPA 6010B	9330	0.3		53.4	40.8	52.8	43.4	44.5	36.5	38.3	39.8	44.9 J	48.7 J	44.5 J	45.1
Zinc	EPA 6010B	101	1		35	29	39	25	27	34.3	36	30	38 J	40 J	25 J	30
Cyanide	EPA 335.2	0.202	0.05		0.049 U	0.05 U	0.052 U	0.049 U	0.062 U							
Chromium(VI)	SM3500CrD	19.2	0.4													
Total Solids (%)	EPA 160.3		0.01		96.6	92	92.7	97.3	79.3	96.9	97.4	87.6				
Total Organic Carbon (%)	Plumb 1981		0.02							0.232 J	0.196 J	1 J				
Petroleum Hydrocarbons (mg/kg)																
TPH - Gasoline Range	NWTPH-Gx	30	5		5.3 U	6.4 U										6.3
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		27 J	5.3 U										5.4 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		84	13										12

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-039 4 - 5 2-40-DP-39-04-S-0 5/20/2008	2-40-DP-039 9 - 10 2-40-DP-39-09-S-0 5/20/2008	2-40-DP-040 0 - 1 2-40-DP-40-01-S-0 5/15/2008	2-40-DP-040 4 - 5 2-40-DP-40-04-S-0 5/15/2008	2-40-DP-040 9 - 10 2-40-DP-40-09-S-0 5/15/2008	2-40-DP-041 0 - 1 2-40-DP-41-01-S-0 5/14/2008	2-40-DP-041 4 - 5 2-40-DP-41-04-S-0 5/14/2008	2-40-DP-041 9 - 10 2-40-DP-41-09-S-0 5/14/2008	2-40-DP-042 0 - 1 2-40-DP-42-01-S-0 5/13/2008	2-40-DP-042 4 - 5 2-40-DP-42-04-S-0 5/13/2008	2-40-DP-042 9 - 10 2-40-DP-42-09-S-0 5/13/2008	2-40-DP-043 0 - 1 2-40-DP-43-01-S-0 5/12/2008
VOCs (µg/kg)																
Vinyl Chloride	EPA 8260B	4.59	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
Methylene Chloride	EPA 8260B	828	2		2.5	1.9 U	2.3 U	2.3 U	2.3 U	1.8 U	2.5	2.6	2.3	2.4	2.1 U	2.1 U
Acetone	EPA 8260B	355000	5		43	44	27	25	20	14	26	14	15 U	14 U	12 U	16
Carbon Disulfide	EPA 8260B	3640	1		1.1 U	1	1	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
Chloroform	EPA 8260B	140	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
2-Butanone	EPA 8260B	802000	5		5.7 U	4.7 U	5	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U	5.3 U	5.3 U	5.1 U
Trichloroethene	EPA 8260B	2	1		1.7	4.8	7	12	6.6	51	110	29	6.4	1.6	2	1 U
Benzene	EPA 8260B	25.3	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U	5.3 U	5.3 U	5.1 U
Tetrachloroethene	EPA 8260B	8.72	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
Toluene	EPA 8260B	109000	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
Ethylbenzene	EPA 8260B	18100	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
Styrene	EPA 8260B	71	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
o-Xylene	EPA 8260B	143000	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
Isopropylbenzene	EPA 8260B	49800	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
n-Propylbenzene	EPA 8260B	13600	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
4-Isopropyltoluene	EPA 8260B		1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 U
n-Butylbenzene	EPA 8260B	4640	1		1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U	1.1 U	1.1 U	1 UJ
Naphthalene	EPA 8260B	39400	5		5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U	5.3 U	5.3 U	5.1 U
SVOCs (µg/kg)																
1,4-Dichlorobenzene	EPA 8270D		67				63 U	64 U	65 U							64 U
4-Methylphenol	EPA 8270D	13100	67				63 U	64 U	65 U							64 U
Naphthalene	EPA 8270D	39400	67				63 U	64 U	65 U							64 U
2-Methylnaphthalene	EPA 8270D		67				63 U	64 U	65 U							64 U
Acenaphthylene	EPA 8270D		67				63 U	64 U	65 U							64 U
Acenaphthene	EPA 8270D	32400	67				63 U	64 U	65 U							64 U
Dibenzofuran	EPA 8270D		67				63 U	64 U	65 U							64 U
Diethylphthalate	EPA 8270D	79300	67				110 UJ	95 UJ	77 UJ							170 U
Fluorene	EPA 8270D	270000	67				63 U	64 U	65 U							64 U
Phenanthrene	EPA 8270D		67				63 U	64 U	65 U							64 U
Carbazole	EPA 8270D		67				63 U	64 U	65 U							64 U
Anthracene	EPA 8270D	6080000	67				63 U	64 U	65 U							64 U
Fluoranthene	EPA 8270D	44000	67				63 U	64 U	65 U							64 U
Pyrene	EPA 8270D	1750000	67				63 U	64 U	65 U							64 U
Benzo(a)anthracene	EPA 8270D	41.9	67				63 U	64 U	65 U							64 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67				200	64 U	65 U							64 U
Chrysene	EPA 8270D	46.6	67				63 U	64 U	65 U							64 U
Benzo(b)fluoranthene	EPA 8270D	144	67				63 U	64 U	65 U							64 U
Benzo(k)fluoranthene	EPA 8270D	144	67				63 U	64 U	65 U							64 U
Benzo(a)pyrene	EPA 8270D	113	67				63 U	64 U	65 U							64 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67				63 U	64 U	65 U							64 U
Dibenz(a,h)anthracene	EPA 8270D	210	67				63 U	64 U	65 U							64 U
Benzo(g,h,i)perylene	EPA 8270D		67				63 UJ	64 UJ	65 UJ							64 U
1-Methylnaphthalene	EPA 8270D		67				63 U	64 U	65 U							64 U
Naphthalene	EPA 8270DSIM	39400	5				4.8 U	5 U	4.8 U							4.8 UJ
2-Methylnaphthalene	EPA 8270DSIM		5				4.8 U	5 U	5.8							4.8 UJ
1-Methylnaphthalene	EPA 8270DSIM		5				4.8 U	5 U	4.8 U							4.8 UJ
Acenaphthylene	EPA 8270DSIM		5				4.8 U	5 U	4.8 U							4.8 UJ
Acenaphthene	EPA 8270DSIM	32400	5				4.8 U	5 U	4.8 U							6.8 J
Fluorene	EPA 8270DSIM	270000	5				4.8 U	5 U	4.8 U							4.8 J
Phenanthrene	EPA 8270DSIM		5				4.8 U	7.4	11							68 J
Anthracene	EPA 8270DSIM	6080000	5				4.8 U	5 U	4.8 U							12 J
Fluoranthene	EPA 8270DSIM	44000	5				4.8 U	5 U	4.8 U							52 J
Pyrene	EPA 8270DSIM	1750000	5				4.8 U	5 U	6.3							58 J
Benzo(a)anthracene	EPA 8270DSIM	41.9	5				4.8 U	5 U	4.8 U							22 J
Chrysene	EPA 8270DSIM	46.6	5				4.8 U	5 U	4.8 U							24 J
Benzo(b)fluoranthene	EPA 8270DSIM	144	5				4.8 U	5	4.8 U							18 J
Benzo(k)fluoranthene	EPA 8270DSIM	144	5				4.8 U	5 U	4.8 U							16 J
Benzo(a)pyrene	EPA 8270DSIM	113	5				4.8 U	5 U	4.8 U							19 J
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5				4.8 U	5 U	4.8 U							12 J
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5				4.8 U	5 U	4.8 U							4.8 UJ
Benzo(g,h,i)perylene	EPA 8270DSIM		5				4.8 U	5 U	4.8 U							14 J
Dibenzofuran	EPA 8270DSIM		5				4.8 U	5 U	4.8 U							4.8 UJ

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-039 4 - 5 2-40-DP-39-04-S-0 5/20/2008	2-40-DP-039 9 - 10 2-40-DP-39-09-S-0 5/20/2008	2-40-DP-040 0 - 1 2-40-DP-40-01-S-0 5/15/2008	2-40-DP-040 4 - 5 2-40-DP-40-04-S-0 5/15/2008	2-40-DP-040 9 - 10 2-40-DP-40-09-S-0 5/15/2008	2-40-DP-041 0 - 1 2-40-DP-41-01-S-0 5/14/2008	2-40-DP-041 4 - 5 2-40-DP-41-04-S-0 5/14/2008	2-40-DP-041 9 - 10 2-40-DP-41-09-S-0 5/14/2008	2-40-DP-042 0 - 1 2-40-DP-42-01-S-0 5/13/2008	2-40-DP-042 4 - 5 2-40-DP-42-04-S-0 5/13/2008	2-40-DP-042 9 - 10 2-40-DP-42-09-S-0 5/13/2008	2-40-DP-043 0 - 1 2-40-DP-43-01-S-0 5/12/2008
PCBs (µg/kg)																
Aroclor 1248	EPA 8082	33	33				33 U	33 U	32 U							32 U
Aroclor 1254	EPA 8082	33	33				33 U	33 U	32 U							32 U
Aroclor 1260	EPA 8082	33	33				33 U	33 U	32 U							32 U
Aroclor 1262	EPA 8082	33	33				33 U	33 U	32 U							32 U
Total PCB	EPA 8082	33	33				33 U	33 U	32 U							32 U
Inorganics (mg/kg)																
Aluminum	EPA 6010B		5		12800	13400	11000	11700	10600	10900	8140	9350	14400	8440	8570	9560
Arsenic	EPA 6010B	7.3	5		6 U	6 U	5 U	5 U	6 U	7	5 U	5 U	7	5 U	5 U	5 U
Barium	EPA 6010B	93300	0.3		44.7	87.6	35.9	49.9	38.5	40.2	23	28.6	66.7	15.4	15.8	32.3
Beryllium	EPA 6010B	222	0.1		0.1	0.2	0.1	0.1	0.1 U	0.1	0.09 U	0.1 U	0.2	0.1 U	0.1 U	0.1 U
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		5		5010	28900	5770	4480	4250	10500	3820	4190	5000	11300	4680	4050 J
Chromium	EPA 6010B		0.5		17.2	25.7	45.6 J	13.9 J	14.9 J	18.4 J	12.5 J	12.9 J	17.6	8.9	8.9	11.7
Cobalt	EPA 6010B		0.3		5.4	6.4	6.4	5.3	5.1	5.3	4	3.9	7	2.9	2.8	4
Copper	EPA 6010B	36.4	0.2		15.7	17.5	16.1 J	16.5 J	15 J	15.5	9.1	10.4	22.2	31.8	24.5	12.4
Iron	EPA 6010B		5		17000	15400	14800	14600	13700	13900	12000	13100	21300	9130	9520	12700
Lead	EPA 6010B	1000	2		2	78	16 J	3 J	3 J	4	2 U	2 U	4	5	4	3
Magnesium	EPA 6010B		5		3420	6800	3970 J	3010	2890	3320	2520	2780	4310	3280	3320	2620 J
Manganese	EPA 6010B	1146	0.1		169	249	188 J	155	128	162 J	115	119	234	70.5	71.5	123 J
Mercury	EPA 7471A	0.07	0.05		0.05 U	2.69	0.05 U	0.05 U	0.04 U	0.04 U	0.04 U	0.05 U	0.06	0.04 U	0.04 U	0.04 U
Molybdenum	EPA 6010B	6670	0.5		1.2	0.6	0.7	0.8	0.8	0.9	0.6	0.7	1.1	1	0.8	0.8
Nickel	EPA 6010B	47.8	1		12	40	16	11	10	12	8.6	9	13	7	7	9
Silver	EPA 6010B	0.323	0.3		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.1 U	0.1 U	0.1 UJ
Tin	EPA 6010B		1		1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		50.5	46.8	43	47.4	53.9	43	39.9	42.8	61	25	25.7	40.4
Zinc	EPA 6010B	101	1		41	77	78 J	32 J	31 J	52	25.2	27	38	43	29	29
Cyanide	EPA 335.2	0.202	0.05													
Chromium(VI)	SM3500CrD	19.2	0.4													
Total Solids (%)	EPA 160.3		0.01				94.4	89.2	86.8							85.1
Total Organic Carbon (%)	Plumb 1981		0.02				0.799	0.666	0.31							0.458
Petroleum Hydrocarbons (mg/kg)																
TPH - Gasoline Range	NWTPH-Gx	30	5		5.9 U	6.2 U	4.3 U	5.6 U	5.8 U							
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		5.7 U	13	7.3	5.7 U	5.8 U							
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		17	55	29	14	13							

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-043 4 - 5 2-40-DP-43-04-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 Reanalysis 5/12/2008	2-40-DP-045 0 - 1 2-40-DP-45-01-S-0 5/27/2008	2-40-DP-045 4 - 5 2-40-DP-45-04-S-0 5/27/2008	2-40-DP-045 9 - 10 2-40-DP-45-09-S-0 5/27/2008	2-40-DP-046 0 - 1 2-40-DP-46-01-S-0 6/9/2008	2-40-DP-046 4 - 5 2-40-DP-46-04-S-0 6/9/2008	2-40-DP-046 9 - 10 2-40-DP-46-09-S-0 6/9/2008	2-40-DP-047 0 - 1 2-40-DP-47-01-S-0 6/25/2008	2-40-DP-047 4 - 5 2-40-DP-47-04-S-0 6/25/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		0.9 U	1.2 UJ	1 U	1.2 UJ	1.3 UJ	1 UJ	1.1 UJ	1.8 UJ	1.2 UJ	1 U	1.2 U
Methylene Chloride	EPA 8260B	828	2		1.8 U	2.3 UJ	2 U	3.2 U	3.5 U	2.4 U	2.2 U	3.6 U	2.3 U	4.2 U	2.4 U
Acetone	EPA 8260B	355000	5		16	18 J	19	21	9.7	29	160 J	40	58	15	11 U
Carbon Disulfide	EPA 8260B	3640	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1.4	1.1 U	1.8 U	8.6	1 U	1.2 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	5.6	1.1 U	1.8 U	1.2 U	1 U	1.2 U
Chloroform	EPA 8260B	140	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
2-Butanone	EPA 8260B	802000	5		4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	9.6	9.1 U	11	5.2 U	5.9 U
Trichloroethene	EPA 8260B	2	1		0.9 U	1.2 UJ	1 U	1.6	1.3 U	6.1	1.1 U	1.8 U	1.2 U	1 U	1.2 U
Benzene	EPA 8260B	25.3	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.5	1 U	1.2 U
Methyl isobutyl ketone	EPA 8260B	35500	5		4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U	5.2 U	5.9 U
Tetrachloroethene	EPA 8260B	8.72	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
Toluene	EPA 8260B	109000	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
Ethylbenzene	EPA 8260B	18100	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
Styrene	EPA 8260B	71	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
m,p-Xylene	EPA 8260B	2910000000	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
o-Xylene	EPA 8260B	143000	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
1,4-Dichlorobenzene	EPA 8260B		1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
Isopropylbenzene	EPA 8260B	49800	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
n-Propylbenzene	EPA 8260B	13600	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
sec-Butylbenzene	EPA 8260B	7860	1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
4-Isopropyltoluene	EPA 8260B		1		0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
n-Butylbenzene	EPA 8260B	4640	1		0.9 UJ	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U	1 U	1.2 U
Naphthalene	EPA 8260B	39400	5		4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U	5.2 U	5.9 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67		64 U	65 U								64 U	66 U
4-Methylphenol	EPA 8270D	13100	67		64 U	65 U								64 U	66 U
Naphthalene	EPA 8270D	39400	67		64 U	65 U								64 U	66 U
2-Methylnaphthalene	EPA 8270D		67		64 U	65 U								64 U	66 U
Acenaphthylene	EPA 8270D		67		64 U	65 U								64 U	66 U
Acenaphthene	EPA 8270D	32400	67		64 U	65 U								64 U	66 U
Dibenzofuran	EPA 8270D		67		64 U	65 U								64 U	66 U
Diethylphthalate	EPA 8270D	79300	67		230 U	89 U								64 U	66 U
Fluorene	EPA 8270D	270000	67		64 U	65 U								64 U	66 U
Phenanthrene	EPA 8270D		67		64 U	65 U								64 U	66 U
Carbazole	EPA 8270D		67		64 U	65 U								64 U	66 U
Anthracene	EPA 8270D	6080000	67		64 U	65 U								64 U	66 U
Fluoranthene	EPA 8270D	44000	67		64 U	66								64 U	66 U
Pyrene	EPA 8270D	1750000	67		64 U	70								64 U	66 U
Benzo(a)anthracene	EPA 8270D	41.9	67		64 U	65 U								64 U	66 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		64 U	65 U								64 U	66 U
Chrysene	EPA 8270D	46.6	67		64 U	65 U								64 U	66 U
Benzo(b)fluoranthene	EPA 8270D	144	67		64 U	65 U								64 U	66 U
Benzo(k)fluoranthene	EPA 8270D	144	67		64 U	65 U								64 U	66 U
Benzo(a)pyrene	EPA 8270D	113	67		64 U	65 U								64 U	66 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		64 U	65 U								64 U	66 U
Dibenz(a,h)anthracene	EPA 8270D	210	67		64 U	65 U								64 U	66 U
Benzo(g,h,i)perylene	EPA 8270D		67		64 U	65 U								64 U	66 U
1-Methylnaphthalene	EPA 8270D		67		64 U	65 U								64 U	66 U
Naphthalene	EPA 8270DSIM	39400	5		4.9 U	5 U								4.8 U	4.6 U
2-Methylnaphthalene	EPA 8270DSIM		5		4.9 U	5 U								4.8 U	4.6 U
1-Methylnaphthalene	EPA 8270DSIM		5		4.9 U	5 U								4.8 U	4.6 U
Acenaphthylene	EPA 8270DSIM		5		4.9 U	5 U								4.8 U	4.6 U
Acenaphthene	EPA 8270DSIM	32400	5		4.9 U	5 U								4.8 U	4.6 U
Fluorene	EPA 8270DSIM	270000	5		4.9 U	5 U								4.8 U	4.6 U
Phenanthrene	EPA 8270DSIM		5		4.9 U	34								4.8 U	4.6 U
Anthracene	EPA 8270DSIM	6080000	5		4.9 U	6.5								4.8 U	4.6 U
Fluoranthene	EPA 8270DSIM	44000	5		4.9 U	47								4.8 U	4.6 U
Pyrene	EPA 8270DSIM	1750000	5		4.9 U	56								4.8 U	4.6 U
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		4.9 U	26								4.8 U	4.6 U
Chrysene	EPA 8270DSIM	46.6	5		4.9 U	27								4.8 U	4.6 U
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		4.9 U	24								4.8 U	4.6 U
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		4.9 U	22								4.8 U	4.6 U
Benzo(a)pyrene	EPA 8270DSIM	113	5		4.9 U	28								4.8 U	4.6 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		4.9 U	15								4.8 U	4.6 U
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		4.9 U	5 U								4.8 U	4.6 U
Benzo(g,h,i)perylene	EPA 8270DSIM		5		4.9 U	19								4.8 U	4.6 U
Dibenzofuran	EPA 8270DSIM		5		4.9 U	5 U								4.8 U	4.6 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-043 4 - 5 2-40-DP-43-04-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 Reanalysis 5/12/2008	2-40-DP-045 0 - 1 2-40-DP-45-01-S-0 5/27/2008	2-40-DP-045 4 - 5 2-40-DP-45-04-S-0 5/27/2008	2-40-DP-045 9 - 10 2-40-DP-45-09-S-0 5/27/2008	2-40-DP-046 0 - 1 2-40-DP-46-01-S-0 6/9/2008	2-40-DP-046 4 - 5 2-40-DP-46-04-S-0 6/9/2008	2-40-DP-046 9 - 10 2-40-DP-46-09-S-0 6/9/2008	2-40-DP-047 0 - 1 2-40-DP-47-01-S-0 6/25/2008	2-40-DP-047 4 - 5 2-40-DP-47-04-S-0 6/25/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33		33 U	33 U					32 U	33 U	33 U		
Aroclor 1254	EPA 8082	33	33		33 U	33 U					32 U	33 U	33 U		
Aroclor 1260	EPA 8082	33	33		33 U	33 U					32 U	33 U	33 U		
Aroclor 1262	EPA 8082	33	33		33 U	33 U					32 U	33 U	33 U		
Total PCB	EPA 8082	33	33		33 U	33 U					32 U	33 U	33 U		
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		16400	13200		13100	8770	12100	11500	9470	23000	9400	8830
Arsenic	EPA 6010B	7.3	5		6 U	5 U		6 U	5 U	5 U	5 U	5 U	11	5 U	5 U
Barium	EPA 6010B	93300	0.3		72	46.1		46.1	21.3	36	38.9 J	29.2 J	78.9 J	28.1	29.9
Beryllium	EPA 6010B	222	0.1		0.2	0.1		0.2	0.1 U	0.1	0.2	0.1 U	0.3	0.1 U	0.1
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.2 U		1.6	0.2 U	0.2 U	0.2 J	0.2 UJ	0.3 UJ	1.9	0.2 U
Calcium	EPA 6010B		5		5350	5130		5460	4070	4610	5240	4670	6630	4250	4450
Chromium	EPA 6010B		0.5		18.2	18.4		151	33.1	21.3	93	32.9	27.2	13.4	12.1
Cobalt	EPA 6010B		0.3		6.5	5.7		82.6 J	4.5 J	5.5 J	6	5.5	8.9	5.3	4.4
Copper	EPA 6010B	36.4	0.2		24.4	16.5		22.2	10.6	17.5	16	11.4	44.7	12	10.5
Iron	EPA 6010B		5		20300	16000		20800	13500	13900	16100	14000	25200	14600	12400
Lead	EPA 6010B	1000	2		5	3		14 J	2 UJ	2 UJ	6	3	16	6	2 U
Magnesium	EPA 6010B		5		4080	4050		4490	2510	3120	3360	3000	6540	3040	2440
Manganese	EPA 6010B	1146	0.1		184	166		231	130	129	172	147	299	143	117
Mercury	EPA 7471A	0.07	0.05		0.1	0.05		0.05 U	0.04 U	0.04 U	0.05 UJ	0.04 UJ	0.13 J	0.05 U	0.05 U
Molybdenum	EPA 6010B	6670	0.5		1	1		1.4	2.3	1.8	0.5 U	0.5 U	0.8	0.8	0.7
Nickel	EPA 6010B	47.8	1		14	16		20	10	11	11	9	19	10	9
Silver	EPA 6010B	0.323	0.3		0.3 U	0.3 U		11.6 J	0.3 UJ	0.3 UJ	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669	0.1		0.1 U	0.1 U		0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.2	0.1 U
Tin	EPA 6010B		1		1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1	1 U
Vanadium	EPA 6010B	9330	0.3		61.3	47.9		49	44.6	46.3	50.8	48	79.3	43.8	39
Zinc	EPA 6010B	101	1		52	40		1070 J	28 J	40 J	87	29	66	726	25
Cyanide	EPA 335.2	0.202	0.05								0.052 U	0.052 U	0.111	0.051 U	0.05 U
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		88.8	92.3					90.8	91.7	67.1	91.2	93.1
Total Organic Carbon (%)	Plumb 1981		0.02		0.563	0.288									
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5											5.8 U	6.2 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5											5.5 U	5.3 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10											11 U	11 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-047 9 - 10 2-40-DP-47-09-S-0 6/25/2008	2-40-DP-048 0 - 1 2-40-DP-48-01-S-0 7/1/2008	2-40-DP-048 4 - 5 2-40-DP-48-04-S-0 7/1/2008	2-40-DP-048 9 - 10 2-40-DP-48-09-S-0 7/1/2008	2-40-DP-049 0 - 1 2-40-DP-49-01-S-0 6/27/2008	2-40-DP-049 4 - 5 2-40-DP-49-04-S-0 6/27/2008	2-40-DP-049 9 - 10 2-40-DP-49-09-S-0 6/27/2008	2-40-DP-050 0 - 1 2-40-DP-50-01-S-0 6/18/2008	2-40-DP-050 5 - 6 2-40-DP-50-05-S-0 6/18/2008	2-40-DP-050 9 - 10 2-40-DP-50-09-S-0 6/18/2008	2-40-DP-051 0 - 1 2-40-DP-51-01-S-0 6/3/2008	2-40-DP-051 4 - 5 2-40-DP-51-04-S-0 6/3/2008
VOCs (µg/kg)																
Vinyl Chloride	EPA 8260B	4.59	1		1.4 U	1.1 U	1.3 U	4	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 UJ	1 UJ
Methylene Chloride	EPA 8260B	828	2		2.9 U	2.3 U	2.6 U	3 U	1.8 U	2.6 U	2 U	2.1 U	2.4 UJ	3 U	5.6 U	5.8 U
Acetone	EPA 8260B	355000	5		100	48 U	57 U	56 U	32	24	17	44	75 J	43	40	36
Carbon Disulfide	EPA 8260B	3640	1		5.3	1.1 U	1.3 U	1.6	1.8	1.3 U	2.6	1.6	1.2 UJ	1.5 U	1 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.4 U	1.5	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	3.6	1 U	1 U
Chloroform	EPA 8260B	140	1		1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
2-Butanone	EPA 8260B	802000	5		25	6.8	6.5 U	7.4 U	4.4 U	6.4 U	5.1 U	5.6	6.8 J	7.4 U	5.2 U	5 U
Trichloroethene	EPA 8260B	2	1		1.4 U	150	130	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
Benzene	EPA 8260B	25.3	1		1.4 U	1.1 U	1.3 U	2.2	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.6	1 U	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		7.2 U	5.6 U	6.5 U	7.4 U	4.4 U	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U	5 U
Tetrachloroethene	EPA 8260B	8.72	1		1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
Toluene	EPA 8260B	109000	1		1.4 U	2.6	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
Ethylbenzene	EPA 8260B	18100	1		1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
Styrene	EPA 8260B	71	1		1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1		1.4 U	1.8	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
o-Xylene	EPA 8260B	143000	1		1.4 U	1.1 U	1.3 U	2.1	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1		1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.4 U	1.1 U	1.3 U	4	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.4 U	1.1 U	1.3 U	17	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
Isopropylbenzene	EPA 8260B	49800	1		1.4 U	1.1 U	1.3 U	2	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
n-Propylbenzene	EPA 8260B	13600	1		1.4 U	1.1 U	1.3 U	6.2	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1		1.4 U	1.1 U	1.3 U	6	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
4-Isopropyltoluene	EPA 8260B		1		1.4 U	1.1 U	1.3 U	3.1	1.2	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
n-Butylbenzene	EPA 8260B	4640	1		1.4 U	1.1 U	1.3 U	3.1	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U	1 U
Naphthalene	EPA 8260B	39400	5		7.2 U	5.6 U	6.5 U	7.4 U	4.4 UJ	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U	5 U
SVOCs (µg/kg)																
1,4-Dichlorobenzene	EPA 8270D		67		67 U							65 U	66 U	64 U		
4-Methylphenol	EPA 8270D	13100	67		67 U							65 U	66 U	64 U		
Naphthalene	EPA 8270D	39400	67		67 U							65 U	66 U	64 U		
2-Methylnaphthalene	EPA 8270D		67		67 U							65 U	66 U	64 U		
Acenaphthylene	EPA 8270D		67		67 U							65 U	66 U	64 U		
Acenaphthene	EPA 8270D	32400	67		67 U							65 U	66 U	64 U		
Dibenzofuran	EPA 8270D		67		67 U							65 U	66 U	64 U		
Diethylphthalate	EPA 8270D	79300	67		67 U							65 U	66 U	64 U		
Fluorene	EPA 8270D	270000	67		67 U							65 U	66 U	64 U		
Phenanthrene	EPA 8270D		67		67 U							65 U	66 U	64 U		
Carbazole	EPA 8270D		67		67 U							65 U	66 U	64 U		
Anthracene	EPA 8270D	6080000	67		67 U							65 U	66 U	64 U		
Fluoranthene	EPA 8270D	44000	67		67 U							65 U	66 U	64 U		
Pyrene	EPA 8270D	1750000	67		67 U							65 U	66 U	64 U		
Benzo(a)anthracene	EPA 8270D	41.9	67		67 U							65 U	66 U	64 U		
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		67 U							98	66 U	300		
Chrysene	EPA 8270D	46.6	67		67 U							65 U	66 U	64 U		
Benzo(b)fluoranthene	EPA 8270D	144	67		67 U							65 U	66 U	64 U		
Benzo(k)fluoranthene	EPA 8270D	144	67		67 U							65 U	66 U	64 U		
Benzo(a)pyrene	EPA 8270D	113	67		67 U							65 U	66 U	64 U		
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		67 U							65 U	66 U	64 U		
Dibenz(a,h)anthracene	EPA 8270D	210	67		67 U							65 U	66 U	64 U		
Benzo(g,h,i)perylene	EPA 8270D		67		67 U							65 U	66 U	64 U		
1-Methylnaphthalene	EPA 8270D		67		67 U							65 U	66 U	64 U		
Naphthalene	EPA 8270DSIM	39400	5		77							5.3	5 U	5.4		
2-Methylnaphthalene	EPA 8270DSIM		5		42							5.3	5 U	5.4		
1-Methylnaphthalene	EPA 8270DSIM		5		27							4.8	5 U	5		
Acenaphthylene	EPA 8270DSIM		5		4.7 U							5.8	5 U	5 U		
Acenaphthene	EPA 8270DSIM	32400	5		14							4.8 U	5 U	6.4		
Fluorene	EPA 8270DSIM	270000	5		20							4.8 U	5 U	9.4		
Phenanthrene	EPA 8270DSIM		5		62							45	8	35		
Anthracene	EPA 8270DSIM	6080000	5		8.5							6.8	5 U	6.9		
Fluoranthene	EPA 8270DSIM	44000	5		39							37	5 U	52		
Pyrene	EPA 8270DSIM	1750000	5		32							46	5 U	37		
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		11							18	5 U	9.9		
Chrysene	EPA 8270DSIM	46.6	5		17							25	5 U	15		
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		18							15	5 U	8.4		
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		22							15	5 U	6.9		
Benzo(a)pyrene	EPA 8270DSIM	113	5		13							18	5 U	5 U		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		4.7 U							13	5 U	5 U		
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		4.7 U							4.8 U	5 U	5 U		
Benzo(g,h,i)perylene	EPA 8270DSIM		5		4.7 U							16	5 U	7.4		
Dibenzofuran	EPA 8270DSIM		5		18							4.8 U	5 U	5		

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-047 9 - 10 2-40-DP-47-09-S-0 6/25/2008	2-40-DP-048 0 - 1 2-40-DP-48-01-S-0 7/1/2008	2-40-DP-048 4 - 5 2-40-DP-48-04-S-0 7/1/2008	2-40-DP-048 9 - 10 2-40-DP-48-09-S-0 7/1/2008	2-40-DP-049 0 - 1 2-40-DP-49-01-S-0 6/27/2008	2-40-DP-049 4 - 5 2-40-DP-49-04-S-0 6/27/2008	2-40-DP-049 9 - 10 2-40-DP-49-09-S-0 6/27/2008	2-40-DP-050 0 - 1 2-40-DP-50-01-S-0 6/18/2008	2-40-DP-050 5 - 6 2-40-DP-50-05-S-0 6/18/2008	2-40-DP-050 9 - 10 2-40-DP-50-09-S-0 6/18/2008	2-40-DP-051 0 - 1 2-40-DP-51-01-S-0 6/3/2008	2-40-DP-051 4 - 5 2-40-DP-51-04-S-0 6/3/2008
PCBs (µg/kg)																
Aroclor 1248	EPA 8082	33	33									33 U	32 U	32 U	32 U	33 U
Aroclor 1254	EPA 8082	33	33									33 U	32 U	32 U	32 U	33 U
Aroclor 1260	EPA 8082	33	33									33 U	32 U	32 U	32 U	33 U
Aroclor 1262	EPA 8082	33	33									33 U	32 U	32 U	32 U	33 U
Total PCB	EPA 8082	33	33									33 U	32 U	32 U	32 U	33 U
Inorganics (mg/kg)																
Aluminum	EPA 6010B		5		15200	11800	13500	13400	15000	9540	12600	11700	8340	18100	11100	11700
Arsenic	EPA 6010B	7.3	5		7 U	5	5 U	10	5 U	5 U	6 U	5 U	5 U	8	5	5 U
Barium	EPA 6010B	93300	0.3		70	41.3	49.7	41	63.8	25.4	43.6	43.9	30	70.5	51.5	42.5
Beryllium	EPA 6010B	222	0.1		0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1
Cadmium	EPA 6010B	1.21	0.2		0.3 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2	0.2 U
Calcium	EPA 6010B		5		5760	5250	4820	4750	5700	4600	6060	4880	4080	5490	5050	4370
Chromium	EPA 6010B		0.5		17.7	14.9	14.8	14.6	20	9.9	11.9	16.7	12	20.1	14.5	15.6
Cobalt	EPA 6010B		0.3		5.3	5.9	5.2	6.4	7.6	4.1	4.7	8.1	8.2	7	5.4	5.4
Copper	EPA 6010B	36.4	0.2		24.9	27.4	17	35.3	18.5	10.2	16.9	16.3	10.8	27.5	19.3	16
Iron	EPA 6010B		5		17100	17900	15000	16200	16800	11800	15600	15400	12400	21500	14700	15000
Lead	EPA 6010B	1000	2		11	7	3	3 U	7	2 U	2 U	5	2	7	6	5
Magnesium	EPA 6010B		5		4080	3220	3160	3040	5760	2480	2310	3360	2560	4500	3250	3200
Manganese	EPA 6010B	1146	0.1		200	169	141	127	252	112	462	164	130	233	158	164
Mercury	EPA 7471A	0.07	0.05		0.07	0.05	0.04 U	0.05	0.04 U	0.05	0.06 U	0.05 U	0.05 U	0.06	0.04 U	0.04 U
Molybdenum	EPA 6010B	6670	0.5		1.2	1.2	1	4.8	0.5 U	0.5 U	0.6 U	0.5 U	0.6	0.7 U	0.5 U	0.9
Nickel	EPA 6010B	47.8	1		13	12	12	13	24	7.9	8	13	9	15	12	11
Silver	EPA 6010B	0.323	0.3		0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.4	0.4 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669	0.1		0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1
Tin	EPA 6010B		1		1 U	4	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		50.6	47.5	49.1	64.2	48.5	37.3	46.2	44.8	37.4	56.5	44.7	46
Zinc	EPA 6010B	101	1		53	38	32	28	39	24.4	22	36	26	44	40	36
Cyanide	EPA 335.2	0.202	0.05		0.359							0.065	0.051	0.067 U	0.054 U	0.055 U
Chromium(VI)	SM3500CrD	19.2	0.4													
Total Solids (%)	EPA 160.3		0.01		69.2							91.3	95.6	71.4	91	90.3
Total Organic Carbon (%)	Plumb 1981		0.02													
Petroleum Hydrocarbons (mg/kg)																
TPH - Gasoline Range	NWTPH-Gx	30	5		8.9 U										8.4 J	6.3 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		7.1 U										5.4 U	5.5 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		15										11 U	12

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-051 9 - 10 2-40-DP-51-09-S-0 6/3/2008	2-40-DP-052 0 - 1 2-40-DP-52-01-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 Reanalysis 7/2/2008	2-40-DP-052 9 - 10 2-40-DP-52-09-S-0 7/2/2008	2-40-DP-053 0 - 1 2-40-DP-53-01-S-0 6/9/2008	2-40-DP-053 4 - 5 2-40-DP-53-04-S-0 6/9/2008	2-40-DP-053 9 - 10 2-40-DP-53-09-S-0 6/9/2008	2-40-DP-054 0 - 1 2-40-DP-54-01-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 Reanalysis 6/6/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 UJ	1.5 UJ	1 UJ	1.6 UJ	1.7 UJ	1.4 UJ
Methylene Chloride	EPA 8260B	828	2		3.1 U	3.2 U	8.6 U	6.9 U	7.5 U	1.8 U	4.9 U	2.1 U	3.2 U	3.3 U	4
Acetone	EPA 8260B	355000	5		20 J	63	280	12 U	120	62	56	47	68	63	93
Carbon Disulfide	EPA 8260B	3640	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	7.1	4.1	6.9	1.6 U	8.7	6.8
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Chloroform	EPA 8260B	140	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
2-Butanone	EPA 8260B	802000	5		5.5 UJ	4.9 U	8.5	5.4 U	27	8.3	7.9	6.2	8 U	8.8	15
Trichloroethene	EPA 8260B	2	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Benzene	EPA 8260B	25.3	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	1	1.5 U	1 U	1.6 U	2	1.4 U
Methyl isobutyl ketone	EPA 8260B	35500	5		5.5 UJ	4.9 U	6.9 U	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 U	7.2 U
Tetrachloroethene	EPA 8260B	8.72	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Toluene	EPA 8260B	109000	1		1.1 UJ	1 U	1.4 U	3.1	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Ethylbenzene	EPA 8260B	18100	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Styrene	EPA 8260B	71	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
m,p-Xylene	EPA 8260B	2910000000	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
o-Xylene	EPA 8260B	143000	1		1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,4-Dichlorobenzene	EPA 8260B		1		1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
Isopropylbenzene	EPA 8260B	49800	1		1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
n-Propylbenzene	EPA 8260B	13600	1		1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
sec-Butylbenzene	EPA 8260B	7860	1		1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
4-Isopropyltoluene	EPA 8260B		1		1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
n-Butylbenzene	EPA 8260B	4640	1		1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
Naphthalene	EPA 8260B	39400	5		5.5 UJ	4.9 U	6.9 UJ	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 UJ	7.2 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67							65 U	66 U	63 U			
4-Methylphenol	EPA 8270D	13100	67							65 U	66 U	63 U			
Naphthalene	EPA 8270D	39400	67							65 U	66 U	63 U			
2-Methylnaphthalene	EPA 8270D		67							65 U	66 U	63 U			
Acenaphthylene	EPA 8270D		67							65 U	66 U	63 U			
Acenaphthene	EPA 8270D	32400	67							65 U	66 U	63 U			
Dibenzofuran	EPA 8270D		67							65 U	66 U	63 U			
Diethylphthalate	EPA 8270D	79300	67							65 U	66 U	63 U			
Fluorene	EPA 8270D	270000	67							65 U	66 U	63 U			
Phenanthrene	EPA 8270D		67							65 U	66 U	63 U			
Carbazole	EPA 8270D		67							65 U	66 U	63 U			
Anthracene	EPA 8270D	6080000	67							65 U	66 U	63 U			
Fluoranthene	EPA 8270D	44000	67							65 U	66 U	63 U			
Pyrene	EPA 8270D	1750000	67							65 U	66 U	63 U			
Benzo(a)anthracene	EPA 8270D	41.9	67							65 U	66 U	63 U			
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67							65 U	66 U	63 U			
Chrysene	EPA 8270D	46.6	67							65 U	66 U	63 U			
Benzo(b)fluoranthene	EPA 8270D	144	67							65 U	66 U	63 U			
Benzo(k)fluoranthene	EPA 8270D	144	67							65 U	66 U	63 U			
Benzo(a)pyrene	EPA 8270D	113	67							65 U	66 U	63 U			
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67							65 U	66 U	63 U			
Dibenz(a,h)anthracene	EPA 8270D	210	67							65 U	66 U	63 U			
Benzo(g,h,i)perylene	EPA 8270D		67							65 U	66 U	63 U			
1-Methylnaphthalene	EPA 8270D		67							65 U	66 U	63 U			
Naphthalene	EPA 8270DSIM	39400	5							5 U	5 U	9.4			
2-Methylnaphthalene	EPA 8270DSIM		5							5 U	7.4	15			
1-Methylnaphthalene	EPA 8270DSIM		5							5 U	7.4	14			
Acenaphthylene	EPA 8270DSIM		5							5 U	5 U	5 U			
Acenaphthene	EPA 8270DSIM	32400	5							5 U	5 U	7.4			
Fluorene	EPA 8270DSIM	270000	5							5 U	5.4	9.9			
Phenanthrene	EPA 8270DSIM		5							6.5	24	40			
Anthracene	EPA 8270DSIM	6080000	5							5 U	5 U	7.4			
Fluoranthene	EPA 8270DSIM	44000	5							5 U	21	31			
Pyrene	EPA 8270DSIM	1750000	5							5 U	18	26			
Benzo(a)anthracene	EPA 8270DSIM	41.9	5							5 U	6.4	8.4			
Chrysene	EPA 8270DSIM	46.6	5							5 U	8.4	11			
Benzo(b)fluoranthene	EPA 8270DSIM	144	5							5 U	7.4	5.9			
Benzo(k)fluoranthene	EPA 8270DSIM	144	5							5 U	5 U	5			
Benzo(a)pyrene	EPA 8270DSIM	113	5							5 U	5 U	5 U			
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5							5 U	5 U	5 U			
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5							5 U	5 U	5 U			
Benzo(g,h,i)perylene	EPA 8270DSIM		5							5 U	5.9	5			
Dibenzofuran	EPA 8270DSIM		5							5 U	5 U	9.9			

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-051 9 - 10 2-40-DP-51-09-S-0 6/3/2008	2-40-DP-052 0 - 1 2-40-DP-52-01-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 Reanalysis 7/2/2008	2-40-DP-052 9 - 10 2-40-DP-52-09-S-0 7/2/2008	2-40-DP-053 0 - 1 2-40-DP-53-01-S-0 6/9/2008	2-40-DP-053 4 - 5 2-40-DP-53-04-S-0 6/9/2008	2-40-DP-053 9 - 10 2-40-DP-53-09-S-0 6/9/2008	2-40-DP-054 0 - 1 2-40-DP-54-01-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 Reanalysis 6/6/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33		32 U	32 U	31 U		32 U						
Aroclor 1254	EPA 8082	33	33		32 U	32 U	31 U		32 U						
Aroclor 1260	EPA 8082	33	33		32 U	32 U	31 U		32 U						
Aroclor 1262	EPA 8082	33	33		32 U	32 U	31 U		32 U						
Total PCB	EPA 8082	33	33		32 U	32 U	31 U		32 U						
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		10300	11700	17000		19100	10000	19000	10200	9460	8590	
Arsenic	EPA 6010B	7.3	5		5 U	5 U	7		7	5 U	7 U	5 U	5	7 U	
Barium	EPA 6010B	93300	0.3		36	39.8	67.6		74.2	39.5 J	79 J	32.4 J	33	37.4	
Beryllium	EPA 6010B	222	0.1		0.1	0.1	0.3		0.3	0.1	0.3	0.1	0.1	0.2	
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.2 U	0.3 U		0.3 U	0.2 UJ	0.3 UJ	0.2 UJ	0.2 U	0.3 U	
Calcium	EPA 6010B		5		4330	4560	5860		6010	4700	6080	4410	5950	2730	
Chromium	EPA 6010B		0.5		13.4	13.6	21.1		23.1	12.7	21.7	12.3	13.1	10.9	
Cobalt	EPA 6010B		0.3		4.7	5.5	8.2		8.7	7.3	8.1	4.7	5.1	4.2	
Copper	EPA 6010B	36.4	0.2		15.4	14.6	28.2		30.5	12.9	29.2	10.9	12.7	15.5	
Iron	EPA 6010B		5		14000	15400	21300		22500	13800	21800	13000	13500	11700	
Lead	EPA 6010B	1000	2		4	5	5		6	7	7	2	6	4	
Magnesium	EPA 6010B		5		2930	3170	4300		5110	2910	5300	2740	2730	2600	
Manganese	EPA 6010B	1146	0.1		143	164	164		267	159	257	131	139	130	
Mercury	EPA 7471A	0.07	0.05		0.05 U	0.04	0.07		0.08	0.04 UJ	0.13 J	0.05 UJ	0.05 U	0.08	
Molybdenum	EPA 6010B	6670	0.5		0.6	1	1.5		1.5	0.5 U	0.7 U	0.5 U	0.5 U	0.7 U	
Nickel	EPA 6010B	47.8	1		10	12	16		19	10	16	8	9	8	
Silver	EPA 6010B	0.323	0.3		0.3 U	0.3 U	0.4 U		0.4 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	
Thallium	EPA 7841	0.669	0.1		0.1	0.1	0.1		0.1 U	0.1	0.2	0.1 U	0.1 U	0.1 U	
Tin	EPA 6010B		1		1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	
Vanadium	EPA 6010B	9330	0.3		41.7	48	67.1		64.8	42.7	63.3	40	41.8	32.6	
Zinc	EPA 6010B	101	1		29	36	42		46	34	51	28	36	26	
Cyanide	EPA 335.2	0.202	0.05		0.055 U	0.078	0.203		0.063 U	0.052 U	0.063 U	0.052 U	0.052 U	0.062 U	
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		89.3	91.6	79.6		73.5	94.7	78.3	95	93.2	74.2	
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5		26 J	6.3 U	12 J		10 U						
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		5.6 U	5.6 U	6.5 J		7.2 U						
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		11 U	11 U	11 U		14 U						

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-054 9 - 10 2-40-DP-54-09-S-0 6/6/2008	2-40-DP-055 0 - 1 2-40-DP-55-01-S-0 7/7/2008	2-40-DP-055 4 - 5 2-40-DP-55-04-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 Reanalysis 7/7/2008	2-40-DP-056 0 - 1 2-40-DP-56-01-S-0 6/4/2008	2-40-DP-056 4 - 5 2-40-DP-56-04-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 Reanalysis 6/4/2008	2-40-DP-057 0 - 1 2-40-DP-57-01-S-0 6/5/2008	2-40-DP-057 4 - 5 2-40-DP-57-04-S-0 6/5/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.5 UJ	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 UJ	80 UJ	1 UJ	1 UJ
Methylene Chloride	EPA 8260B	828	2		3 U	1.9 U	2.4 U	3.5 U	3.9 U	4.4 U	3.2 U	2.1 U	160 U	2.1 U	4.4 U
Acetone	EPA 8260B	355000	5		80	27	19	120	99	85 U	70	54 U	400 U	17	37
Carbon Disulfide	EPA 8260B	3640	1		12	1 U	1.2 U	32	2.5	1.8 U	1.3 U	1 U	80 U	2.4	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1.8	80 U	1 U	1 U
Chloroform	EPA 8260B	140	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U
2-Butanone	EPA 8260B	802000	5		13	4.7 U	6 U	11	20	9.1 U	6.4 U	6.1	400 U	4.9 U	4.8 U
Trichloroethene	EPA 8260B	2	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	71	88	230 E	1200	2.7	12
Benzene	EPA 8260B	25.3	1		1.7	1.4	1.2 U	2.8	1.6 U	1.8 U	1.3 U	1.6	80 U	1 U	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		7.5 U	4.7 U	6 U	8.8 U	8.2 U	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U
Tetrachloroethene	EPA 8260B	8.72	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U
Toluene	EPA 8260B	109000	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U
Ethylbenzene	EPA 8260B	18100	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U
Styrene	EPA 8260B	71	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U
o-Xylene	EPA 8260B	143000	1		1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1		1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U
Isopropylbenzene	EPA 8260B	49800	1		1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U
n-Propylbenzene	EPA 8260B	13600	1		1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1		1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U
4-Isopropyltoluene	EPA 8260B		1		1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U
n-Butylbenzene	EPA 8260B	4640	1		1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U
Naphthalene	EPA 8260B	39400	5		7.5 U	4.7 U	6 U	8.8 UJ	8.2 UJ	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67							66 U	66 U	63 U		66 U	63 U
4-Methylphenol	EPA 8270D	13100	67							66 U	66 U	63 U		66 U	63 U
Naphthalene	EPA 8270D	39400	67							66 U	66 U	63 U		66 U	63 U
2-Methylnaphthalene	EPA 8270D		67							66 U	66 U	63 U		66 U	63 U
Acenaphthylene	EPA 8270D		67							66 U	66 U	63 U		66 U	63 U
Acenaphthene	EPA 8270D	32400	67							66 U	66 U	63 U		66 U	63 U
Dibenzofuran	EPA 8270D		67							66 U	66 U	63 U		66 U	63 U
Diethylphthalate	EPA 8270D	79300	67							66 U	66 U	63 U		66 U	63 U
Fluorene	EPA 8270D	270000	67							66 U	66 U	63 U		66 U	63 U
Phenanthrene	EPA 8270D		67							66 U	66 U	63 U		66 U	63 U
Carbazole	EPA 8270D		67							66 U	66 U	63 U		66 U	63 U
Anthracene	EPA 8270D	6080000	67							66 U	66 U	63 U		66 U	63 U
Fluoranthene	EPA 8270D	44000	67							66 U	66 U	63 U		66 U	63 U
Pyrene	EPA 8270D	1750000	67							66 U	66 U	63 U		66 U	63 U
Benzo(a)anthracene	EPA 8270D	41.9	67							66 U	66 U	63 U		66 U	63 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67							66 U	66 U	64 U		66 U	63 U
Chrysene	EPA 8270D	46.6	67							66 U	66 U	63 U		66 U	63 U
Benzo(b)fluoranthene	EPA 8270D	144	67							66 U	66 U	63 U		66 U	63 U
Benzo(k)fluoranthene	EPA 8270D	144	67							66 U	66 U	63 U		66 U	63 U
Benzo(a)pyrene	EPA 8270D	113	67							66 U	66 U	63 U		66 U	63 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67							66 UJ	66 UJ	63 UJ		66 U	63 U
Dibenz(a,h)anthracene	EPA 8270D	210	67							66 UJ	66 UJ	63 UJ		66 U	63 U
Benzo(g,h,i)perylene	EPA 8270D		67							66 UJ	66 UJ	63 UJ		66 U	63 U
1-Methylnaphthalene	EPA 8270D		67							66 U	66 U	63 U		66 U	63 U
Naphthalene	EPA 8270DSIM	39400	5							4.8 U	4.8 U	5 U		4.8 U	4.8 U
2-Methylnaphthalene	EPA 8270DSIM		5							4.8 U	4.8 U	5 U		4.8 U	4.8 U
1-Methylnaphthalene	EPA 8270DSIM		5							4.8 U	4.8 U	5 U		4.8 U	4.8 U
Acenaphthylene	EPA 8270DSIM		5							4.8 U	4.8 U	5 U		4.8 U	4.8 U
Acenaphthene	EPA 8270DSIM	32400	5							4.8 U	4.8 U	5 U		4.8 U	4.8 U
Fluorene	EPA 8270DSIM	270000	5							4.8 U	4.8 U	5 U		4.8 U	4.8 U
Phenanthrene	EPA 8270DSIM		5							5.8	4.8 U	5 U		4.8 U	10
Anthracene	EPA 8270DSIM	6080000	5							4.8 U	4.8 U	5 U		4.8 U	4.8 U
Fluoranthene	EPA 8270DSIM	44000	5							12	4.8 U	5 U		4.8 U	11
Pyrene	EPA 8270DSIM	1750000	5							12	4.8 U	5 U		4.8 U	9.1
Benzo(a)anthracene	EPA 8270DSIM	41.9	5							8.6	4.8 U	5 U		4.8 U	4.8 U
Chrysene	EPA 8270DSIM	46.6	5							11	4.8 U	5 U		4.8 U	6.2
Benzo(b)fluoranthene	EPA 8270DSIM	144	5							9.1	4.8 U	5 U		4.8 U	4.8
Benzo(k)fluoranthene	EPA 8270DSIM	144	5							9.6	4.8 U	5 U		4.8 U	4.8 U
Benzo(a)pyrene	EPA 8270DSIM	113	5							9.1	4.8 U	5 U		4.8 U	4.8 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5							5.8	4.8 U	5 U		4.8 U	4.8 U
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5							4.8 U	4.8 U	5 U		4.8 U	4.8 U
Benzo(g,h,i)perylene	EPA 8270DSIM		5							5.8	4.8 U	5 U		4.8 U	4.8 U
Dibenzofuran	EPA 8270DSIM		5							4.8 U	4.8 U	5 U		4.8 U	4.8 U

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-054 9 - 10 2-40-DP-54-09-S-0 6/6/2008	2-40-DP-055 0 - 1 2-40-DP-55-01-S-0 7/7/2008	2-40-DP-055 4 - 5 2-40-DP-55-04-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 Reanalysis 7/7/2008	2-40-DP-056 0 - 1 2-40-DP-56-01-S-0 6/4/2008	2-40-DP-056 4 - 5 2-40-DP-56-04-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 Reanalysis 6/4/2008	2-40-DP-057 0 - 1 2-40-DP-57-01-S-0 6/5/2008	2-40-DP-057 4 - 5 2-40-DP-57-04-S-0 6/5/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33											32 U	33 U
Aroclor 1254	EPA 8082	33	33											32 U	33 U
Aroclor 1260	EPA 8082	33	33											32 U	33 U
Aroclor 1262	EPA 8082	33	33											32 U	33 U
Total PCB	EPA 8082	33	33											32 U	33 U
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		17000	14400	11900	24700		10800	10200	11100		12000	10200
Arsenic	EPA 6010B	7.3	5		8	5 U	5 U	8		5 U	5 U	6 U		5 U	5 U
Barium	EPA 6010B	93300	0.3		65.7	47.7	39.2	85.1		39.6	37.8	41.2		40.8	36.2
Beryllium	EPA 6010B	222	0.1		0.3	0.2	0.1	0.4		0.1	0.1	0.1		0.2	0.1
Cadmium	EPA 6010B	1.21	0.2		0.3 U	0.2 U	0.2 U	0.3		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U
Calcium	EPA 6010B		5		5360	7500	4580	7380		4560	4290	4510		5760	4830
Chromium	EPA 6010B		0.5		19.8	18.5	16.2	28.4		13.1	14.2	14.2		16.6	25.3
Cobalt	EPA 6010B		0.3		8.4	5.6	5	8.9		4.6	4.7	5		5.5	4.5
Copper	EPA 6010B	36.4	0.2		26.7	18.8	14.9	45.2		13.2	36.2	15.3		17.9	13.4
Iron	EPA 6010B		5		21100	15600	15900	27500		13900	14100	14900		15500	13700
Lead	EPA 6010B	1000	2		7	7	4	16		15	15	5		3	5
Magnesium	EPA 6010B		5		4790	3770	3310	6500		3000	2940	3030		4040	2990
Manganese	EPA 6010B	1146	0.1		232	172	149	348		136	150	140		193 J	140
Mercury	EPA 7471A	0.07	0.05		0.09	0.06	0.04 U	0.16		0.04 U	0.05 U	0.06 U		0.04 U	0.05
Molybdenum	EPA 6010B	6670	0.5		0.9	0.7	0.7	1.2		0.5 U	0.5 U	0.6		0.6	0.6
Nickel	EPA 6010B	47.8	1		16	14	11	22		10	9	11		13	11
Silver	EPA 6010B	0.323	0.3		0.4 U	0.3 U	0.3 U	0.5 U		0.3 U	0.3 U	0.3 U		0.3 U	0.3 U
Thallium	EPA 7841	0.669	0.1		0.1 U	0.1 U	0.1 U	0.2 U		0.1 U	0.1 U	0.1 U		0.1	0.1
Tin	EPA 6010B		1		1 U	1 U	1 U	2 U		1 U	1 U	1 U		1 UJ	1 U
Vanadium	EPA 6010B	9330	0.3		54.8	48.3	48.9	76.6		41.2	41.7	45		41.9	39.2
Zinc	EPA 6010B	101	1		46	49	31	66		35	33	34		32	32
Cyanide	EPA 335.2	0.202	0.05		0.071 U	0.137	0.099	0.081		0.053 U	0.055 U	0.055 U		0.051 U	0.051 U
Chromium(VI)	SM3500CrD	19.2	0.4							0.431 UJ	0.446 UJ	0.451 UJ			
Total Solids (%)	EPA 160.3		0.01		70.1	92.2	83	62		92.8	88.6	88.3		96	94.6
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5												
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10												

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-057 9 - 10 2-40-DP-57-09-S-0 6/5/2008	2-40-DP-058 0 - 1 2-40-DP-58-01-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 Reextract 6/10/2008	2-40-DP-058 9 - 10 2-40-DP-58-09-S-0 6/10/2008	2-40-DP-059 0 - 1 2-40-DP-59-01-S-0 6/18/2008	2-40-DP-059 4 - 5 2-40-DP-59-04-S-0 6/18/2008	2-40-DP-059 9 - 10 2-40-DP-59-09-S-0 6/18/2008	2-40-DP-060 0 - 1 2-40-DP-60-01-S-0 6/17/2008	2-40-DP-060 4 - 5 2-40-DP-60-04-S-0 6/17/2008	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 6/17/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.5 UJ	1.1 UJ	1.2 UJ		1.6 UJ	0.9 U	1 U	1.4 U	1 UJ	1.2 UJ	1.6 UJ
Methylene Chloride	EPA 8260B	828	2		3 U	2.2 U	4.6 U		3.2 U	1.7 U	2 U	2.7 U	3.9 U	2.4 U	3.2 U
Acetone	EPA 8260B	355000	5		39	84	28 U		93	54	29	94	30 U	17 U	87
Carbon Disulfide	EPA 8260B	3640	1		1.5 U	2.2	1.2 U		1.7	0.9 U	1 U	1.8	1.2 U	1.2 U	5.8 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	18	1 U	1.2 U	1.6 U
Chloroform	EPA 8260B	140	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U
2-Butanone	EPA 8260B	802000	5		7.6 U	5.7	5.9 U		15	6	5 U	17	5.1 U	6.1 U	13
Trichloroethene	EPA 8260B	2	1		4.2	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U
Benzene	EPA 8260B	25.3	1		1.5 U	1.1 U	1.2 U		6.7	1.1	1 U	10	1 U	1.2 U	2.6
Methyl isobutyl ketone	EPA 8260B	35500	5		7.6 U	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 U
Tetrachloroethene	EPA 8260B	8.72	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U
Toluene	EPA 8260B	109000	1		1.5 U	1.1 U	1.2 U		1.6 U	1	1 U	2.8	1 U	1.2 U	1.6 U
Ethylbenzene	EPA 8260B	18100	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U
Styrene	EPA 8260B	71	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U
m,p-Xylene	EPA 8260B	2910000000	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U
o-Xylene	EPA 8260B	143000	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U
1,4-Dichlorobenzene	EPA 8260B		1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ
Isopropylbenzene	EPA 8260B	49800	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ
n-Propylbenzene	EPA 8260B	13600	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ
sec-Butylbenzene	EPA 8260B	7860	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ
4-Isopropyltoluene	EPA 8260B		1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ
n-Butylbenzene	EPA 8260B	4640	1		1.5 U	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ
Naphthalene	EPA 8260B	39400	5		7.6 U	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 UJ
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
4-Methylphenol	EPA 8270D	13100	67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Naphthalene	EPA 8270D	39400	67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
2-Methylnaphthalene	EPA 8270D		67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Acenaphthylene	EPA 8270D		67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Acenaphthene	EPA 8270D	32400	67		66 U	67 U	64 UJ	49 UJ	78	65 U	64 U	64 U	63 U	64 U	64 U
Dibenzofuran	EPA 8270D		67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Diethylphthalate	EPA 8270D	79300	67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Fluorene	EPA 8270D	270000	67		66 U	67 U	64 UJ	49 UJ	68	65 U	64 U	64 U	63 U	64 U	64 U
Phenanthrene	EPA 8270D		67		66 U	67 U	64 UJ	49 UJ	220	220	64 U	64 U	63 U	64 U	64 U
Carbazole	EPA 8270D		67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Anthracene	EPA 8270D	6080000	67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Fluoranthene	EPA 8270D	44000	67		66 U	67 U	64 UJ	49 UJ	180	250	64 U	77	63 U	64 U	64 U
Pyrene	EPA 8270D	1750000	67		66 U	67 U	64 UJ	49 UJ	190	250	64 U	80	63 U	64 U	64 U
Benzo(a)anthracene	EPA 8270D	41.9	67		66 U	67 U	64 UJ	49 UJ	65 U	95	64 U	64 U	63 U	64 U	64 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		66 U	67 U	64 UJ	49 UJ	65 U	300	64 U	64 U	63 U	64 U	64 U
Chrysene	EPA 8270D	46.6	67		66 U	67 U	64 UJ	49 UJ	65 U	170	64 U	64 U	63 U	64 U	64 U
Benzo(b)fluoranthene	EPA 8270D	144	67		66 U	67 U	64 UJ	49 UJ	65 U	140	64 U	64 U	63 U	64 U	64 U
Benzo(k)fluoranthene	EPA 8270D	144	67		66 U	67 U	64 UJ	49 UJ	65 U	150	64 U	64 U	63 U	64 U	64 U
Benzo(a)pyrene	EPA 8270D	113	67		66 U	67 U	64 UJ	49 UJ	65 U	110	64 U	64 U	63 U	64 U	64 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Dibenz(a,h)anthracene	EPA 8270D	210	67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Benzo(g,h,i)perylene	EPA 8270D		67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
1-Methylnaphthalene	EPA 8270D		67		66 U	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U
Naphthalene	EPA 8270DSIM	39400	5		5 U	4.8 U	5 U		31	28	4.9 U	9.4	4.8 U	4.8 U	6.3 J
2-Methylnaphthalene	EPA 8270DSIM		5		5 U	4.8 U	5 U		22	12	4.9 U	9.4	4.8 U	4.8 U	7.3 J
1-Methylnaphthalene	EPA 8270DSIM		5		5 U	4.8 U	5 U		21	8.6	4.9 U	8.4	4.8 U	4.8 U	11 J
Acenaphthylene	EPA 8270DSIM		5		5 U	4.8 U	5 U		5 U	24	4.9 U	5 U	4.8 U	4.8 U	4.8 UJ
Acenaphthene	EPA 8270DSIM	32400	5		5 U	4.8 U	5 U		100	4.8 U	4.9 U	9.9	4.8 U	4.8 U	36 J
Fluorene	EPA 8270DSIM	270000	5		5 U	4.8 U	5 U		120	8.6	4.9 U	13	4.8 U	4.8 U	28 J
Phenanthrene	EPA 8270DSIM		5		5 U	4.8 U	5 U		360	180	6.4	40	4.8 U	4.8 U	63 J
Anthracene	EPA 8270DSIM	6080000	5		5 U	4.8 U	5 U		50	24	4.9 U	8.4	4.8 U	4.8 U	5.3 J
Fluoranthene	EPA 8270DSIM	44000	5		5 U	4.8 U	5 U		330	290	4.9 U	72	4.8 U	4.8 U	35 J
Pyrene	EPA 8270DSIM	1750000	5		5 U	4.8 U	5 U		220	300	5.9	48	4.8 U	4.8 U	26 J
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		5 U	4.8 U	5 U		51	120	4.9 U	16	4.8 U	4.8 U	6.8 J
Chrysene	EPA 8270DSIM	46.6	5		5 U	4.8 U	5 U		56	180	4.9 U	23	4.8 U	4.8 U	9.2 J
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		5 U	4.8 U	5 U		29	150	4.9 U	16	4.8 U	4.8 U	4.8 UJ
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		5 U	4.8 U	5 U		29	130	4.9 U	12	4.8 U	4.8 U	4.8 UJ
Benzo(a)pyrene	EPA 8270DSIM	113	5		5 U	4.8 U	5 U		20	130	4.9 U	5 U	4.8 U	4.8 U	4.8 UJ
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		5 U	4.8 U	5 U		10	120	4.9 U	9.9	4.8 U	4.8 U	4.8 UJ
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		5 U	4.8 U	5 U		5 U	38	4.9 U	5 U	4.8 U	4.8 U	4.8 UJ
Benzo(g,h,i)perylene	EPA 8270DSIM		5		5 U	4.8 U	5 U		14	160	4.9 U	15	4.8 U	4.8 U	6.3 J
Dibenzofuran	EPA 8270DSIM		5		5 U	4.8 U	5 U		62	7.2	4.9 U	6.4	4.8 U	4.8 U	9.2 J

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-057 9 - 10 2-40-DP-57-09-S-0 6/5/2008	2-40-DP-058 0 - 1 2-40-DP-58-01-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 Reextract 6/10/2008	2-40-DP-058 9 - 10 2-40-DP-58-09-S-0 6/10/2008	2-40-DP-059 0 - 1 2-40-DP-59-01-S-0 6/18/2008	2-40-DP-059 4 - 5 2-40-DP-59-04-S-0 6/18/2008	2-40-DP-059 9 - 10 2-40-DP-59-09-S-0 6/18/2008	2-40-DP-060 0 - 1 2-40-DP-60-01-S-0 6/17/2008	2-40-DP-060 4 - 5 2-40-DP-60-04-S-0 6/17/2008	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 6/17/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33		33 U	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U
Aroclor 1254	EPA 8082	33	33		33 U	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U
Aroclor 1260	EPA 8082	33	33		33 U	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U
Aroclor 1262	EPA 8082	33	33		33 U	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U
Total PCB	EPA 8082	33	33		33 U	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		13400	15300	7440		17700	13000	8060	17500	9030	10200	16300
Arsenic	EPA 6010B	7.3	5		6 U	5 U	5 U		7 U	5	5 U	9	5 U	5 U	6 U
Barium	EPA 6010B	93300	0.3		42.5	85.9	22		63.1	50.3	29.8	76.5	28.5	34.9	62.3
Beryllium	EPA 6010B	222	0.1		0.2	0.2	0.1 U		0.2	0.1	0.1 U	0.3	0.1 U	0.1	0.2
Cadmium	EPA 6010B	1.21	0.2		2	0.2 U	0.2 U		0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U
Calcium	EPA 6010B		5		4630 J	3210	3720		5660	5250	3940	5060	4320	4530	5760
Chromium	EPA 6010B		0.5		634	28.1	10.1		20.1	17.7	12	20.6	11.5	12.7	18.2
Cobalt	EPA 6010B		0.3		4.4	6.6	4		7	6.9	4.4	7.8	4.9	4.9	6.5
Copper	EPA 6010B	36.4	0.2		20.7	10.8	8.4		24.8	17.3	9.1	30.8	9.8	11.7	20.2
Iron	EPA 6010B		5		14000	15200	11000		20500	17200	12900	22700	13500	13600	19000
Lead	EPA 6010B	1000	2		2	3	2 U		7	17	2 U	9	2	2	5
Magnesium	EPA 6010B		5		2800	5970	2280		4790	4660	2450	4910	2760	3000	4490
Manganese	EPA 6010B	1146	0.1		117	307	107		235	246	132	269	133	145	198
Mercury	EPA 7471A	0.07	0.05		0.05 U	0.04 U	0.04 U		0.09	0.04 U	0.04 U	0.15	0.04 U	0.05 U	0.07
Molybdenum	EPA 6010B	6670	0.5		2.1	0.5 U	0.5 U		0.7 U	0.5 U	0.5 U	0.7 U	0.5 U	0.5 U	0.6 U
Nickel	EPA 6010B	47.8	1		20	38	6		15	19	8	16	9	11	14
Silver	EPA 6010B	0.323	0.3		0.3 U	0.3 U	0.3 U		0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U
Thallium	EPA 7841	0.669	0.1		0.1	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1	0.1 U
Tin	EPA 6010B		1		1 UJ	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		50	38.1	37.1		55.7	52.3	39.7	55.9	40	40.5	49.6
Zinc	EPA 6010B	101	1		29	34	23		47	45	25	52	29	29	43
Cyanide	EPA 335.2	0.202	0.05		0.593	0.051 U	0.05 U		0.056 U				0.049 U	0.051 U	0.069 U
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		70.4	93.4	96.8		86				98.1	95.7	71.2
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5												
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10												

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 Reanalysis 6/17/2008	2-40-DP-061 0 - 1 2-40-DP-61-01-S-0 6/11/2008	2-40-DP-061 4 - 5 2-40-DP-61-04-S-0 6/11/2008	2-40-DP-061 9 - 10 2-40-DP-61-09-S-0 6/11/2008	2-40-DP-062 0 - 1 2-40-DP-62-01-S-0 6/17/2008	2-40-DP-062 4 - 5 2-40-DP-62-04-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 Reanalysis 6/17/2008	2-40-DP-063 0 - 1 2-40-DP-63-01-S-0 6/17/2008	2-40-DP-063 4 - 5 2-40-DP-63-04-S-0 6/17/2008	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 6/17/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.4 UJ	0.9 UJ	1.3 UJ	1.3 UJ	0.9 UJ	1.2 UJ	1.1 UJ	1.2 UJ	1 UJ	1.3 UJ	1.5 UJ
Methylene Chloride	EPA 8260B	828	2		2.9 U	1.8 U	2.6 U	2.6 U	1.8 U	2.5 U	2.2 U	2.5 U	2.1 U	2.6 U	3 U
Acetone	EPA 8260B	355000	5		73	140	200	54	29 U	47	46	54	23 U	18 U	70
Carbon Disulfide	EPA 8260B	3640	1		5.8 U	0.9 U	1.3 U	8.9	2 U	1.2 U	3.3 U	4.2 U	1 U	1.3 U	6.4 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
Chloroform	EPA 8260B	140	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
2-Butanone	EPA 8260B	802000	5		9.5	6.7	9.1	7.4	4.5 U	6.2 U	5.7	6.8	5.2 U	6.5 U	10
Trichloroethene	EPA 8260B	2	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
Benzene	EPA 8260B	25.3	1		1.7	0.9 U	1.3 U	1.4	0.9 U	1.2 U	1.4	1.7	1 U	1.3 U	5.9
Methyl isobutyl ketone	EPA 8260B	35500	5		7.2 U	4.6 U	6.5 U	6.5 U	4.5 U	6.2 U	5.6 U	6.2 U	5.2 U	6.5 U	7.4 U
Tetrachloroethene	EPA 8260B	8.72	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
Toluene	EPA 8260B	109000	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
Ethylbenzene	EPA 8260B	18100	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
Styrene	EPA 8260B	71	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
m,p-Xylene	EPA 8260B	2910000000	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
o-Xylene	EPA 8260B	143000	1		1.4 U	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U
1,4-Dichlorobenzene	EPA 8260B		1		1.4 UJ	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.4 UJ	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.4 UJ	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ
Isopropylbenzene	EPA 8260B	49800	1		1.4 UJ	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ
n-Propylbenzene	EPA 8260B	13600	1		1.4 UJ	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ
sec-Butylbenzene	EPA 8260B	7860	1		1.4 UJ	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ
4-Isopropyltoluene	EPA 8260B		1		1.4 UJ	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ
n-Butylbenzene	EPA 8260B	4640	1		1.4 UJ	0.9 U	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ
Naphthalene	EPA 8260B	39400	5		7.2 UJ	4.6 U	6.5 U	6.5 U	4.5 U	6.2 UJ	5.6 UJ	6.2 UJ	5.2 U	6.5 U	7.4 UJ
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67			64 U	64 U	65 U							
4-Methylphenol	EPA 8270D	13100	67			64 U	64 U	65 U							
Naphthalene	EPA 8270D	39400	67			64 U	64 U	65 U							
2-Methylnaphthalene	EPA 8270D		67			64 U	64 U	65 U							
Acenaphthylene	EPA 8270D		67			64 U	64 U	65 U							
Acenaphthene	EPA 8270D	32400	67			64 U	64 U	65 U							
Dibenzofuran	EPA 8270D		67			64 U	64 U	65 U							
Diethylphthalate	EPA 8270D	79300	67			64 U	64 U	65 U							
Fluorene	EPA 8270D	270000	67			64 U	64 U	65 U							
Phenanthrene	EPA 8270D		67			64 U	64 U	650							
Carbazole	EPA 8270D		67			64 U	64 U	65 U							
Anthracene	EPA 8270D	6080000	67			64 U	64 U	130							
Fluoranthene	EPA 8270D	44000	67			64 U	64 U	650							
Pyrene	EPA 8270D	1750000	67			64 U	64 U	430							
Benzo(a)anthracene	EPA 8270D	41.9	67			64 U	64 U	92							
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67			64 U	64 U	65 U							
Chrysene	EPA 8270D	46.6	67			64 U	64 U	130							
Benzo(b)fluoranthene	EPA 8270D	144	67			64 U	64 U	65 U							
Benzo(k)fluoranthene	EPA 8270D	144	67			64 U	64 U	94							
Benzo(a)pyrene	EPA 8270D	113	67			64 U	64 U	65 U							
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67			64 U	64 U	65 U							
Dibenz(a,h)anthracene	EPA 8270D	210	67			64 U	64 U	65 U							
Benzo(g,h,i)perylene	EPA 8270D		67			64 U	64 U	65 U							
1-Methylnaphthalene	EPA 8270D		67			64 U	64 U	65 U							
Naphthalene	EPA 8270DSIM	39400	5			4.9 U	5 UJ	5 U							
2-Methylnaphthalene	EPA 8270DSIM		5			4.9 U	5 UJ	5 U							
1-Methylnaphthalene	EPA 8270DSIM		5			4.9 U	5 UJ	5 U							
Acenaphthylene	EPA 8270DSIM		5			4.9 U	5 UJ	5 U							
Acenaphthene	EPA 8270DSIM	32400	5			4.9 U	5 UJ	5 U							
Fluorene	EPA 8270DSIM	270000	5			4.9 U	5 UJ	5 U							
Phenanthrene	EPA 8270DSIM		5			4.9 U	5 UJ	26							
Anthracene	EPA 8270DSIM	6080000	5			4.9 U	5 UJ	5 U							
Fluoranthene	EPA 8270DSIM	44000	5			4.9 U	5 UJ	18							
Pyrene	EPA 8270DSIM	1750000	5			4.9 U	5 UJ	12							
Benzo(a)anthracene	EPA 8270DSIM	41.9	5			4.9 U	5 UJ	5							
Chrysene	EPA 8270DSIM	46.6	5			4.9 U	5 UJ	8.5							
Benzo(b)fluoranthene	EPA 8270DSIM	144	5			4.9 U	5 UJ	5 U							
Benzo(k)fluoranthene	EPA 8270DSIM	144	5			4.9 U	5 UJ	5 U							
Benzo(a)pyrene	EPA 8270DSIM	113	5			4.9 U	5 UJ	5 U							
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5			4.9 U	5 UJ	5 U							
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5			4.9 U	5 UJ	5 U							
Benzo(g,h,i)perylene	EPA 8270DSIM		5			4.9 U	5 UJ	5 U							
Dibenzofuran	EPA 8270DSIM		5			4.9 U	5 UJ	5 U							

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 Reanalysis 6/17/2008	2-40-DP-061 0 - 1 2-40-DP-61-01-S-0 6/11/2008	2-40-DP-061 4 - 5 2-40-DP-61-04-S-0 6/11/2008	2-40-DP-061 9 - 10 2-40-DP-61-09-S-0 6/11/2008	2-40-DP-062 0 - 1 2-40-DP-62-01-S-0 6/17/2008	2-40-DP-062 4 - 5 2-40-DP-62-04-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 Reanalysis 6/17/2008	2-40-DP-063 0 - 1 2-40-DP-63-01-S-0 6/17/2008	2-40-DP-063 4 - 5 2-40-DP-63-04-S-0 6/17/2008	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 6/17/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33			33 U	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U
Aroclor 1254	EPA 8082	33	33			33 U	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U
Aroclor 1260	EPA 8082	33	33			33 U	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U
Aroclor 1262	EPA 8082	33	33			33 U	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U
Total PCB	EPA 8082	33	33			33 U	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5			9390	10300	15900	9410	10700	26000		8090	9720	20600
Arsenic	EPA 6010B	7.3	5			5 U	5 U	6 U	5 U	5 U	8		5 U	5 U	7 U
Barium	EPA 6010B	93300	0.3			32.2	37.3	58.1	25.4	41	108		23.3	30.9	76.8
Beryllium	EPA 6010B	222	0.1			0.1	0.1	0.2	0.1	0.1	0.4		0.1 U	0.1	0.3
Cadmium	EPA 6010B	1.21	0.2			0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U		0.2 U	0.2 U	0.3 U
Calcium	EPA 6010B		5			3700 J	4350	5000	4400	4400	6770		3830	4210	5790
Chromium	EPA 6010B		0.5			12.7	12.9	17.1	12.1	12.2	28.1		11.4	11.8	21.3
Cobalt	EPA 6010B		0.3			5.1	6.3	6.4	4.6	4.6	10.2		4.4	4.9	7
Copper	EPA 6010B	36.4	0.2			12.8	14.1	20.9	10	11.1	45.1		10.4	10.3	29.5
Iron	EPA 6010B		5			14600	13800	18500	13100	13300	30200		12600	12700	21500
Lead	EPA 6010B	1000	2			4	3	6	2	2	12		2	2 U	10
Magnesium	EPA 6010B		5			2860	2880	4330	2770	2960	7220		2600	2940	5470
Manganese	EPA 6010B	1146	0.1			147	156	222	125	127	348		119	126	222
Mercury	EPA 7471A	0.07	0.05			0.04 U	0.04 U	0.06 U	0.05 U	0.04 U	0.19		0.05 U	0.04 U	0.19
Molybdenum	EPA 6010B	6670	0.5			0.5 U	0.6	0.6 U	0.5 U	0.5 U	0.8 U		0.5 U	0.5 U	0.7 U
Nickel	EPA 6010B	47.8	1			9	10	14	9	9	22		9	9	17
Silver	EPA 6010B	0.323	0.3			0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.5 U		0.3 U	0.3 U	0.4 U
Thallium	EPA 7841	0.669	0.1			0.1 U	0.2	0.1 U	0.1	0.2	0.3		0.1	0.1	0.3
Tin	EPA 6010B		1			1 U	1 U	1 U	1 U	1 U	2 U		1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3			45.7	44.4	50.8	39.4	38.6	76.7		39.5	37.1	51.3
Zinc	EPA 6010B	101	1			30	29	42	28	28	70		27	28	55
Cyanide	EPA 335.2	0.202	0.05			0.051 U	0.051 U	0.058 U	0.071	0.048 U	0.091		0.05 U	0.05 U	0.063 U
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01			93.9	92.2	82	97.4	96.6	65.9		97.5	96.2	72.4
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5												
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10												

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 Reanalysis 6/17/2008	2-40-DP-064 0 - 1 2-40-DP-64-01-S-0 6/5/2008	2-40-DP-064 4 - 5 2-40-DP-64-04-S-0 6/5/2008	2-40-DP-064 9 - 10 2-40-DP-64-09-S-0 6/5/2008	2-40-DP-065 0 - 1 2-40-DP-65-01-S-0 6/9/2008	2-40-DP-065 4 - 5 2-40-DP-65-04-S-0 6/9/2008	2-40-DP-065 9 - 10 2-40-DP-65-09-S-0 6/9/2008	2-40-DP-066 0 - 1 2-40-DP-66-01-S-0 6/13/2008	2-40-DP-066 4 - 5 2-40-DP-66-04-S-0 6/13/2008	2-40-DP-066 9 - 10 2-40-DP-66-09-S-0 6/13/2008	2-40-DP-067 0 - 1 2-40-DP-67-01-S-0 6/19/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.4 UJ	1 UJ	1.3 UJ	1.5 UJ	1 UJ	1.2 UJ	1.4 UJ	0.9 UJ	1 UJ	1.1 UJ	1 U
Methylene Chloride	EPA 8260B	828	2		2.9 U	2.1 U	2.7 U	3 U	2.1 U	2.4 U	2.8 U	1.7 U	2 U	2.2 U	2.1 U
Acetone	EPA 8260B	355000	5		66	52	73	62	26	10	93	25	9.5 U	30	82
Carbon Disulfide	EPA 8260B	3640	1		8.4 U	1 U	3	10	1 U	1.2 U	7	0.9 U	1 U	1.1 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
Chloroform	EPA 8260B	140	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
2-Butanone	EPA 8260B	802000	5		12	6	8.9	9.2	5.2 U	6 U	18	4.3 U	5.1 U	5.4 U	8.5
Trichloroethene	EPA 8260B	2	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
Benzene	EPA 8260B	25.3	1		5.9	1 U	1.6	2.5	1 U	1.2 U	1.8	0.9 U	1 U	1.5	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5		7.2 U	5.2 U	6.7 U	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U
Tetrachloroethene	EPA 8260B	8.72	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
Toluene	EPA 8260B	109000	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
Ethylbenzene	EPA 8260B	18100	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
Styrene	EPA 8260B	71	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
o-Xylene	EPA 8260B	143000	1		1.4 U	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1		1.4 UJ	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.4 UJ	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.4 UJ	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
Isopropylbenzene	EPA 8260B	49800	1		1.4 UJ	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
n-Propylbenzene	EPA 8260B	13600	1		1.4 UJ	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1		1.4 UJ	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
4-Isopropyltoluene	EPA 8260B		1		1.4 UJ	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
n-Butylbenzene	EPA 8260B	4640	1		1.4 UJ	1 U	1.3 U	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U
Naphthalene	EPA 8260B	39400	5		7.2 UJ	5.2 U	6.7 U	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67												
4-Methylphenol	EPA 8270D	13100	67												
Naphthalene	EPA 8270D	39400	67												
2-Methylnaphthalene	EPA 8270D		67												
Acenaphthylene	EPA 8270D		67												
Acenaphthene	EPA 8270D	32400	67												
Dibenzofuran	EPA 8270D		67												
Diethylphthalate	EPA 8270D	79300	67												
Fluorene	EPA 8270D	270000	67												
Phenanthrene	EPA 8270D		67												
Carbazole	EPA 8270D		67												
Anthracene	EPA 8270D	6080000	67												
Fluoranthene	EPA 8270D	44000	67												
Pyrene	EPA 8270D	1750000	67												
Benzo(a)anthracene	EPA 8270D	41.9	67												
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67												
Chrysene	EPA 8270D	46.6	67												
Benzo(b)fluoranthene	EPA 8270D	144	67												
Benzo(k)fluoranthene	EPA 8270D	144	67												
Benzo(a)pyrene	EPA 8270D	113	67												
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67												
Dibenz(a,h)anthracene	EPA 8270D	210	67												
Benzo(g,h,i)perylene	EPA 8270D		67												
1-Methylnaphthalene	EPA 8270D		67												
Naphthalene	EPA 8270DSIM	39400	5												
2-Methylnaphthalene	EPA 8270DSIM		5												
1-Methylnaphthalene	EPA 8270DSIM		5												
Acenaphthylene	EPA 8270DSIM		5												
Acenaphthene	EPA 8270DSIM	32400	5												
Fluorene	EPA 8270DSIM	270000	5												
Phenanthrene	EPA 8270DSIM		5												
Anthracene	EPA 8270DSIM	6080000	5												
Fluoranthene	EPA 8270DSIM	44000	5												
Pyrene	EPA 8270DSIM	1750000	5												
Benzo(a)anthracene	EPA 8270DSIM	41.9	5												
Chrysene	EPA 8270DSIM	46.6	5												
Benzo(b)fluoranthene	EPA 8270DSIM	144	5												
Benzo(k)fluoranthene	EPA 8270DSIM	144	5												
Benzo(a)pyrene	EPA 8270DSIM	113	5												
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5												
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5												
Benzo(g,h,i)perylene	EPA 8270DSIM		5												
Dibenzofuran	EPA 8270DSIM		5												

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 Reanalysis 6/17/2008	2-40-DP-064 0 - 1 2-40-DP-64-01-S-0 6/5/2008	2-40-DP-064 4 - 5 2-40-DP-64-04-S-0 6/5/2008	2-40-DP-064 9 - 10 2-40-DP-64-09-S-0 6/5/2008	2-40-DP-065 0 - 1 2-40-DP-65-01-S-0 6/9/2008	2-40-DP-065 4 - 5 2-40-DP-65-04-S-0 6/9/2008	2-40-DP-065 9 - 10 2-40-DP-65-09-S-0 6/9/2008	2-40-DP-066 0 - 1 2-40-DP-66-01-S-0 6/13/2008	2-40-DP-066 4 - 5 2-40-DP-66-04-S-0 6/13/2008	2-40-DP-066 9 - 10 2-40-DP-66-09-S-0 6/13/2008	2-40-DP-067 0 - 1 2-40-DP-67-01-S-0 6/19/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33												32 U
Aroclor 1254	EPA 8082	33	33												32 U
Aroclor 1260	EPA 8082	33	33												32 U
Aroclor 1262	EPA 8082	33	33												32 U
Total PCB	EPA 8082	33	33												32 U
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5			10100	17000	13200	15200	9070	14600	12900	8210	20800	10700
Arsenic	EPA 6010B	7.3	5			5 U	7	6 U	5 U	5 U	6 U	6 U	5 U	8	5 U
Barium	EPA 6010B	93300	0.3			37	67	46.1	67 J	29.9 J	46.5 J	50.2	22.2	82.1	41.3
Beryllium	EPA 6010B	222	0.1			0.1	0.3	0.2	0.1	0.1 U	0.1	0.2	0.1 U	0.2	0.2
Cadmium	EPA 6010B	1.21	0.2			0.2 U	0.3 U	0.3 U	3.6 J	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.3 U	0.2 U
Calcium	EPA 6010B		5			4360	5590	4640	5050	4460	5420	5440	3770	5760	4560
Chromium	EPA 6010B		0.5			12.1	19.5	15	16.4	12.2	14.7	16.4	13.3	21.5	14.9
Cobalt	EPA 6010B		0.3			5.5	5.8	5.3	8.6	4.3	4.6	11	4.5	6.5	5.4
Copper	EPA 6010B	36.4	0.2			13	27.3	20.3	244	9.9	19.6	19.5	10.3	31.8	16.1
Iron	EPA 6010B		5			13600	18500	15100	14200	12500	13500	16600	13200	19900	15800
Lead	EPA 6010B	1000	2			4	5	7	27	2 U	6	6	2	12	6
Magnesium	EPA 6010B		5			2890	4410	3460	2910	2480	3110	3410	2420	4750	3370
Manganese	EPA 6010B	1146	0.1			135	167	142	198	119	113	168	120	198	164
Mercury	EPA 7471A	0.07	0.05			0.05 U	0.08	0.06 U	0.04 UJ	0.04 UJ	0.05 J	0.04 U	0.05 U	0.08	0.05
Molybdenum	EPA 6010B	6670	0.5			0.5 U	0.6	0.7	0.6	0.5 U	0.6 U	0.6	0.5 U	0.7 U	0.5 U
Nickel	EPA 6010B	47.8	1			10	13	11	11	8	10	11	8	15	12
Silver	EPA 6010B	0.323	0.3			0.3 U	0.4 U	0.4 U	0.5	0.3 U	0.4 U	0.4	0.3 U	0.4 U	0.3 U
Thallium	EPA 7841	0.669	0.1			0.1 U	0.1 U	0.1 U	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3			41.3	56.1	45.3	43.1	39.9	44.6	52.2	43.2	55.5	44.5
Zinc	EPA 6010B	101	1			39	40	34	108	27	33	37	25	63	33
Cyanide	EPA 335.2	0.202	0.05			0.054 U	0.091	0.065 U	0.051 U	0.052 U	0.064 U	0.069 J	0.05 UJ	0.126 J	0.085
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01			92.3	71.9	76.2	97	95.3	77.6	86	96.9	71.4	91.8
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5												
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10												

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-067 4 - 5 2-40-DP-67-04-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 Reanalysis 6/19/2008	2-40-DP-068 0 - 1 2-40-DP-68-01-S-0 6/19/2008	2-40-DP-068 4 - 5 2-40-DP-68-04-S-0 6/19/2008	2-40-DP-068 9 - 10 2-40-DP-68-09-S-0 6/19/2008	2-40-DP-069 0 - 1 2-40-DP-69-01-S-0 5/28/2008	2-40-DP-069 4 - 5 2-40-DP-69-04-S-0 5/28/2008	2-40-DP-069 9 - 10 2-40-DP-69-09-S-0 5/28/2008	2-40-DP-070 0 - 1 2-40-DP-70-01-S-0 5/27/2008	2-40-DP-070 4 - 5 2-40-DP-70-04-S-0 5/27/2008
VOCs (µg/kg)															
Vinyl Chloride	EPA 8260B	4.59	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 UJ	1.1 UJ	1.7 UJ	1.6 UJ	1.4 UJ
Methylene Chloride	EPA 8260B	828	2		2.4 U	3.4 U	3.4 U	2 U	2.3 U	2.7 U	2.2 U	2.2 U	3.4 U	3.1 U	2.9 U
Acetone	EPA 8260B	355000	5		40	190	130	71	54	70	17	21	52	91	20
Carbon Disulfide	EPA 8260B	3640	1		1.2 U	1.7 U	1.7 U	2	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	5.8	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
Chloroform	EPA 8260B	140	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
2-Butanone	EPA 8260B	802000	5		6 U	30	21	8.4	5.8 U	9.1	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U
Trichloroethene	EPA 8260B	2	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	3.7	1.4 U
Benzene	EPA 8260B	25.3	1		1.2 U	8.1	6	1 U	1.2 U	2.3	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
Methyl isobutyl ketone	EPA 8260B	35500	5		6 U	8.6 U	8.6 U	5 U	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U
Tetrachloroethene	EPA 8260B	8.72	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
Toluene	EPA 8260B	109000	1		1.2 U	2.6	2	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
Ethylbenzene	EPA 8260B	18100	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
Styrene	EPA 8260B	71	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
m,p-Xylene	EPA 8260B	2910000000	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
o-Xylene	EPA 8260B	143000	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
1,4-Dichlorobenzene	EPA 8260B		1		1.2 U	1.7 UJ	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		1.2 U	1.7 UJ	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		1.2 U	1.7 UJ	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
Isopropylbenzene	EPA 8260B	49800	1		1.2 U	1.7 U	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
n-Propylbenzene	EPA 8260B	13600	1		1.2 U	1.7 UJ	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
sec-Butylbenzene	EPA 8260B	7860	1		1.2 U	1.7 UJ	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
4-Isopropyltoluene	EPA 8260B		1		1.2 U	1.7 UJ	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
n-Butylbenzene	EPA 8260B	4640	1		1.2 U	1.7 UJ	1.7 U	1 U	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U
Naphthalene	EPA 8260B	39400	5		6 U	8.6 UJ	8.6 U	5 UJ	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U
SVOCs (µg/kg)															
1,4-Dichlorobenzene	EPA 8270D		67					58 U	60 U	65 U					
4-Methylphenol	EPA 8270D	13100	67					58 U	60 U	65 U					
Naphthalene	EPA 8270D	39400	67					58 U	60 U	65 U					
2-Methylnaphthalene	EPA 8270D		67					58 U	60 U	65 U					
Acenaphthylene	EPA 8270D		67					58 U	60 U	65 U					
Acenaphthene	EPA 8270D	32400	67					58 U	60 U	65 U					
Dibenzofuran	EPA 8270D		67					58 U	60 U	65 U					
Diethylphthalate	EPA 8270D	79300	67					58 U	60 U	65 U					
Fluorene	EPA 8270D	270000	67					58 U	60 U	65 U					
Phenanthrene	EPA 8270D		67					58 U	60 U	65 U					
Carbazole	EPA 8270D		67					58 U	60 U	65 U					
Anthracene	EPA 8270D	6080000	67					58 U	60 U	65 U					
Fluoranthene	EPA 8270D	44000	67					58 U	60 U	65 U					
Pyrene	EPA 8270D	1750000	67					58 U	60 U	65 U					
Benzo(a)anthracene	EPA 8270D	41.9	67					58 U	60 U	65 U					
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67					58 U	60 U	65 U					
Chrysene	EPA 8270D	46.6	67					58 U	60 U	65 U					
Benzo(b)fluoranthene	EPA 8270D	144	67					58 U	60 U	65 U					
Benzo(k)fluoranthene	EPA 8270D	144	67					58 U	60 U	65 U					
Benzo(a)pyrene	EPA 8270D	113	67					58 U	60 U	65 U					
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67					58 U	60 U	65 U					
Dibenz(a,h)anthracene	EPA 8270D	210	67					58 U	60 U	65 U					
Benzo(g,h,i)perylene	EPA 8270D		67					58 U	60 U	65 U					
1-Methylnaphthalene	EPA 8270D		67					58 U	60 U	65 U					
Naphthalene	EPA 8270DSIM	39400	5					4.8 U	4.8 U	4.8 U					
2-Methylnaphthalene	EPA 8270DSIM		5					4.8 U	4.8 U	4.8 U					
1-Methylnaphthalene	EPA 8270DSIM		5					4.8 U	4.8 U	4.8 U					
Acenaphthylene	EPA 8270DSIM		5					4.8 U	4.8 U	4.8 U					
Acenaphthene	EPA 8270DSIM	32400	5					4.8 U	4.8 U	5.3					
Fluorene	EPA 8270DSIM	270000	5					4.8 U	4.8 U	7.3					
Phenanthrene	EPA 8270DSIM		5					4.8 U	4.8 U	24					
Anthracene	EPA 8270DSIM	6080000	5					4.8 U	4.8 U	4.8 U					
Fluoranthene	EPA 8270DSIM	44000	5					4.8 U	4.8 U	29					
Pyrene	EPA 8270DSIM	1750000	5					4.8 U	4.8 U	22					
Benzo(a)anthracene	EPA 8270DSIM	41.9	5					4.8 U	4.8 U	6.3					
Chrysene	EPA 8270DSIM	46.6	5					4.8 U	4.8 U	7.8					
Benzo(b)fluoranthene	EPA 8270DSIM	144	5					4.8 U	4.8 U	5.8					
Benzo(k)fluoranthene	EPA 8270DSIM	144	5					4.8 U	4.8 U	4.8 U					
Benzo(a)pyrene	EPA 8270DSIM	113	5					4.8 U	4.8 U	4.8 U					
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5					4.8 U	4.8 U	4.8 U					
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5					4.8 U	4.8 U	4.8 U					
Benzo(g,h,i)perylene	EPA 8270DSIM		5					4.8 U	4.8 U	4.8 U					
Dibenzofuran	EPA 8270DSIM		5					4.8 U	4.8 U	4.8 U					

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-067 4 - 5 2-40-DP-67-04-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 Reanalysis 6/19/2008	2-40-DP-068 0 - 1 2-40-DP-68-01-S-0 6/19/2008	2-40-DP-068 4 - 5 2-40-DP-68-04-S-0 6/19/2008	2-40-DP-068 9 - 10 2-40-DP-68-09-S-0 6/19/2008	2-40-DP-069 0 - 1 2-40-DP-69-01-S-0 5/28/2008	2-40-DP-069 4 - 5 2-40-DP-69-04-S-0 5/28/2008	2-40-DP-069 9 - 10 2-40-DP-69-09-S-0 5/28/2008	2-40-DP-070 0 - 1 2-40-DP-70-01-S-0 5/27/2008	2-40-DP-070 4 - 5 2-40-DP-70-04-S-0 5/27/2008
PCBs (µg/kg)															
Aroclor 1248	EPA 8082	33	33		32 U	33 U		33 U	32 U	33 U					
Aroclor 1254	EPA 8082	33	33		32 U	33 U		33 U	32 U	33 U					
Aroclor 1260	EPA 8082	33	33		32 U	33 U		33 U	32 U	33 U					
Aroclor 1262	EPA 8082	33	33		32 U	33 U		33 U	32 U	33 U					
Total PCB	EPA 8082	33	33		32 U	33 U		33 U	32 U	33 U					
Inorganics (mg/kg)															
Aluminum	EPA 6010B		5		8220	21600		9310	8210	16300	9550	12000	22200	12100	10500
Arsenic	EPA 6010B	7.3	5		5 U	11		5 U	5 U	6 U	5 U	5 U	7 U	5 U	5 U
Barium	EPA 6010B	93300	0.3		28.8	83.1		30.5	28.3	53.4	29.1	40.9	59.7	46.2	36
Beryllium	EPA 6010B	222	0.1		0.1	0.3		0.1	0.1 U	0.2	0.1 U	0.1	0.3	0.1	0.1
Cadmium	EPA 6010B	1.21	0.2		0.2 U	0.3		0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U
Calcium	EPA 6010B		5		3280	5470		4540	3740	6210	4410	4700	5100	7230	4480
Chromium	EPA 6010B		0.5		10.4	25.3		14.6	12.5	18.2	12	23.3	24.5	19.3	14.9
Cobalt	EPA 6010B		0.3		4.4	8.3		4.7	4.4	6.2	4.6	5.1	6.5	8.4 J	5 J
Copper	EPA 6010B	36.4	0.2		10.1	39.4		11.9	9.4	19.4	11.3	15.2	24.8	18.8	15
Iron	EPA 6010B		5		12600	25600		13200	12900	18900	13200	15200	16400	15300	14000
Lead	EPA 6010B	1000	2		2	15		5	2 U	5	4	5	5	8 J	3 J
Magnesium	EPA 6010B		5		2460	5920		2760	2480	4280	2810	3070	4820	4540	2830
Manganese	EPA 6010B	1146	0.1		129	284		152	124	195	129	147	144	181	145
Mercury	EPA 7471A	0.07	0.05		0.04 U	0.25		0.04 U	0.04 U	0.1	0.05 U	0.05 U	0.08	0.04 U	0.05 U
Molybdenum	EPA 6010B	6670	0.5		0.5 U	0.7 U		0.7	0.5 U	0.6 U	0.5 U	3.6	0.8	0.9	1.1
Nickel	EPA 6010B	47.8	1		8	19		11	8	14	11	10	15	22	12
Silver	EPA 6010B	0.323	0.3		0.3 U	0.4 U		0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.3 UJ	0.3 UJ
Thallium	EPA 7841	0.669	0.1		0.1 U	0.2		0.2	0.09 U	0.1 U	0.1	0.1 U	0.2	0.1 U	0.1 U
Tin	EPA 6010B		1		1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3		35	66		40.9	42.3	50.6	40.1	46	50.3	43.7	42.1
Zinc	EPA 6010B	101	1		24	63		30	25	41	35	36	44	56 J	31 J
Cyanide	EPA 335.2	0.202	0.05		0.051 U	0.376					0.052 U	0.052 U	0.072 U	0.051 U	0.051 U
Chromium(VI)	SM3500CrD	19.2	0.4												
Total Solids (%)	EPA 160.3		0.01		94.1	62.3					90.1	89.4	66.1	93.7	92.6
Total Organic Carbon (%)	Plumb 1981		0.02												
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	30	5												
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10												

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-070 9 - 10 2-40-DP-70-09-S-0 5/27/2008
VOCs (µg/kg)					
Vinyl Chloride	EPA 8260B	4.59	1		2.8 UJ
Methylene Chloride	EPA 8260B	828	2		7.1 U
Acetone	EPA 8260B	355000	5		210
Carbon Disulfide	EPA 8260B	3640	1		2.8 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1		2.8 U
cis-1,2-Dichloroethene	EPA 8260B	794	1		2.8 U
Chloroform	EPA 8260B	140	1		2.8 U
2-Butanone	EPA 8260B	802000	5		14 U
Trichloroethene	EPA 8260B	2	1		2.8 U
Benzene	EPA 8260B	25.3	1		2.8 U
Methyl isobutyl ketone	EPA 8260B	35500	5		14 U
Tetrachloroethene	EPA 8260B	8.72	1		2.8 U
Toluene	EPA 8260B	109000	1		2.8 U
Ethylbenzene	EPA 8260B	18100	1		2.8 U
Styrene	EPA 8260B	71	1		2.8 U
m,p-Xylene	EPA 8260B	2910000000	1		2.8 U
o-Xylene	EPA 8260B	143000	1		2.8 U
1,4-Dichlorobenzene	EPA 8260B		1		2.8 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1		2.8 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1		2.8 U
Isopropylbenzene	EPA 8260B	49800	1		2.8 U
n-Propylbenzene	EPA 8260B	13600	1		2.8 U
sec-Butylbenzene	EPA 8260B	7860	1		2.8 U
4-Isopropyltoluene	EPA 8260B		1		2.8 U
n-Butylbenzene	EPA 8260B	4640	1		2.8 U
Naphthalene	EPA 8260B	39400	5		14 U
SVOCs (µg/kg)					
1,4-Dichlorobenzene	EPA 8270D		67		
4-Methylphenol	EPA 8270D	13100	67		
Naphthalene	EPA 8270D	39400	67		
2-Methylnaphthalene	EPA 8270D		67		
Acenaphthylene	EPA 8270D		67		
Acenaphthene	EPA 8270D	32400	67		
Dibenzofuran	EPA 8270D		67		
Diethylphthalate	EPA 8270D	79300	67		
Fluorene	EPA 8270D	270000	67		
Phenanthrene	EPA 8270D		67		
Carbazole	EPA 8270D		67		
Anthracene	EPA 8270D	6080000	67		
Fluoranthene	EPA 8270D	44000	67		
Pyrene	EPA 8270D	1750000	67		
Benzo(a)anthracene	EPA 8270D	41.9	67		
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		
Chrysene	EPA 8270D	46.6	67		
Benzo(b)fluoranthene	EPA 8270D	144	67		
Benzo(k)fluoranthene	EPA 8270D	144	67		
Benzo(a)pyrene	EPA 8270D	113	67		
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		
Dibenz(a,h)anthracene	EPA 8270D	210	67		
Benzo(g,h,i)perylene	EPA 8270D		67		
1-Methylnaphthalene	EPA 8270D		67		
Naphthalene	EPA 8270DSIM	39400	5		
2-Methylnaphthalene	EPA 8270DSIM		5		
1-Methylnaphthalene	EPA 8270DSIM		5		
Acenaphthylene	EPA 8270DSIM		5		
Acenaphthene	EPA 8270DSIM	32400	5		
Fluorene	EPA 8270DSIM	270000	5		
Phenanthrene	EPA 8270DSIM		5		
Anthracene	EPA 8270DSIM	6080000	5		
Fluoranthene	EPA 8270DSIM	44000	5		
Pyrene	EPA 8270DSIM	1750000	5		
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		
Chrysene	EPA 8270DSIM	46.6	5		
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		
Benzo(a)pyrene	EPA 8270DSIM	113	5		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		
Benzo(g,h,i)perylene	EPA 8270DSIM		5		
Dibenzofuran	EPA 8270DSIM		5		

Table 5-1b:
2-40s Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	Location: Depth (ft bgs): Sample ID: Date:	2-40-DP-070 9 - 10 2-40-DP-70-09-S-0 5/27/2008
PCBs (µg/kg)					
Aroclor 1248	EPA 8082	33	33		
Aroclor 1254	EPA 8082	33	33		
Aroclor 1260	EPA 8082	33	33		
Aroclor 1262	EPA 8082	33	33		
Total PCB	EPA 8082	33	33		
Inorganics (mg/kg)					
Aluminum	EPA 6010B		5		7090
Arsenic	EPA 6010B	7.3	5		5 U
Barium	EPA 6010B	93300	0.3		19.3
Beryllium	EPA 6010B	222	0.1		0.1 U
Cadmium	EPA 6010B	1.21	0.2		0.2 U
Calcium	EPA 6010B		5		3700
Chromium	EPA 6010B		0.5		10.1
Cobalt	EPA 6010B		0.3		2.9 J
Copper	EPA 6010B	36.4	0.2		6.7
Iron	EPA 6010B		5		9320
Lead	EPA 6010B	1000	2		2 UJ
Magnesium	EPA 6010B		5		1830
Manganese	EPA 6010B	1146	0.1		84.3
Mercury	EPA 7471A	0.07	0.05		0.05 U
Molybdenum	EPA 6010B	6670	0.5		1.4
Nickel	EPA 6010B	47.8	1		6
Silver	EPA 6010B	0.323	0.3		0.3 UJ
Thallium	EPA 7841	0.669	0.1		0.1 U
Tin	EPA 6010B		1		1 U
Vanadium	EPA 6010B	9330	0.3		34.7
Zinc	EPA 6010B	101	1		21 J
Cyanide	EPA 335.2	0.202	0.05		0.053 U
Chromium(VI)	SM3500CrD	19.2	0.4		
Total Solids (%)	EPA 160.3		0.01		91.1
Total Organic Carbon (%)	Plumb 1981		0.02		
Petroleum Hydrocarbons (mg/kg)					
TPH - Gasoline Range	NWTPH-Gx	30	5		
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		

Table 5-1b:
2-40s Area Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Location: Depth (ft bgs): Sample ID: Date:	Laboratory RL	2-40-DP-071 0 - 1 2-40-DP-71-01-S-0 6/23/2008	2-40-DP-071 0 - 1 2-40-DP-71-01-S-0 Dilution 6/23/2008	2-40-DP-071 4 - 5 2-40-DP-71-04-S-0 6/23/2008	2-40-DP-071 4 - 5 2-40-DP-71-04-S-0 Reanalysis 6/23/2008	2-40-DP-071 9 - 10 2-40-DP-71-09-S-0 6/23/2008	2-40-DP-072 0 - 1 2-40-DP-72-01-S-0 6/24/2008	2-40-DP-072 4 - 5 2-40-DP-72-04-S-0 6/24/2008	2-40-DP-072 9 - 10 2-40-DP-72-09-S-0 6/24/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 6/25/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 Reanalysis 6/25/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 Reextract 6/25/2008	2-40-DP-073 4 - 5 2-40-DP-73-04-S-0 Dilution 6/25/2008	2-40-DP-073 4 - 5 2-40-DP-73-04-S-0 6/25/2008	2-40-DP-073 9 - 10 2-40-DP-73-09-S-0 6/25/2008	2-40-DP-074 0 - 1 2-40-DP-74-01-S-0 7/2/2008	2-40-DP-074 0 - 1 2-40-DP-74-01-S-0 Reextract 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 Dilution 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 7/2/2008
VOCs (µg/kg)																						
Vinyl Chloride	EPA 8260B	4.59		1	1.2 UJ		1.8 UJ	2.1 U	1.1 UJ	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U		1.2 U	1.1 U	1 U			0.9 U
Methylene Chloride	EPA 8260B	828		2	2.4 U		3.6 U	4.3 U	2.1 U	2.4 U	4.1 U	2.5 U	4.2 U	3.4 U	130 U		2.3 U	2.3 U	5.5 U			2.8 U
Acetone	EPA 8260B	355000		5	27 U		30 U	88 J	53	22	19	20	34	42	330 U		54	19	5.1 U			9.4 U
Carbon Disulfide	EPA 8260B	3640		1	1.2 U		1.8 U	2.1 U	1.3	1.1	1.2 U	1.2 U	4.1	1.2 U	65 U		1.2 U	3.5	1 U			0.9 U
trans-1,2-Dichloroethene	EPA 8260B	8930		1	1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U		1.2 U	1.1 U	1 U			0.9 U
cis-1,2-Dichloroethene	EPA 8260B	794		1	1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U		1.2 U	1.1 U	1 U			0.9 U
Chloroform	EPA 8260B	140		1	1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U		1.2 U	1.1 U	1 U			0.9 U
2-Butanone	EPA 8260B	802000		5	5.9 U		9.1 U	11 U	7.4	4.8 U	6.2 U	6.3 U	5.9 U	6.3 U	330 U		6.5	5.7 U	5.1 U			4.7 U
Trichloroethene	EPA 8260B	2		1	1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U		1.2 U	1.1 U	1 U			0.9 U
Benzene	EPA 8260B	25.3		1	1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	23	24	200		1.5	1.1 U	1 U			0.9 U
Methyl isobutyl ketone	EPA 8260B	35500		5	5.9 U		9.1 U	11 U	5.4 U	4.8 U	6.2 U	6.3 U	5.9 U	6.3 U	330 U		5.8 U	5.7 U	5.1 U			4.7 U
Tetrachloroethene	EPA 8260B	8.72		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U		1.2 U	1.1 U	1 U			0.9 U
Toluene	EPA 8260B	109000		1	1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	7	11	300		1.3	1.1 U	1 U			0.9 U
Ethylbenzene	EPA 8260B	18100		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	3.2	65 U		1.2 U	1.1 U	1 U			0.9 U
Styrene	EPA 8260B	71		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	2.4	65 U		1.2 U	1.1 U	1 U			0.9 U
m,p-Xylene	EPA 8260B	2910000000		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	4.1	14	200		1.2 U	1.1 U	1 U			0.9 U
o-Xylene	EPA 8260B	143000		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	2.2	10	85		1.2 U	1.1 U	1 U			0.9 U
1,4-Dichlorobenzene	EPA 8260B			1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	65 U			1.2 U	1.1 U	1 U			0.9 U
1,3,5-Trimethylbenzene	EPA 8260B	4210		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	2.7 J	18 J	100		1.2 U	1.1 U	1 U			0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	4030		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	4.8 J	39 J	240		1.2 U	1.1 U	1 U			0.9 U
Isopropylbenzene	EPA 8260B	49800		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.4 J	65 U		1.2 U	1.1 U	1 U			0.9 U
n-Propylbenzene	EPA 8260B	13600		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	2 J	65 U		1.2 U	1.1 U	1 U			0.9 U
sec-Butylbenzene	EPA 8260B	7860		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U		1.2 U	1.1 U	1 U			0.9 U
4-Isopropyltoluene	EPA 8260B			1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.3 J	65 U		1.2 U	1.1 U	1 U			0.9 U
n-Butylbenzene	EPA 8260B	4640		1	1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.9 J	65 U		1.2 U	1.1 U	1 U			0.9 U
Naphthalene	EPA 8260B	39400		5	5.9 U		9.1 UJ	11 UJ	5.4 U	4.8 U	6.2 U	6.3 U	44 J	600 J	13000		5.8 U	5.7 U	5.1 U			4.7 U
SVOCs (µg/kg)																						
1,4-Dichlorobenzene	EPA 8270D			67	190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U			620 U	190 U	64 U	65 U	64 UJ		65 U
4-Methylphenol	EPA 8270D	13100		67	190 U	1300 U	65 U		66 U	62 U	63 U	63 U	89			620 U	190 U	64 U	65 U	64 UJ		65 U
Naphthalene	EPA 8270D	39400		67	2000	2300	160		66 U	62 U	63 U	63 U	140			5900	5800	64 U	92	64 UJ		65 U
2-Methylnaphthalene	EPA 8270D			67	1400	1700	170		66 U	62 U	63 U	63 U	140			1900	2000	64 U	65 U	64 UJ		65 U
Acenaphthylene	EPA 8270D			67	8600	10000	75		66 U	62 U	63 U	63 U	65 U			2200	2900	64 U	65 U	64 UJ		65 U
Acenaphthene	EPA 8270D	32400		67	380	1300 U	65 U		66 U	62 U	63 U	63 U	65 U			840	850	64 U	65 U	64 UJ		65 U
Dibenzofuran	EPA 8270D			67	600	1300 U	65 U		66 U	62 U	63 U	63 U	70			2000	2100	64 U	65 U	64 UJ		65 U
Diethylphthalate	EPA 8270D	79300		67	190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U			620 U	190 U	120	65 U	64 UJ		65 U
Fluorene	EPA 8270D	270000		67	3900	4400	65 U		66 U	62 U	63 U	63 U	65 U			3400	3700	64 U	65 U	64 UJ		65 U
Phenanthrene	EPA 8270D			67	21000 E	36000	180		66 U	62 U	200	63 U	180			28000	23000 E	64 U	220	100 J		150
Carbazole	EPA 8270D			67	760	1300 U	65 U		66 U	62 U	63 U	63 U	65 U			2300	2400	64 U	65 U	64 UJ		65 U
Anthracene	EPA 8270D	6080000		67	8700	12000	65 U		66 U	62 U	63 U	63 U	65 U			6100	6200	64 U	65 U	64 UJ		65 U
Fluoranthene	EPA 8270D	44000		67	31000 E	50000	250		66 U	62 U	240	63 U	210			24000	23000 E	64 U	300	160 J		280
Pyrene	EPA 8270D	1750000		67	42000 E	62000	240		66 U	62 U	250	63 U	250			24000	19000 E	64 U	310	120 J		310
Benzo(a)anthracene	EPA 8270D	41.9		67	26000 E	35000	160		66 U	62 U	120	63 U	120			8400	8700	64 U	140	65 J		140
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570		67	190 U	1300 U	65 U		66 U	62 U	63 U	72	65 U			620 U	190 U	64 U	65 U	64 UJ		65 U
Chrysene	EPA 8270D	46.6		67	27000 E	37000	180		66 U	62 U	130	63 U	140			8600	8800	64 U	140	67 J		210
Benzo(b)fluoranthene	EPA 8270D	144		67	30000 E	30000	160		66 U	62 U	110	63 U	110			7000	8100	64 U	120	64 UJ		160
Benzo(k)fluoranthene	EPA 8270D	144		67	14000	27000	140		66 U	62 U	130	63 U	110			5500	6800	64 U	140	64 UJ		290
Benzo(a)pyrene	EPA 8270D	113		67	31000 E	44000	150		66 U	62 U	150	63 U	150			9600	10000	64 U	180	82 J		230
Indeno(1,2,3-cd)pyrene	EPA 8270D	406		67	9100	17000	77		66 U	62 U	73 U	63 U	65 U			4800 U	4400 U	64 U	68	64 UJ		100
Dibenz(a,h)anthracene	EPA 8270D	210		67	3400	3000	65 U		66 U	62 U	63 U	63 U	65 U			1000 U	800 U	64 U	65 U	64 UJ		65 U
Benzo(g,h,i)perylene	EPA 8270D			67	8600	17000	65 U		66 U	62 U	86 U	63 U	87 U			6400 U	5700 U	64 U	76	64 UJ		150
1-Methylnaphthalene	EPA 8270D			67	1000	1300 U	130		66 U	62 U	63 U	63 U	100			1600	1700	64 U	65 U	64 UJ		65 U
Naphthalene	EPA 8270DSIM	39400		5	3600	3800	330		4.8 U	4.9 U	15	7.9	1800				20 U	6.2	18		31	29
2-Methylnaphthalene	EPA 8270DSIM			5	2300	2400	350		4.8 U	4.9 U	8.2	5.4	420				20 U	6.6	5.2		20	19
1-Methylnaphthalene	EPA 8270DSIM			5	1500	1600	260		4.8 U	4.9 U	7.8	5 U	470				20 U	4.4	4.7 U		21	20
Acenaphthylene	EPA 8270DSIM			5	10000	12000	47		4.8 U	4.9 U	31	5 U	490				20 U	4.4 U	14		14 U	4.8 U
Acenaphthene	EPA 8270DSIM	32400		5	420	1200 U	11		4.8 U	4.9 U	4.8 U	5 U	240				20 U	4.4 U	4.7 U		50	47
Fluorene	EPA 8270DSIM	270000		5	4000	3900	23		4.8 U	4.9 U	23	5 U	380				20 U	4.4 U	4.7 U		33	32
Phenanthrene	EPA 8270DSIM			5	33000 E	44000	280		4.8 U	4.9 U	240	13	2700				30	5.8	51		390	370
Anthracene	EPA 8270DSIM	6080000		5	13000 E	14000	57		4.8 U	4.9 U	37	5 U	630				20 U	4.4 U	11		67	71
Fluoranthene	EPA 8270DSIM	44000		5	46000 E	70000	220		4.8 U	4.9 U	220	12	2600				22	4.4 U	85		420	420
Pyrene	EPA 8270DSIM	1750000		5	54000 E	90000	230		4.8 U	4.9 U	310	11	2700				22	4.4 U	100		560	490 E
Benzo(a)anthracene	EPA 8270DSIM	41.9		5	38000 E	51000	160		4.8 U	4.9 U	130	5 U	1200				20 U	4.4 U	53		200	210
Chrysene	EPA 8270DSIM	46.6		5	40000 E	53000	180		4.8 U	4.9 U	140	6.9	1200				20 U	4.4 U	53		280	280
Benzo(b)fluoranthene	EPA 8270DSIM	144		5	46000 E	35000	190		4.8 U	4.9 U	80	5 U	1400				20 U	4.4 U	50		240	250
Benzo(k)fluoranthene	EPA 8270DSIM	144		5	45000 E	45000	200		4.8 U	4.9 U	110	5 U	1200				20 U	4.4 U	47		260	220
Benzo(a)pyrene	EPA 8270DSIM	113		5	56000 E	62000	170		4.8 U	4.9 U	140	5 U	1500				20 U	4.4 U	66		270	260
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406		5	9300	33000	31		4.8 U	4.9 U	72	5 U	500				20 U	4.4 U	36		160	150
Dibenz(a,h)anthracene	EPA 8270DSIM	210		5	3400	7500	17		4.8 U	4.9 U	19	5 U	130				20 U	4.4 U	9		54	55
Benzo(g,h,i)perylene	EPA 8270DSIM			5	10000	37000	35		4.8 U	4.9 U	82	5 U	500				20 U	4.4 U	45		220	200
Dibenzofuran	EPA 8270DSIM			5	740	1200 U	53		4.8 U	4.9 U	4.8 U	5 U	250				20 U	4.4 U	4.7 U		14 U	9
PCBs (µg/kg)																						
Aroclor 1248	EPA 8082	33		33																		
Aroclor 1254	EPA 8082	33		33																		
Aroclor 1260	EPA 8082	33		33																		
Aroclor 1262	EPA 8082	33		33																		
Total PCB	EPA 8082	33		33																		
Inorganics (mg/kg)																						
Aluminum	EPA 6010B			5	11800		7370		12400	21900	8900	12200	13400				13200	10500	14600			8870
Arsenic	EPA 6010B	7.3		5	7		6 U		6 U	10 U	5 U	6 U	5 U				6 U	6 U	5 U			5 U
Barium	EPA 6010B	93300		0.3	333		440		53.1	35	38.4	40.3	113				149	37.1	51.9			28.2
Beryllium	EPA 6010B	222		0.1	0.3		0.3		0.2	0.2 U	0.1 U	0.1	0.2				0.4	0.1 U	0.2			0.1 U
Cadmium	EPA 6010B	1.21		0.2	0.8		0.2 U		0.2 U	0.5 U	0.2 U	0.2 U	0.5				0.2 U	0.3 U	0.2 U			0.2 U
Calcium	EPA 6010B			5	7090		5810		5260	13400	5830	4160	6710				10400	4750	6970			4120
Chromium	EPA 6010B			0.5	14.2		8.3		13.6	24	11.4	14.1	15.9				17.5	13.4	16			11.3
Cobalt	EPA 6010B			0.3	11.9		7.9		5.5	40.5	4.7	4.5	8.6				7.6	4.6	6.9			5
Copper	EPA 6010B	36.4		0.2	39.9		88.4		16.2	50.7	12.9	18	33				36.4	14.2	23			11.1
Iron	EPA 6010B			5	13000		8310		12800	27500	13200	14400	15600				14100	13700	19100			13400
Lead	EPA 6010B	1000		2	17		8		3	5 U	8	3	16				10	3 U	3			4
Magnesium	EPA 6010B			5	2830		852		2910	15000	2700	2880	3120				2780	2300	5410			2670
Manganese	EPA 6010B	1146		0.1	124		97.5		112	463	152	116	184				262	144	288			170
Mercury	EPA 7471A	0.07		0.05	0.61		0.05 U		0.06 U	0.04 U	0.05	0.06 U	0.13				0.06	0.06 U	0.04 U			0.04 U
Molybdenum	EPA 6010B	6670		0.5	1.4		4.2		0.6	1	0.5	0.6 U	1.4				2	0.9	1.4			1
Nickel	EPA 6010B	47.8		1	15		30		11	26	10	10	25				21	9	17			9
Silver	EPA 6010B	0.323		0.3	2.9		0.4 U		0.3 U	3.6	0.3 U	0.3 U	0.4				0.3 U	0.4 U	0.3 U			0.3 U
Thallium	EPA 7841	0.669		0.1	0.1 U		0.1 U		0.1	0.1 U	0.1 U	0.1 U	0.1 U				0.1 U	0.1 U	0.1 U			0.1 U
Tin	EPA 6010B			1	1 U		1 U		1 U	2 U	1 U	1 U	1 U				1 U	1 U	1 U			1 U
Vanadium	EPA 6010B	9330		0.3	56.4		54		44.8	60.4	40.4	43.6	53.1				55.7	50.1	44.3			43
Zinc	EPA 6010B	101		1	38		30		32	39	45	30	181				62	25	35			30
Cyanide	EPA 335.2	0.202		0.05	7.59		3.51		0.177	0.049 U	0.165	0.11	2.44				6.1	0.676	0.046 U			0.403
Chromium(VI)	SM3500CrD	19.2		0.4																		
Total Solids (%)	EPA 160.3			0.01	89.4		82.4		79.5	94.7	94.2	79	83.5				82.5	78.5	95.9			95.6
Total Organic Carbon (%)	Plumb 1981			0.02																		
Petroleum Hydrocarbons (mg/kg)																						
TPH - Gasoline Range	NWTPH-Gx	30		5						5.1 U	6.6 U	8.8 U	76 J				6.5 U	7 U				
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000		5						5.2 U	7.6 J	7.4 U	100 J				210 J	6.1 U				
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000		10						10 U	66	15 U	330				160	12 U				

Table 5-1b:
2-40s Area Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Location: Depth (ft bgs): Sample ID: Date:	Laboratory RL	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 Reextract 7/2/2008	2-40-DP-074 9 - 10 2-40-DP-74-09-S-0 7/2/2008	2-40-DP-074 9 - 10 2-40-DP-74-09-S-0 Reextract 7/2/2008	2-40-DP-075 0 - 1 2-40-DP-75-01-S-0 7/1/2008	2-40-DP-075 0 - 1 2-40-DP-75-01-S-0 Reextract 7/1/2008	2-40-DP-075 4 - 5 2-40-DP-75-04-S-0 7/1/2008	2-40-DP-075 4 - 5 2-40-DP-75-04-S-0 Reextract 7/1/2008	2-40-DP-075 9 - 10 2-40-DP-75-09-S-0 7/1/2008	2-40-DP-075 9 - 10 2-40-DP-75-09-S-0 Reextract 7/1/2008	2-40-DP-076 0 - 1 2-40-DP-76-01-S-0 6/5/2008	2-40-DP-076 0 - 1 2-40-DP-76-01-S-0 Reextract 6/5/2008	2-40-DP-076 4 - 5 2-40-DP-76-04-S-0 6/5/2008	2-40-DP-076 9 - 10 2-40-DP-76-09-S-0 6/5/2008	2-40-DP-077 0 - 1 2-40-DP-77-01-S-0 6/2/2008	2-40-DP-077 4 - 5 2-40-DP-77-04-S-0 6/2/2008	2-40-DP-077 9 - 10 2-40-DP-77-09-S-0 6/2/2008	2-40-DP-078 0 - 1 2-40-DP-78-01-S-0 5/28/2008	2-40-DP-078 4 - 5 2-40-DP-78-04-S-0 5/28/2008
VOCs (µg/kg)																					
Vinyl Chloride	EPA 8260B	4.59		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 UJ		2.1 UJ	1.3 UJ	1 UJ	1.2 UJ	1.5 UJ	1.1 UJ	1.2 UJ
Methylene Chloride	EPA 8260B	828		2		2.6 UJ		2.6 U		2.8 U		2.8 U		3.7 U		4.9 U	2.5 U	2 U	3.4 U	2.9 U	2.2 U	2.3 U
Acetone	EPA 8260B	355000		5		100		66		21 U		54 U		47		78	86	27	20	31	26	57
Carbon Disulfide	EPA 8260B	3640		1		1.3 UJ		1.1 U		1.3 U		1.4 U		6.9		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
trans-1,2-Dichloroethene	EPA 8260B	8930		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
cis-1,2-Dichloroethene	EPA 8260B	794		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
Chloroform	EPA 8260B	140		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
2-Butanone	EPA 8260B	802000		5		6.6 UJ		5.4 U		6.4 U		7 U		9.3 U		11 U	7.1	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U
Trichloroethene	EPA 8260B	2		1		1.3 UJ		7.2		2.6		1.4 U		60		28	1.3 U	1 U	1.2 U	1.5 U	4.8	1.2 U
Benzene	EPA 8260B	25.3		1		1.3 UJ		1.1 U		1.3 U		2.1		1.9 U		2.1 U	1.9	1 U	1.2 U	1.5 U	1.1 U	1.2 U
Methyl isobutyl ketone	EPA 8260B	35500		5		6.6 UJ		5.4 U		6.4 U		7 U		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U
Tetrachloroethene	EPA 8260B	8.72		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
Toluene	EPA 8260B	109000		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
Ethylbenzene	EPA 8260B	18100		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
Styrene	EPA 8260B	71		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
m,p-Xylene	EPA 8260B	2910000000		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
o-Xylene	EPA 8260B	143000		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
1,4-Dichlorobenzene	EPA 8260B	15		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
1,3,5-Trimethylbenzene	EPA 8260B	4210		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
1,2,4-Trimethylbenzene	EPA 8260B	4030		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
Isopropylbenzene	EPA 8260B	49800		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
n-Propylbenzene	EPA 8260B	13600		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
sec-Butylbenzene	EPA 8260B	7860		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
4-Isopropyltoluene	EPA 8260B			1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
n-Butylbenzene	EPA 8260B	4640		1		1.3 UJ		1.1 U		1.3 U		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U
Naphthalene	EPA 8260B	39400		5		6.6 UJ		5.4 U		6.4 U		7 U		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U
SVOCs (µg/kg)																						
1,4-Dichlorobenzene	EPA 8270D			67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
4-Methylphenol	EPA 8270D	13100		67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Naphthalene	EPA 8270D	39400		67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
2-Methylnaphthalene	EPA 8270D			67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Acenaphthylene	EPA 8270D			67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Acenaphthene	EPA 8270D	32400		67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Dibenzofuran	EPA 8270D			67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Diethylphthalate	EPA 8270D	79300		67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Fluorene	EPA 8270D	270000		67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Phenanthrene	EPA 8270D			67	98 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	300 J	280	64 U	64 U					
Carbazole	EPA 8270D			67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Anthracene	EPA 8270D	6080000		67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Fluoranthene	EPA 8270D	44000		67	220 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	160 J	160	64 U	64 U					
Pyrene	EPA 8270D	1750000		67	180 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	140 J	140	64 U	64 U					
Benzo(a)anthracene	EPA 8270D	41.9		67	92 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570		67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Chrysene	EPA 8270D	46.6		67	150 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Benzo(b)fluoranthene	EPA 8270D	144		67	170 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Benzo(k)fluoranthene	EPA 8270D	144		67	120 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Benzo(a)pyrene	EPA 8270D	113		67	160 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Indeno(1,2,3-cd)pyrene	EPA 8270D	406		67	81 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Dibenz(a,h)anthracene	EPA 8270D	210		67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Benzo(g,h,i)perylene	EPA 8270D			67	120 J	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
1-Methylnaphthalene	EPA 8270D			67	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U					
Naphthalene	EPA 8270DSIM	39400		5		4.7 U		6.2		4.6 U		27		18		4.8 U	4.8 U					
2-Methylnaphthalene	EPA 8270DSIM			5		4.7 U		4.8 U		4.6 U		9.6		17		4.8 U	4.8 U					
1-Methylnaphthalene	EPA 8270DSIM			5		4.7 U		4.8 U		4.6 U		6.7		9.8		4.8 U	4.8 U					
Acenaphthylene	EPA 8270DSIM			5		4.7 U		4.8 U		4.6 U		4.8 U		7.4		4.8 U	4.8 U					
Acenaphthene	EPA 8270DSIM	32400		5		4.7 U		4.8 U		4.6 U		4.8		4.9 U		4.8 U	4.8 U					
Fluorene	EPA 8270DSIM	270000		5		4.7 U		4.8 U		4.6 U		6.7		4.9 U		4.8 U	4.8 U					
Phenanthrene	EPA 8270DSIM			5		4.7 U		6.2		4.6 U		24		310		4.8 U	16					
Anthracene	EPA 8270DSIM	6080000		5		4.7 U		4.8 U		4.6 U		4.8		5.4		4.8 U	4.8 U					
Fluoranthene	EPA 8270DSIM	44000		5		4.7 U		7.1		4.6 U		24		180		4.8 U	22					
Pyrene	EPA 8270DSIM	1750000		5		4.7 U		8.1		4.6 U		22		140		4.8 U	26					
Benzo(a)anthracene	EPA 8270DSIM	41.9		5		4.7 U		4.8		4.6 U		6.7		53		4.8 U	11					
Chrysene	EPA 8270DSIM	46.6		5		4.7 U		5.2		4.6 U		9.1		61		4.8 U	15					
Benzo(b)fluoranthene	EPA 8270DSIM	144		5		4.7 U		5.2		4.6 U		6.7		40		4.8 U	11					
Benzo(k)fluoranthene	EPA 8270DSIM	144		5		4.7 U		4.8 U		4.6 U		6.7		50		4.8 U	8.7					
Benzo(a)pyrene	EPA 8270DSIM	113		5		4.7 U		4.8 U		4.6 U		6.2		13		4.8 U	9.7					
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406		5		4.7 U		4.8 U		4.6 U		4.8 U		26		4.8 U	7.3					
Dibenz(a,h)anthracene	EPA 8270DSIM	210		5		4.7 U		4.8 U		4.6 U		4.8 U		7.8		4.8 U	4.8 U					
Benzo(g,h,i)perylene	EPA 8270DSIM			5		4.7 U		4.8 U		4.6 U		5.3		28		4.8 U	11					
Dibenzofuran	EPA 8270DSIM			5		4.7 U		4.8 U		4.6 U		6.2		31		4.8 U	4.8 U					
PCBs (µg/kg)																						
Aroclor 1248	EPA 8082	33		33																		
Aroclor 1254	EPA 8082	33		33																		
Aroclor 1260	EPA 8082	33		33																		
Aroclor 1262	EPA 8082	33		33																		
Total PCB	EPA 8082	33		33																		
Inorganics (mg/kg)																						
Aluminum	EPA 6010B			5		18200		10700		9730		17100		8850		4310	12700	11100	9510	8530	10000	11400
Arsenic	EPA 6010B	7.3		5		6 U		5 U		5 U		7 U		6		5 U	6 U	5 U	5 U	5 U	5 U	5 U
Barium	EPA 6010B	93300		0.3		70.2		37.3		31.6		52.6		36.1		17.4	42.2	44.4	33.3	24.6	35.5	45.9
Beryllium	EPA 6010B	222		0.1		0.2		0.1		0.2		0.2		0.1		0.1 U	0.2	0.1	0.1	0.1 U	0.1	0.1
Cadmium	EPA 6010B	1.21		0.2		0.3 U		0.2 U		0.2 U		0.3 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B			5		6740		4290		3900		5140		12400		2520	4680	4860	4220	4380	4770	4550
Chromium	EPA 6010B			0.5		21		15.4		13.5		18.4		15.1		6.7	14.9	13.6	12.1	11.9	12.6	15.9
Cobalt	EPA 6010B			0.3		7.8		5.5		5.2		5.5		5.8		3.5	4.6	4.6	4.4	4.4	6.2	5.2
Copper	EPA 6010B	36.4		0.2		28.4		13.9		10.4		24.6		11.9		5.7	18.1	15.1	12.5	10.2	14.3	16
Iron	EPA 6010B			5		21100		14600		13600		16400		12100		7500	14100	12900	12600	12200	13300	15900
Lead	EPA 6010B	1000		2		3		3		2 U		8		3		2 U	7	9 J	16 J	3 J	4	5
Magnesium	EPA 6010B			5		3940		2940		2720		3810		3060		1350	2920	2700	2540	2500	2730	3340
Manganese	EPA 6010B	1146		0.1		271		155		161		149		136		68.1	138	133	122	119	137	170
Mercury	EPA 7471A	0.07		0.05		0.07 U		0.05 U		0.04 U		0.06		0.05 U		0.05 U	0.04 U	0.05 U	0.04 U	0.04 U	0.04 U	0.04 U
Molybdenum	EPA 6010B	6670		0.5		1.4		1		0.9		1.5		1.3		0.5	0.6 U	0.6	0.5	0.5 U	0.5	0.5
Nickel	EPA 6010B	47.8		1		16		11		10		13		11		5	10	10	9	10	10	12
Silver	EPA 6010B	0.323		0.3		0.4 U		0.3 U		0.3 U		0.4 U		0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669		0.1		0.1 U		0.1		0.1 U		0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1 U
Tin	EPA 6010B			1		1 U		1 U		1 U		1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330		0.3		61.7		47.2		43.8		55.7		36.3		24.9	47.3	42.5	42.5	39.9	40.7	45.5
Zinc	EPA 6010B	101		1		34		32		29		42		57		19	34	37	28	25	36	37
Cyanide	EPA 335.2	0.202		0.05		2.16		0.051 U		0.05 U		0.067		0.051 U		0.049 U	0.055 U	0.055 U	0.055 U	0.051 U	0.052 U	0.07
Chromium(VI)	SM3500CrD	19.2		0.4										0.413 UJ		0.416 UJ	0.47 UJ					
Total Solids (%)	EPA 160.3			0.01		71		96.1		96.8		72.2		96.8		96.2	83.4	90	90.7	94.5	91.3	90.7
Total Organic Carbon (%)	Plumb 1981			0.02																		
Petroleum Hydrocarbons (mg/kg)																						
TPH - Gasoline Range	NWTPH-Gx	30		5																		
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000		5																		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000		10																		

Table 5-1b:
2-40s Area Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Location:	Laboratory RL	2-40-DP-078 9 - 10 2-40-DP-78-09-S-0 5/28/2008	2-40-DP-079 0 - 1 2-40-DP-79-01-S-0 6/24/2008	2-40-DP-079 4 - 5 2-40-DP-79-04-S-0 6/24/2008	2-40-DP-079 9 - 10 2-40-DP-79-09-S-0 6/24/2008	2-40-DP-080 0 - 1 2-40-DP-80-01-S-0 6/9/2008	2-40-DP-080 4 - 5 2-40-DP-80-04-S-0 6/9/2008	2-40-DP-080 9 - 10 2-40-DP-80-09-S-0 6/9/2008	2-40-DP-081 0 - 1 2-40-DP-81-01-S-0 6/6/2008	2-40-DP-081 4 - 5 2-40-DP-81-04-S-0 6/6/2008	2-40-DP-081 9 - 10 2-40-DP-81-09-S-0 6/6/2008	2-40-DP-081 9 - 10 2-40-DP-81-09-S-0 Reanalysis 6/6/2008	2-40-DP-082 0 - 1 2-40-DP-82-01-S-0 6/13/2008	2-40-DP-082 4 - 5 2-40-DP-82-04-S-0 6/13/2008	2-40-DP-082 9 - 10 2-40-DP-82-09-S-0 6/13/2008	2-40-DP-083 0 - 1 2-40-DP-83-01-S-0 6/3/2008	2-40-DP-083 0 - 1 2-40-DP-83-01-S-0 Reanalysis 6/3/2008	2-40-DP-083 4 - 5 2-40-DP-83-04-S-0 6/3/2008	2-40-DP-083 9 - 10 2-40-DP-83-09-S-0 6/3/2008	2-40-DP-084 0 - 1 2-40-DP-84-01-S-0 5/30/2008	2-40-DP-084 4 - 5 2-40-DP-84-04-S-0 5/30/2008	2-40-DP-084 9 - 10 2-40-DP-84-09-S-0 5/30/2008
VOCs (µg/kg)																								
Vinyl Chloride	EPA 8260B	4.59		1	1.6 UJ	1 U	1.2 U	1.4 U	0.9 UJ	1.1 UJ	1.2 UJ	1.6 UJ	1.2 UJ	1.5 UJ	1.4 UJ	1 UJ	1.2 UJ	1.2 UJ	0.9 UJ	1.1 UJ	1.6 UJ	1.3 UJ	1.1 UJ	1.2 UJ	1.3 UJ
Methylene Chloride	EPA 8260B	828		2	3.1 U	2 U	2.8 U	2.8 U	1.8 U	2.3 U	2.4 U	3.3 U	2.5 U	2.9 U	2.9 U	2.1 U	2.4 U	2.4 U	2.1 U	4.1 U	3.3 U	2.7 U	3 U	2.4 U	2.6 U
Acetone	EPA 8260B	355000		5	55	32	30	49	24	25	22	91	26	160	210	28	17	62	730 J	650 J	36	44	29	12 U	32
Carbon Disulfide	EPA 8260B	3640		1	19	1 U	1.2 U	3.6	3.8	1.1 U	1.2 U	1.6 U	1.2 U	12	1.4 U	1 U	1.2 U	2	0.9 UJ	1.1 UJ	1.6 U	4.5	1.1 U	1.2 U	5.5
trans-1,2-Dichloroethene	EPA 8260B	8930		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
cis-1,2-Dichloroethene	EPA 8260B	794		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
Chloroform	EPA 8260B	140		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
2-Butanone	EPA 8260B	802000		5	7.8 U	4.9 U	6 U	10	4.5 U	5.7 U	6 U	8.2 U	6.2 U	12	15	5.2 U	6 U	11	180 J	140 J	8.3 U	6.6 U	5.4 U	5.9 U	6.6 U
Trichloroethene	EPA 8260B	2		1	2.9	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	2.2 J	1.5 J	1.6 U	1.3 U	1.7	1.2 U	1.3 U
Benzene	EPA 8260B	25.3		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.8	1.5 U	1.4 U	1.1	1.2 U	7.1	1.2 J	1.1 UJ	1.6 U	1.7	1.5	1.2 U	1.7
Methyl isobutyl ketone	EPA 8260B	35500		5	7.8 U	4.9 U	6 U	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 U	7.2 U	5.2 U	6 U	6 U	5.2 J	5.3 UJ	8.3 U	6.6 U	5.4 U	5.9 U	6.6 U
Tetrachloroethene	EPA 8260B	8.72		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
Toluene	EPA 8260B	109000		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.4	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
Ethylbenzene	EPA 8260B	18100		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
Styrene	EPA 8260B	71		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
m,p-Xylene	EPA 8260B	2910000000		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
o-Xylene	EPA 8260B	143000		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
1,4-Dichlorobenzene	EPA 8260B			1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
1,3,5-Trimethylbenzene	EPA 8260B	4210		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
1,2,4-Trimethylbenzene	EPA 8260B	4030		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
Isopropylbenzene	EPA 8260B	49800		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
n-Propylbenzene	EPA 8260B	13600		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
sec-Butylbenzene	EPA 8260B	7860		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
4-Isopropyltoluene	EPA 8260B			1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
n-Butylbenzene	EPA 8260B	4640		1	1.6 U	1 U	1.2 U	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U	1.1 U	1.2 U	1.3 U
Naphthalene	EPA 8260B	39400		5	7.8 U	4.9 U	6 U	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 UJ	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U	5.4 U	5.9 U	6.6 U
SVOCs (µg/kg)																								
1,4-Dichlorobenzene	EPA 8270D			67		63 U	63 U	65 U				65 U	64 U	66 U											
4-Methylphenol	EPA 8270D	13100		67		63 U	63 U	65 U				65 U	64 U	66 U											
Naphthalene	EPA 8270D	39400		67		63 U	63 U	65 U				65 U	64 U	66 U											
2-Methylnaphthalene	EPA 8270D			67		63 U	63 U	65 U				65 U	64 U	66 U											
Acenaphthylene	EPA 8270D			67		63 U	63 U	65 U				65 U	64 U	66 U											
Acenaphthene	EPA 8270D	32400		67		63 U	63 U	65 U				65 U	64 U	66 U											
Dibenzofuran	EPA 8270D			67		63 U	63 U	65 U				65 U	64 U	66 U											
Diethylphthalate	EPA 8270D	79300		67		63 U	63 U	65 U				65 U	64 U	66 U											
Fluorene	EPA 8270D	270000		67		63 U	63 U	65 U				65 U	64 U	66 U											
Phenanthrene	EPA 8270D			67		63 U	63 U	65 U				65 U	64 U	66 U											
Carbazole	EPA 8270D			67		63 U	63 U	65 U				65 U	64 U	66 U											
Anthracene	EPA 8270D	6080000		67		63 U	63 U	65 U				65 U	64 U	66 U											
Fluoranthene	EPA 8270D	44000		67		63 U	63 U	65 U				65 U	64 U	66 U											
Pyrene	EPA 8270D	1750000		67		63 U	63 U	65 U				65 U	64 U	66 U											
Benzo(a)anthracene	EPA 8270D	41.9		67		63 U	63 U	65 U				65 U	64 U	66 U											
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570		67		63 U	63 U	65 U				65 U	64 U	66 U											
Chrysene	EPA 8270D	46.6		67		63 U	63 U	65 U				65 U	64 U	66 U											
Benzo(b)fluoranthene	EPA 8270D	144		67		63 U	63 U	65 U				65 U	64 U	66 U											
Benzo(k)fluoranthene	EPA 8270D	144		67		63 U	63 U	65 U				65 U	64 U	66 U											
Benzo(a)pyrene	EPA 8270D	113		67		63 U	63 U	65 U				65 U	64 U	66 U											
Indeno(1,2,3-cd)pyrene	EPA 8270D	406		67		63 U	63 U	65 U				65 U	64 U	66 U											
Dibenz(a,h)anthracene	EPA 8270D	210		67		63 U	63 U	65 U				65 U	64 U	66 U											
Benzo(g,h,i)perylene	EPA 8270D			67		63 U	63 U	65 U				65 U	64 U	66 U											
1-Methylnaphthalene	EPA 8270D			67		63 U	63 U	65 U				65 U	64 U	66 U											
Naphthalene	EPA 8270DSIM	39400		5		4.8 U	4.9 U	4.8 U				5 U	7.8	4.8 U											
2-Methylnaphthalene	EPA 8270DSIM			5		4.8 U	4.9 U	4.8 U				5 U	4.9	4.8 U											
1-Methylnaphthalene	EPA 8270DSIM			5		4.8 U	4.9 U	4.8 U				5 U	4.9 U	4.8 U											
Acenaphthylene	EPA 8270DSIM			5		4.8 U	4.9 U	4.8 U				5 U	4.9 U	4.8 U											
Acenaphthene	EPA 8270DSIM	32400		5		4.8 U	4.9 U	4.8 U				5 U	4.9 U	4.8 U											
Fluorene	EPA 8270DSIM	270000		5		4.8 U	4.9 U	4.8 U				5 U	4.9 U	4.8 U											
Phenanthrene	EPA 8270DSIM			5		4.8 U	4.9 U	4.8 U				5 U	15	14											
Anthracene	EPA 8270DSIM	6080000		5		4.8 U	4.9 U	4.8 U				5 U	4.9 U	4.8 U											
Fluoranthene	EPA 8270DSIM	44000		5		4.8 U	4.9 U	4.8 U				5 U	14	6.7											
Pyrene	EPA 8270DSIM	1750000		5		4.8 U	4.9 U	4.8 U				5 U	17	5.7											
Benzo(a)anthracene	EPA 8270DSIM	41.9		5		4.8 U	4.9 U	4.8 U				5 U	6.9	4.8 U											
Chrysene	EPA 8270DSIM	46.6		5		4.8 U	4.9 U	4.8 U				5 U	10	4.8 U											
Benzo(b)fluoranthene	EPA 8270DSIM	144		5		4.8 U	4.9 U	4.8 U				5 U	10	4.8 U											
Benzo(k)fluoranthene	EPA 8270DSIM	144		5		4.8 U	4.9 U	4.8 U				5 U	11 Y	4.8 U											
Benzo(a)pyrene	EPA 8270DSIM	113		5		4.8 U	4.9 U	4.8 U				5 U	13	4.8 U											
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406		5		4.8 U	4.9 U	4.8 U				5 U	4.9 U	4.8 U											
Dibenz(a,h)anthracene	EPA 8270DSIM	210		5		4.8 U	4.9 U	4.8 U				5 U	4.9 U	4.8 U											
Benzo(g,h,i)perylene	EPA 8270DSIM			5		4.8 U	4.9 U	4.8 U				5 U	6.9	4.8 U											
Dibenzofuran	EPA 8270DSIM			5		4.8 U	4.9 U	4.8 U				5 U	4.9 U	4.8 U											
PCBs (µg/kg)																								
Aroclor 1248	EPA 8082	33		33					33 U	33 U	33 U								33 U		32 U	33 U			
Aroclor 1254	EPA 8082	33		33					33 U	33 U	33 U								33 U		32 U	33 U			
Aroclor 1260	EPA 8082	33		33					33 U	33 U	33 U								33 U		32 U	33 U			
Aroclor 1262	EPA 8082	33		33					33 U	33 U	33 U								33 U		32 U	33 U			
Total PCB	EPA 8082	33		33					33 U	33 U	33 U								33 U		32 U	33 U			
Inorganics (mg/kg)																								
Aluminum	EPA 6010B			5	12500	9360	7980	11200	14000	13200	12200	12500	5030	5050		10200	8790	19200	9100		9170	16900	12300	10600	12200
Arsenic	EPA 6010B	7.3		5	6 U	5 U	6 U	7 U	5 U	6 U	6 U	5 U	5 U	6 U		5 U	5 U	7	5 U		5 U	7 U	6 U	5 U	6 U
Barium	EPA 6010B	93300		0.3	34	26.8	24.5	37.1	48.5 J	47.2 J	44 J	44.7	15.7	20.6		35.4	26.8	79.6	31.7		30.1	62.2	44.8	37.5	39
Beryllium	EPA 6010B	222		0.1	0.2	0.1	0.1 U	0.1 U	0.2	0.2	0.2	0.2	0.1 U	0.1 U		0.1	0.1	0.3	0.1		0.1	0.2	0.2	0.1	0.1
Cadmium	EPA 6010B	1.21		0.2	0.2 U	0.2 U	0.2 U	0.3 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.3 U	1		0.2 U	0.3 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B			5	5130	4280	3930	4380	5710	5470	5250	3480	2400	1760		4270	3780	5410	4850		4060	5400	4890	4740	4730
Chromium	EPA 6010B			0.5	25.4	13.3	10.4	12.9	17.7	16	15.4	27.2	8.5	7.1		13.3	13.1	20.6	12.5		14.2	19.7	15.1	15.8	14.6
Cobalt	EPA 6010B			0.3	9.1	4.6	3.7	3.7	5.6	6.5	5.5	6.4	3	2.6		4.9	4.8	5.8	11.6		4.7	7.1	5.2	6.7	4.8
Copper	EPA 6010B	36.4		0.2	16.4	11.1	10.7	17.9	20	18.9	16.7	11.7	6.2	7.2		12.8	11.6	26.8	15.1		10.8	23.8	17	12.3	14.2
Iron	EPA 6010B			5	11400	13700	11400	11200	17000	17300	14700	15400	8950	7700		14900	13900	17800	13700		12800	20100	15300	14100	13700
Lead	EPA 6010B	1000		2	2 U	3	8	3 U	7	5	5	3	2	2 U		5	3	13	5		2	6	9	3	4
Magnesium	EPA 6010B			5	2730	2690	2120	2140	4040	3780	3200	5750	1520	1400		2920	2640	4620	3010		2680	4670	3410	3010	3040
Manganese	EPA 6010B	1146		0.1	97.7	138	118	85.9	176	183	154	259	81.1	71.2		144	137	204	138		126	221	144	136	130
Mercury	EPA 7471A	0.07		0.05	0.05 U	0.04 U	0.06 U	0.05 U	0.04 J	0.04 UJ	0.05 J	0.04 U	0.05 U	0.05		0.04 U	0.04 U	0.07	0.04		0.05 U	0.07	0.04 U	0.04 U	0.05
Molybdenum	EPA 6010B	6670		0.5	0.6 U	0.5 U	0.6 U	0.7 U	0.5 U	0.6 U	0.6 U	0.5 U	0.6	0.6 U		0.5 U	0.5 U	0.7 U	0.5 U		0.5	0.7 U	0.6 U	1.4	0.6
Nickel	EPA 6010B	47.8		1	12	9	8	8	13	13	11	37	5	5		9	9	14	10		9	15	11	10	10
Silver	EPA 6010B	0.323		0.3	0.3 U	0.3 U	0.4 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U		0.3 U	0.3 U	0.4 U	1.1		0.3 U	0.4 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669		0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1	0.1	0.1 U	0.1 U	0.1 U		0.1 U	0.09 U	0.1 U	0.1 U		0.1	0.1	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B			1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330		0.3	43.1	42.4	36.8	43.9	51.4	52.6	53.8	36.6	29.9	24.4		45.4	43.2	52.6	41.4		39.2	53.1	47.8	38.1	42.6
Zinc	EPA 6010B	101		1	32	27	27	21	48	40	34	28	17	15		32	28	51	34		27	45	35	30	32
Cyanide	EPA 335.2	0.202		0.05	0.06 U	0.053 U	0.059	0.067 U	0.057 U	0.059 U	0.055 U	0.05 U	0.048 U	0.053 U		0.149 J	0.051 UJ	0.066 J	0.05 U		0.048 U	0.072 U	0.095	0.052 U	0.058 U
Chromium(VI)	SM3500CrD	19.2		0.4																					
Total Solids (%)	EPA 160.3			0.01	81.9	93.2	79.7	71.6	84.9	84.5	89.5	96.7	96.1	88.9		93.1	97	73	95.5		96.9	68.9	89.1	92.9	84.2
Total Organic Carbon (%)	Plumb 1981			0.02																					
Petroleum Hydrocarbons (mg/kg)																									
TPH - Gasoline Range	NWTPH-Gx	30		5															28 J		6.2 U	9.2 U	7.5 U	6.8 U	8 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000		5															16 J		44 J	12 J	14 J	5.2 U	5.7 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000		10															200		590	35	24	10 U	12 U

Table 5-1b:
2-40s Area Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Location: / Depth (ft bgs): / Sample ID: / Date:	Laboratory RL	2-40-DP-085 0 - 1 2-40-DP-85-01-S-0 7/2/2008	2-40-DP-085 4 - 5 2-40-DP-85-04-S-0 7/2/2008	2-40-DP-085 9 - 10 2-40-DP-85-09-S-0 7/2/2008	2-40-DP-086 0 - 1 2-40-DP-86-01-S-0 6/13/2008	2-40-DP-086 0 - 1 2-40-DP-86-01-S-0 Reextract 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 Reanalysis 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 Reextract 6/13/2008	2-40-DP-086 9 - 10 2-40-DP-86-09-S-0 6/13/2008	2-40-DP-086 9 - 10 2-40-DP-86-09-S-0 Reextract 6/13/2008	2-40-DP-087 0 - 1 2-40-DP-87-01-S-0 6/13/2008	2-40-DP-087 4 - 5 2-40-DP-87-04-S-0 6/13/2008	2-40-DP-087 9 - 10 2-40-DP-87-09-S-0 6/13/2008	2-40-DP-088 0 - 1 2-40-DP-88-01-S-0 6/13/2008	2-40-DP-088 4 - 5 2-40-DP-88-04-S-0 6/13/2008	2-40-DP-088 9 - 10 2-40-DP-88-09-S-0 6/13/2008	2-40-DP-089 0 - 1 2-40-DP-89-01-S-0 6/13/2008	2-40-DP-089 4 - 5 2-40-DP-89-04-S-0 6/13/2008	2-40-DP-089 9 - 10 2-40-DP-89-09-S-0 6/13/2008
VOCs (µg/kg)																						
Vinyl Chloride	EPA 8260B	4.59		1	1.2 U	1.1 U	1.3 U	1 UJ		1 UJ	1 UJ		1 UJ		1 UJ	1.3 UJ	1 UJ	0.9 UJ	1.2 UJ	1.2 UJ	1 UJ	1.2 UJ	1.2 UJ
Methylene Chloride	EPA 8260B	828		2	6.1 U	3.3 U	6.6 U	2 U		2 U	2 U		2 U		1.9 U	2.6 U	2 U	1.8 U	2.4 U	2.3 U	2 U	2.5 U	2.4 U
Acetone	EPA 8260B	355000		5	6 U	5.5 U	6.5 U	40		18 J	26		21		58	21 J	17	58	21	47	55	21	47
Carbon Disulfide	EPA 8260B	3640		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.9	1 U	1.2 U	2.1
trans-1,2-Dichloroethene	EPA 8260B	8930		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
cis-1,2-Dichloroethene	EPA 8260B	794		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Chloroform	EPA 8260B	140		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1.5	1.2 U	1.2 U
2-Butanone	EPA 8260B	802000		5	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U	6.4 U	5 U	4.6 U	6 U	6.8	5 U	6.1 U	5.9 U
Trichloroethene	EPA 8260B	2		1	4	1.1 U	5.6	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Benzene	EPA 8260B	25.3		1	1.2 U	1.1 U	1.3 U	1.1		1 U	1 U		1 U		1	1.3 U	1 U	1	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Methyl isobutyl ketone	EPA 8260B	35500		5	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U
Tetrachloroethene	EPA 8260B	8.72		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Toluene	EPA 8260B	109000		1	1.2 U	1.3	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Ethylbenzene	EPA 8260B	18100		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Styrene	EPA 8260B	71		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
m,p-Xylene	EPA 8260B	2910000000		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
o-Xylene	EPA 8260B	143000		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
1,4-Dichlorobenzene	EPA 8260B			1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
1,3,5-Trimethylbenzene	EPA 8260B	4210		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
1,2,4-Trimethylbenzene	EPA 8260B	4030		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Isopropylbenzene	EPA 8260B	49800		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
n-Propylbenzene	EPA 8260B	13600		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
sec-Butylbenzene	EPA 8260B	7860		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
4-Isopropyltoluene	EPA 8260B			1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
n-Butylbenzene	EPA 8260B	4640		1	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U
Naphthalene	EPA 8260B	39400		5	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U
SVOCs (µg/kg)																						
1,4-Dichlorobenzene	EPA 8270D			67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
4-Methylphenol	EPA 8270D	13100		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Naphthalene	EPA 8270D	39400		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
2-Methylnaphthalene	EPA 8270D			67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Acenaphthylene	EPA 8270D			67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Acenaphthene	EPA 8270D	32400		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Dibenzofuran	EPA 8270D			67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Diethylphthalate	EPA 8270D	79300		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Fluorene	EPA 8270D	270000		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Phenanthrene	EPA 8270D			67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Carbazole	EPA 8270D			67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Anthracene	EPA 8270D	6080000		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Fluoranthene	EPA 8270D	44000		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Pyrene	EPA 8270D	1750000		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Benzo(a)anthracene	EPA 8270D	41.9		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Chrysene	EPA 8270D	46.6		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Benzo(b)fluoranthene	EPA 8270D	144		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Benzo(k)fluoranthene	EPA 8270D	144		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Benzo(a)pyrene	EPA 8270D	113		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Indeno(1,2,3-cd)pyrene	EPA 8270D	406		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Dibenz(a,h)anthracene	EPA 8270D	210		67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Benzo(g,h,i)perylene	EPA 8270D			67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
1-Methylnaphthalene	EPA 8270D			67				65 U	65 UJ	65 U		66 UJ	64 U	64 UJ								
Naphthalene	EPA 8270DSIM	39400		5				35		4.8 U			5 U									
2-Methylnaphthalene	EPA 8270DSIM			5				12		4.8 U			5 U									
1-Methylnaphthalene	EPA 8270DSIM			5				5.8		4.8 U			5 U									
Acenaphthylene	EPA 8270DSIM			5				74		4.8 U			5 U									
Acenaphthene	EPA 8270DSIM	32400		5				4.8 U		4.8 U			5 U									
Fluorene	EPA 8270DSIM	270000		5				4.8 U		4.8 U			5 U									
Phenanthrene	EPA 8270DSIM			5				160		4.8 U			5 U									
Anthracene	EPA 8270DSIM	6080000		5				42		4.8 U			5 U									
Fluoranthene	EPA 8270DSIM	44000		5				180		4.8 U			5 U									
Pyrene	EPA 8270DSIM	1750000		5				210		4.8			5 U									
Benzo(a)anthracene	EPA 8270DSIM	41.9		5				75		4.8 U			5 U									
Chrysene	EPA 8270DSIM	46.6		5				170		4.8 U			5 U									
Benzo(b)fluoranthene	EPA 8270DSIM	144		5				180		4.8 U			5 U									
Benzo(k)fluoranthene	EPA 8270DSIM	144		5				160		4.8 U			5 U									
Benzo(a)pyrene	EPA 8270DSIM	113		5				190		4.8 U			5 U									
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406		5				200		4.8 U			5 U									
Dibenz(a,h)anthracene	EPA 8270DSIM	210		5				45		4.8 U			5 U									
Benzo(g,h,i)perylene	EPA 8270DSIM			5				470		4.8 U			5 U									
Dibenzofuran	EPA 8270DSIM			5				6.3		4.8 U			5 U									
PCBs (µg/kg)																						
Aroclor 1248	EPA 8082	33		33																		
Aroclor 1254	EPA 8082	33		33																		
Aroclor 1260	EPA 8082	33		33																		
Aroclor 1262	EPA 8082	33		33																		
Total PCB	EPA 8082	33		33																		
Inorganics (mg/kg)																						
Aluminum	EPA 6010B			5	13200	14300	20100	12100		12100			10000		13100	7920	10500	11000	8140	13300	11100	8250	14300
Arsenic	EPA 6010B	7.3		5	6 U	6	9	6 U		5 U			5 U		8	5 U	5 U	5 U	5 U	6 U	5 U	5 U	6 U
Barium	EPA 6010B	93300		0.3	43.4	54.5	74.6	43.4		40.3			45.2		51.6	20.1	33	36.7	22.7	50.2	41.9	24.8	56.4
Beryllium	EPA 6010B	222		0.1	0.2	0.2	0.3	0.1		0.1			0.1		0.2	0.09 U	0.1	0.1	0.1 U	0.2	0.1 U	0.1 U	0.2
Cadmium	EPA 6010B	1.21		0.2	0.3	0.3	0.3 U	0.2 U		0.2 U			0.2 U		0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B			5	8430	5820	5980	5100		4810			4260		9610	3780	5360	4470	3930	5040	4600	3940	5140
Chromium	EPA 6010B			0.5	18.6	18.2	22.2	15.2		19.2			20.2		31.1	11.9	13.1	13	15.5	40.1	16.7	13.6	24.1
Cobalt	EPA 6010B			0.3	7.1	7.1	7	5.4		5.5			4.6		7.5	4.2	4.6	4.8	4	5.6	4.9	4.1	6
Copper	EPA 6010B	36.4		0.2	22.4	23.7	28.6	15.5		15.8			11.7		16.1	9.8	12	14.1	9.6	16.9	14.1	9.1	20.3
Iron	EPA 6010B			5	16100	16600	22600	15300		15300			13700		16100	12300	14100	14800	12300	16400	14300	11700	16900
Lead	EPA 6010B	1000		2	9	24	9	6		5			5		11	2 U	3	4	2 U	3	4	4	6
Magnesium	EPA 6010B			5	3870	3600	4620	3360		3420			2970		4650	2560	2910	3000	2380	3430	3170	2240	3620
Manganese	EPA 6010B	1146		0.1	186	191	229	141		163			145		246	114	144	153	113	171	155	119	190
Mercury	EPA 7471A	0.07		0.05	0.05 U	0.05 U	0.09	0.05 U		0.05 U			0.04 U		0.05 U	0.04 U	0.04 U	0.05 U	0.04 U	0.33	0.05 U	0.04 U	0.08
Molybdenum	EPA 6010B	6670		0.5	1.3	1.1	1.6	0.6		0.5			0.5 U		1.1	0.5	0.6	0.5 U	0.6	0.8	0.5 U	0.5 U	0.6 U
Nickel	EPA 6010B	47.8		1	15	13	17	11		14			12		25	9.1	10	9	10	27	13	10	17
Silver	EPA 6010B	0.323		0.3	0.4 U	0.3 U	0.4 U	0.3 U		0.3 U			0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669		0.1	0.1	0.1	0.1 U	0.1 U		0.1 U			0.1 U		0.1 U	0.1	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B			1	1 U	1 U	1 U	1 U		1 U			1 U		1 U	0.9 U	1 U	1 U	1 U	1	1 U	1 U	1 U
Vanadium	EPA 6010B	9330		0.3	51.9	53.4	63.7	47.8		46.2			44.7		41.6	40.7	43.7	47.1	40.6	46.4	43.5	38.3	48
Zinc	EPA 6010B	101		1	44	93	50	38		39			29		66	24.3	30	32	26	40	34	28	42
Cyanide	EPA 335.2	0.202		0.05	0.057 UJ	0.055 U	0.093											0.051 U	0.05 U	0.055 U	0.064	0.05 U	0.09
Chromium(VI)	SM3500CrD	19.2		0.4																			
Total Solids (%)	EPA 160.3			0.01	76.1	88.1	72.5											90.9	97.5	90.1	91.4	96.9	77.4
Total Organic Carbon (%)	Plumb 1981			0.02																			
Petroleum Hydrocarbons (mg/kg)																							
TPH - Gasoline Range	NWTPH-Gx	30		5	6.9 J	6.4 U	8.4 U																
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000		5	6 U	5.6 U	6.8 U																
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000		10	14	11 U	14 U																

Table 5-1b:
2-40s Area Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Location:	Laboratory RL	2-40-DP-090 0 - 1 2-40-DP-90-01-S-0 6/6/2008	2-40-DP-090 4 - 5 2-40-DP-90-04-S-0 6/6/2008	2-40-DP-090 9 - 10 2-40-DP-90-09-S-0 6/6/2008	2-40-DP-091 0 - 1 2-40-DP-91-01-S-0 6/4/2008	2-40-DP-091 4 - 5 2-40-DP-91-04-S-0 6/4/2008	2-40-DP-091 9 - 10 2-40-DP-91-09-S-0 6/4/2008	2-40-DP-091 9 - 10 2-40-DP-91-09-S-0 Reanalysis 6/4/2008	2-40-DP-092 0 - 1 2-40-DP-92-01-S-0 6/3/2008	2-40-DP-092 4 - 5 2-40-DP-92-04-S-0 6/3/2008	2-40-DP-092 9 - 10 2-40-DP-92-09-S-0 6/3/2008	2-40-DP-092 9 - 10 2-40-DP-92-09-S-0 Reanalysis 6/3/2008	2-40-DP-093 0 - 1 2-40-DP-93-01-S-0 7/8/2008	2-40-DP-093 4 - 5 2-40-DP-93-04-S-0 7/8/2008	2-40-DP-093 9 - 10 2-40-DP-93-09-S-0 7/8/2008	2-40-DP-094 0 - 1 2-40-DP-94-01-S-0 6/30/2008	2-40-DP-094 0 - 1 2-40-DP-94-01-S-0 Reextract 6/30/2008	2-40-DP-094 4 - 5 2-40-DP-94-04-S-0 6/30/2008	2-40-DP-094 4 - 5 2-40-DP-94-04-S-0 Reextract 6/30/2008	2-40-DP-094 9 - 10 2-40-DP-94-09-S-0 6/30/2008
VOCs (µg/kg)																						
Vinyl Chloride	EPA 8260B	4.59		1	1.2 UJ	1.3 UJ	2 UJ	1.1 U	1.3 U	1.7 U	1.7 UJ	1.1 UJ	1.2 UJ	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
Methylene Chloride	EPA 8260B	828		2	2.4 U	2.6 U	4 U	2.2 U	2.7 U	3.4 U	3.4 U	2.2 U	2.4 U	2.6 U	2.7 U	2.3 U	2.8 U	2.6 U	2.1 U		1.9 U		2.2 U
Acetone	EPA 8260B	355000		5	40	44	180	30 U	19 U	130	99	42	11	69	90	7.8 U	4.7 U	9.4 U	9.1 U		35		42
Carbon Disulfide	EPA 8260B	3640		1	1.2 U	1.7	2.6	1.1 U	1.3 U	1.7 U	2.4	1.1 U	1.2 U	1.6	1.8	0.8 U	1 U	0.9 U	2.8		1 U		23
trans-1,2-Dichloroethene	EPA 8260B	8930		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
cis-1,2-Dichloroethene	EPA 8260B	794		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	6.1	3.2	1.1 U	1.2 U	1.4	1.5	0.8 U	1 U	0.9 U	1.1 U		1 U		4.8
Chloroform	EPA 8260B	140		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
2-Butanone	EPA 8260B	802000		5	5.9 U	6.6 U	49	5.5 U	6.7 U	15	14	5.7	6 U	13	14	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		7.2
Trichloroethene	EPA 8260B	2		1	1.2 U	1.6	2 U	3.4	1.3 U	3.4	1.7 U	36	1.2 U	1.3 U	1.4 U	1.1	80	15	3.7		30		64
Benzene	EPA 8260B	25.3		1	1.2 U	1.3 U	110	1.1 U	1.3 U	3.5	2.6	1.1 U	1.2 U	11	12	0.8 U	1 U	0.9 U	1.1 U		1 U		1.4
Methyl isobutyl ketone	EPA 8260B	35500		5	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 U	8.4 U	5.4 U	6 U	6.5 U	6.8 U	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U
Tetrachloroethene	EPA 8260B	8.72		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
Toluene	EPA 8260B	109000		1	1.2 U	1.3 U	23	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U	1.2 U	1.9	2.1	0.8 U	7.3	5.2	1.1 U		1 U		1.1 U
Ethylbenzene	EPA 8260B	18100		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
Styrene	EPA 8260B	71		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
m,p-Xylene	EPA 8260B	2910000000		1	1.2 U	1.3 U	3.8	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
o-Xylene	EPA 8260B	143000		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
1,4-Dichlorobenzene	EPA 8260B			1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
Isopropylbenzene	EPA 8260B	49800		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
n-Propylbenzene	EPA 8260B	13600		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
sec-Butylbenzene	EPA 8260B	7860		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
4-Isopropyltoluene	EPA 8260B			1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
n-Butylbenzene	EPA 8260B	4640		1	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U
Naphthalene	EPA 8260B	39400		5	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 UJ	8.4 U	5.4 U	6 U	6.5 UJ	6.8 UJ	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U
SVOCs (µg/kg)																						
1,4-Dichlorobenzene	EPA 8270D			67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
4-Methylphenol	EPA 8270D	13100		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Naphthalene	EPA 8270D	39400		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
2-Methylnaphthalene	EPA 8270D			67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Acenaphthylene	EPA 8270D			67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Acenaphthene	EPA 8270D	32400		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Dibenzofuran	EPA 8270D			67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Diethylphthalate	EPA 8270D	79300		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Fluorene	EPA 8270D	270000		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Phenanthrene	EPA 8270D			67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Carbazole	EPA 8270D			67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Anthracene	EPA 8270D	6080000		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Fluoranthene	EPA 8270D	44000		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Pyrene	EPA 8270D	1750000		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Benzo(a)anthracene	EPA 8270D	41.9		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Chrysene	EPA 8270D	46.6		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Benzo(b)fluoranthene	EPA 8270D	144		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Benzo(k)fluoranthene	EPA 8270D	144		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Benzo(a)pyrene	EPA 8270D	113		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Dibenz(a,h)anthracene	EPA 8270D	210		67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Benzo(g,h,i)perylene	EPA 8270D			67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
1-Methylnaphthalene	EPA 8270D			67												61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U
Naphthalene	EPA 8270DSIM	39400		5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
2-Methylnaphthalene	EPA 8270DSIM			5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
1-Methylnaphthalene	EPA 8270DSIM			5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
Acenaphthylene	EPA 8270DSIM			5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
Acenaphthene	EPA 8270DSIM	32400		5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
Fluorene	EPA 8270DSIM	270000		5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
Phenanthrene	EPA 8270DSIM			5												4.8 U	6.4	4.8 U	4.7 U		4.9 U		4.6 U
Anthracene	EPA 8270DSIM	6080000		5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
Fluoranthene	EPA 8270DSIM	44000		5												4.8 U	11	4.8 U	4.7 U		5.9		4.6 U
Pyrene	EPA 8270DSIM	1750000		5												4.8 U	9.9	4.8 U	4.7 U		9.8		4.6 U
Benzo(a)anthracene	EPA 8270DSIM	41.9		5												4.8 U	8.9	4.8 U	4.7 U		5.4		4.6 U
Chrysene	EPA 8270DSIM	46.6		5												4.8 U	9.4	4.8 U	4.7 U		14		4.6 U
Benzo(b)fluoranthene	EPA 8270DSIM	144		5												4.8 U	13	4.8 U	4.7 U		15		4.6 U
Benzo(k)fluoranthene	EPA 8270DSIM	144		5												4.8 U	14	4.8 U	4.7 U		8.3		4.6 U
Benzo(a)pyrene	EPA 8270DSIM	113		5												4.8 U	13	4.8 U	4.7 U		11		4.6 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406		5												4.8 U	11	4.8 U	4.7 U		4.9		4.6 U
Dibenz(a,h)anthracene	EPA 8270DSIM	210		5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
Benzo(g,h,i)perylene	EPA 8270DSIM			5												4.8 U	11	4.8 U	4.7 U		6.9		4.6 U
Dibenzofuran	EPA 8270DSIM			5												4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U
PCBs (µg/kg)																						
Aroclor 1248	EPA 8082	33		33				32 U	32 U	33 U		32 U	33 U	34 U		32 U	31 U	33 U	30 UJ		140 J		30 UJ
Aroclor 1254	EPA 8082	33		33				48	32 U	33 U		32 U	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ
Aroclor 1260	EPA 8082	33		33				51	32 U	33 U		32 U	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ
Aroclor 1262	EPA 8082	33		33				32 U	32 U	33 U		32 U	33 U	34 U		32 U	31 U	33 U	30 UJ		470 J		30 UJ
Total PCB	EPA 8082	33		33				99	32 U	33 U		32 U	33 U	34 U		32 U	31 U	33 U	30 UJ		610 J		30 UJ
Inorganics (mg/kg)																						
Aluminum	EPA 6010B			5	5350	9960	13300	10000	9680	17300		10700	7800	16000		16700	10200	9480	15900		10700		12400
Arsenic	EPA 6010B	7.3		5	5 U	5 U	6 U	5 U	5 U	6 U		5 U	5 U	6 U		5 U	5 U	5 U	5		6		6 U
Barium	EPA 6010B	93300		0.3	21.4	38.9	44	44.3	30.3	56.8		37.1	24.9	62.7		70.4	27.3	25.8	75.1		43		45.1
Beryllium	EPA 6010B	222		0.1	0.1 U	0.1	0.2	0.1	0.1	0.2		0.1	0.1 U	0.2		0.3	0.1	0.1	0.2		0.1		0.1
Cadmium	EPA 6010B	1.21		0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U		0.2 U	0.2 U	0.2 U		0.3	0.3	0.2 U	0.2 U		43.3		3.9
Calcium	EPA 6010B			5	1520	4130	4340	6960	4980	4940		4140	3700	4370		7820	5090	4640	7040		7310		5070
Chromium	EPA 6010B			0.5	14	24.9	14.6	13.7	12.4	16.5		15.8	12.6	19.3		15	13.1	11.9	16		127		106
Cobalt	EPA 6010B			0.3	3.1	11.2	4.2	4.8	5	5		5.1	4.2	4.9		19	4.1	4.4	7.1		4.8		4.3
Copper	EPA 6010B	36.4		0.2	5.2	11.3	18.1	14	11.2	21.1		10.9	9	20.9		26.9	17.3	13.5	22		76.1		16.6
Iron	EPA 6010B			5	7540	13600	14000	13700	13600	14800		13900	12300	15100		21100	12200	14100	19800		13400		12700
Lead	EPA 6010B	1000		2	2 U	2	18	9	4	16		3	2 U	7		3	4	4	4		10		4
Magnesium	EPA 6010B			5	2560	4010	3120	2810	2590	3610		3500	2440	3540		5460	2500	2590	5600		2950		2600
Manganese	EPA 6010B	1146		0.1	120	192	134	148	147	127		163	118	123		303	117	128	279		146		115
Mercury	EPA 7471A	0.07		0.05	0.04 U	0.05 U	0.06 U	0.05 U	0.04 U	0.07		0.04 U	0.05 U	0.04		0.05 U	0.09	0.05	0.05 U		0.06		0.05 U
Molybdenum	EPA 6010B	6670		0.5	0.5 U	1.7	0.6 U	0.5	0.5 U	0.6 U		0.9	0.5	0.6 U		1.1	0.9	0.9	0.6		2.2		30
Nickel	EPA 6010B	47.8		1	18	24	10	10	10	12		14	7	14		18	9	10	15		18		39
Silver	EPA 6010B	0.323		0.3	0.3 U	0.8	0.4 U	0.3 U	0.3 U	0.4 U		0.3 U	0.3 U	0.4 U		1.9	0.3 U	0.3 U	0.3 U		0.3 U		0.3 U
Thallium	EPA 7841	0.669		0.1	0.1 U	0.1 U	0.1 U	0.2	0.2	0.1 U		0.1 U	0.1	0.2		0.1	0.1 U	0.1 U	0.1 U		0.1 U		0.1 U
Tin	EPA 6010B			1	1 U	1 U	1	1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U	1 U		2		1 U
Vanadium	EPA 6010B	9330		0.3	18.7	36.5	41.9	41.4	41	45.4		41	37.8	44.5		45.9	41.5	40.7	43.6		43.4		44.7
Zinc	EPA 6010B	101		1	13	27	43	36	30	33		28	24	37		40	30	34	35		85		34
Cyanide	EPA 335.2	0.202		0.05				0.052 U	0.052 U	0.073 U		0.051 U	0.05 U	0.074		0.047 U	0.048 U	0.053 U	0.052 U		3.76		0.057 U
Chromium(VI)	SM3500CrD	19.2		0.4												0.411 UJ	0.417 UJ	0.424 UJ	0.613 J		0.431 UJ		0.559 J
Total Solids (%)	EPA 160.3			0.01				94.9	93.9	65.2		95.8	97.2	77.6		95.9	94.3	93.2	96.4		92.7		84.9
Total Organic Carbon (%)	Plumb 1981			0.02																		
Petroleum Hydrocarbons (mg/kg)																						
TPH - Gasoline Range	NWTPH-Gx	30		5																		
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000		5																		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000		10																		

Table 5-1b:
2-40s Area Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Location:	Laboratory RL	2-40-DP-094 9 - 10 2-40-DP-94-09-S-0 Reextract 6/30/2008	2-40-DP-095 0 - 1 2-40-DP-95-01-S-0 6/9/2008	2-40-DP-095 4 - 5 2-40-DP-95-04-S-0 6/9/2008	2-40-DP-095 4 - 5 2-40-DP-95-04-S-0 Reanalysis 6/9/2008	2-40-DP-095 9 - 10 2-40-DP-95-09-S-0 6/9/2008	2-40-DP-096 0 - 1 2-40-DP-96-01-S-0 6/23/2008	2-40-DP-096 0 - 1 2-40-DP-96-01-S-0 Reanalysis 6/23/2008	2-40-DP-096 4 - 5 2-40-DP-96-04-S-0 6/23/2008	2-40-DP-096 9 - 10 2-40-DP-96-09-S-0 6/23/2008	2-40-DP-097 0 - 1 2-40-DP-97-01-S-0 Dilution 7/7/2008	2-40-DP-097 0 - 1 2-40-DP-97-01-S-0 7/7/2008	2-40-DP-097 4 - 5 2-40-DP-97-04-S-0 Dilution 7/7/2008	2-40-DP-097 4 - 5 2-40-DP-97-04-S-0 7/7/2008	2-40-DP-097 9 - 10 2-40-DP-97-09-S-0 7/7/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 Dilution 6/12/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 6/12/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 Reextract 6/12/2008	2-40-DP-098 4 - 5 2-40-DP-98-04-S-0 6/12/2008
VOCs (µg/kg)																						
Vinyl Chloride	EPA 8260B	4.59		1		1.1 UJ	1.5 UJ	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 UJ	1 UJ		1.1 U		1.2 UJ	0.9 U			1 UJ		1.2 UJ
Methylene Chloride	EPA 8260B	828		2		3.9 U	3 U	3.2 U	1.9 UJ	1.8 UJ	1.6 UJ	2.5 U	1.9 U		2.2 U		2.3 UJ	3.5 U			2.1 U		2.4 U
Acetone	EPA 8260B	355000		5		26	43	48	44 J	49 J	52 J	46	28		23		15 J	32			94		16
Carbon Disulfide	EPA 8260B	3640		1		2.6	4.8	8.1	6.8 J	1.5 J	1.4 J	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
trans-1,2-Dichloroethene	EPA 8260B	8930		1		1.1 U	1.5 U	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
cis-1,2-Dichloroethene	EPA 8260B	794		1		1.1 U	1.5 U	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
Chloroform	EPA 8260B	140		1		1.1 U	1.5 U	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
2-Butanone	EPA 8260B	802000		5		5.7 U	7.5 U	8 U	6.7 J	6.6 J	6.1 J	6.6	4.8 U		5.6 U		5.8 UJ	4.4 U			5.2 U		6 U
Trichloroethene	EPA 8260B	2		1		1.1 U	1.5 U	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
Benzene	EPA 8260B	25.3		1		1.1 U	1.7	1.6 U	1 J	0.9 UJ	0.8 J	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
Methyl isobutyl ketone	EPA 8260B	35500		5		5.7 U	7.5 U	8 U	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U		5.6 U		5.8 UJ	4.4 U			5.2 U		6 U
Tetrachloroethene	EPA 8260B	8.72		1		1.1 U	1.5 U	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
Toluene	EPA 8260B	109000		1		1.1 U	1.5 U	1.6 U	0.9 UJ	2.4 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
Ethylbenzene	EPA 8260B	18100		1		1.1 U	1.5 U	1.6 U	0.9 UJ	1.7 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
Styrene	EPA 8260B	71		1		1.1 U	1.5 U	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
m,p-Xylene	EPA 8260B	2910000000		1		1.1 U	1.5 U	1.6 U	0.9 UJ	9.3 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
o-Xylene	EPA 8260B	143000		1		1.1 U	1.5 U	1.6 U	0.9 UJ	4.6 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
1,4-Dichlorobenzene	EPA 8260B			1		1.1 U	1.5 UJ	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
1,3,5-Trimethylbenzene	EPA 8260B	4210		1		1.1 U	1.5 UJ	1.6 UJ	0.9 UJ	7.4 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
1,2,4-Trimethylbenzene	EPA 8260B	4030		1		1.1 U	1.5 UJ	1.6 UJ	0.9 UJ	24 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	1.1			1 U		1.2 U
Isopropylbenzene	EPA 8260B	49800		1		1.1 U	1.5 UJ	1.6 UJ	0.9 UJ	1.2 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
n-Propylbenzene	EPA 8260B	13600		1		1.1 U	1.5 UJ	1.6 UJ	0.9 UJ	2.3 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
sec-Butylbenzene	EPA 8260B	7860		1		1.1 U	1.5 UJ	1.6 UJ	0.9 UJ	1.6 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
4-Isopropyltoluene	EPA 8260B			1		1.1 U	1.5 UJ	1.6 UJ	0.9 UJ	2.3 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
n-Butylbenzene	EPA 8260B	4640		1		1.1 U	1.5 UJ	1.6 UJ	0.9 UJ	3.6 J	0.8 UJ	1.1 U	1 U		1.1 U		1.2 UJ	0.9 U			1 U		1.2 U
Naphthalene	EPA 8260B	39400		5		5.7 U	7.5 UJ	8 UJ	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U		5.6 U		5.8 UJ	4.4 U			5.2 U		6 U
SVOCs (µg/kg)																						
1,4-Dichlorobenzene	EPA 8270D			67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1200 U	60 U	64 U		66 U	66 UJ	64 U
4-Methylphenol	EPA 8270D	13100		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1200 U	60 U	64 U		66 U	66 UJ	64 U
Naphthalene	EPA 8270D	39400		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	3100	2300	64 U		66 U	66 UJ	64 U
2-Methylnaphthalene	EPA 8270D			67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1600	1400	64 U		66 U	66 UJ	64 U
Acenaphthylene	EPA 8270D			67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	5300	3600	64 U		66 U	66 UJ	64 U
Acenaphthene	EPA 8270D	32400		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1200 U	390	64 U		66 U	66 UJ	64 U
Dibenzofuran	EPA 8270D			67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1200 U	430	64 U		66 U	66 UJ	64 U
Diethylphthalate	EPA 8270D	79300		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1200 U	60 U	64 U		66 U	66 UJ	64 U
Fluorene	EPA 8270D	270000		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	10000	6900 E	64 U		75	66 UJ	64 U
Phenanthrene	EPA 8270D			67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		84	72000	36000 SE	64 U		770	140 J	64 U
Carbazole	EPA 8270D			67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1600	1600	64 U		66 U	66 UJ	64 U
Anthracene	EPA 8270D	6080000		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	22000	13000 E	64 U		210	66 UJ	64 U
Fluoranthene	EPA 8270D	44000		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		110	46000	28000 SE	64 U		720	200 J	64 U
Pyrene	EPA 8270D	1750000		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		180	66000	30000 SE	64 U		730	210 J	64 U
Benzo(a)anthracene	EPA 8270D	41.9		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		75	22000	17000 E	64 U		430	150 J	64 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1200 U	180	76		66 U	66 UJ	64 U
Chrysene	EPA 8270D	46.6		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		91	22000	12000 E	64 U		530	210 J	64 U
Benzo(b)fluoranthene	EPA 8270D	144		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	11000	13000 E	64 U		340	200 J	64 U
Benzo(k)fluoranthene	EPA 8270D	144		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		68	11000	3500	64 U		590	180 J	64 U
Benzo(a)pyrene	EPA 8270D	113		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		100	16000	12000 E	64 U		480	190 J	64 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	406		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	5000	3700	64 U		240	93 J	64 U
Dibenz(a,h)anthracene	EPA 8270D	210		67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1800	1700	64 U		70	66 UJ	64 U
Benzo(g,h,i)perylene	EPA 8270D			67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	5500	3600	64 U		290	110 J	64 U
1-Methylnaphthalene	EPA 8270D			67	62 UJ	64 U	65 U		66 U	64 U		64 U	64 U		64 U	1700	1300	64 U		66 U	66 UJ	64 U
Naphthalene	EPA 8270DSIM	39400		5		4.9 U	5.4		4.8 U	4.8 U		4.9 U	4.9 U	14	14	69	67	4.6 U	14	12		4.8 U
2-Methylnaphthalene	EPA 8270DSIM			5		4.9 U	9.4		4.8 U	4.8 U		4.9 U	4.9 U	15	15	32	36	4.6 U	16	14		4.8 U
1-Methylnaphthalene	EPA 8270DSIM			5		4.9 U	10		4.8 U	4.8 U		4.9 U	4.9 U	15	16	34	35	4.6 U	14 U	11		4.8 U
Acenaphthylene	EPA 8270DSIM			5		4.9 U	5 U		4.8 U	4.8 U		4.9 U	4.9 U	48	53	120	130	4.6 U	33	46		4.8 U
Acenaphthene	EPA 8270DSIM	32400		5		4.9 U	5 U		4.8 U	4.8 U		4.9 U	4.9 U	9.4 U	4.7 U	24 U	10	4.6 U	14 U	11		4.8 U
Fluorene	EPA 8270DSIM	270000		5		4.9 U	7.4		4.8 U	4.8 U		4.9 U	4.9 U	56	44	180	180	4.6 U	62	54		4.8 U
Phenanthrene	EPA 8270DSIM			5		4.9 U	25		4.8 U	4.8 U		7.4	4.9 U	500	500 E	1600	1300 E	4.6 U	600	530 E		4.8 U
Anthracene	EPA 8270DSIM	6080000		5		4.9 U	5.9		4.8 U	4.8 U		4.9 U	4.9 U	78	84	320	320	4.6 U	140	130		4.8 U
Fluoranthene	EPA 8270DSIM	44000		5		4.9 U	24		4.8 U	4.8 U		5.4	4.9 U	300	320	1000	1000 E	4.6 U	320	310		4.8 U
Pyrene	EPA 8270DSIM	1750000		5		4.9 U	20		4.8 U	4.8 U		4.9	4.9 U	450	440	1400	1200 E	4.6 U	420	360		4.8 U
Benzo(a)anthracene	EPA 8270DSIM	41.9		5		4.9 U	9.9 J		4.8 U	4.8 U		4.9 U	4.9 U	170	180	590	560 E	4.6 U	180	170		4.8 U
Chrysene	EPA 8270DSIM	46.6		5		4.9 U	11		4.8 U	4.8 U		4.9 U	4.9 U	170	180	580	560 E	4.6 U	190	180		4.8 U
Benzo(b)fluoranthene	EPA 8270DSIM	144		5		4.9 U	8.4		4.8 U	4.8 U		4.9 U	4.9 U	92	86	360	380	4.6 U	140	90		4.8 U
Benzo(k)fluoranthene	EPA 8270DSIM	144		5		4.9 U	7.9		4.8 U	4.8 U		4.9 U	4.9 U	120	140	470	410	4.6 U	150	74		4.8 U
Benzo(a)pyrene	EPA 8270DSIM	113		5		4.9 U	5		4.8 U	4.8 U		4.9 U	4.9 U	140	150	510	500 E	4.6 U	160	140		4.8 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406		5		4.9 U	6.9		4.8 U	4.8 U		4.9 U	4.9 U	76	66	260	220	4.6 U	49	79		4.8 U
Dibenz(a,h)anthracene	EPA 8270DSIM	210		5		4.9 U	5 U		4.8 U	4.8 U		4.9 U	4.9 U	29	19	74	66	4.6 U	17	38		4.8 U
Benzo(g,h,i)perylene	EPA 8270DSIM			5		4.9 U	6.4		4.8 U	4.8 U		4.9 U	4.9 U	92	82	310	250	4.6 U	48	100		4.8 U
Dibenzofuran	EPA 8270DSIM			5		4.9 U	5.9		4.8 U	4.8 U		4.9 U	4.9 U	9.4 U	4.7 U	24 U	13	4.6 U	14 U	5.3		4.8 U
PCBs (µg/kg)																						
Aroclor 1248	EPA 8082	33		33																32 U		33 U
Aroclor 1254	EPA 8082	33		33																32 U		33 U
Aroclor 1260	EPA 8082	33		33																32 U		33 U
Aroclor 1262	EPA 8082	33		33																32 U		33 U
Total PCB	EPA 8082	33		33																32 U		33 U
Inorganics (mg/kg)																						
Aluminum	EPA 6010B			5		8350	15600		15600	12200		11800	14000		10000		12300	11000		10900		7990
Arsenic	EPA 6010B	7.3		5		5 U	6 U		6 U	5 U		5 U	7 U		5 U		5 U	6 U		5 U		5 U
Barium	EPA 6010B	93300		0.3		24.2 J	63 J		61.7 J	43.4		39.2	45.5		32.9		28.7	48.6		41.7		23.7
Beryllium	EPA 6010B	222		0.1		0.1 U	0.2		0.2	0.2		0.2	0.2		0.1		0.2	0.1 U		0.1		0.1
Cadmium	EPA 6010B	1.21		0.2		0.2 UJ	0.2 UJ		0.2 UJ	0.2 U		0.2 U	0.3 U		0.2		0.5	0.2 U		0.2 U		0.2 U
Calcium	EPA 6010B			5		4080	5650		5590	5680		4760	4980		5710		7780	4790		4490		3770
Chromium	EPA 6010B			0.5		12.5	17.7		17.6	15.2		16.3	15.1		13.4		16.4	10.6		18.5		12.2
Cobalt	EPA 6010B			0.3		4.6	6.6		6.4	6.1		5.3	4.8		10.6		35.2	4.1		5.4		4.3
Copper	EPA 6010B	36.4		0.2		9.9	22.2		18.8	16		15.2	19.8		15.6		43.1	17.3		12.6		10.4
Iron	EPA 6010B			5		13700	18400		18200	15900		16400	18400		15100		19500	12000		14300		12700
Lead	EPA 6010B	1000		2		2 U	4		4	4		3	3		11		5	2 U		18		2 U
Magnesium	EPA 6010B			5		2790	4210		4200	3440		3590	2820		3200		4020	2300		3730		2500
Manganese	EPA 6010B	1146		0.1		129	183		179	153		164	171		170		251	99.3		184		119
Mercury	EPA 7471A	0.07		0.05		0.05 UJ	0.06 J		0.06 UJ	0.04 U		0.05 U	0.05 U		0.04 U		0.04	0.06 U		0.04 U		0.04 U
Molybdenum	EPA 6010B	6670		0.5		0.5 U	0.6 U		0.6 U	0.5 U		0.5 U	0.7 U		0.7		0.8	0.7		0.5 U		0.5 U
Nickel	EPA 6010B	47.8		1		9	14		14	12		11	9		12		17	8		16		9.5
Silver	EPA 6010B	0.323		0.3		0.3 U	0.4 U		0.4 U	0.3 U		0.3 U	0.4 U		0.6		1.6	0.4 U		0.3 U		0.3 U
Thallium	EPA 7841	0.669		0.1		0.1	0.2		0.1	0.1 U		0.1 U	0.1 U		0.1 U		0.1 U	0.1 U		0.2		0.1 U
Tin	EPA 6010B			1		1 U	1 U		1 U	1 U		1 U	1 U		1 U		1 U	1 U		1 U		0.9 U
Vanadium	EPA 6010B	9330		0.3		41.2	51		47.2	45.3		46.3	51		46.8		57.2	45.5		41.8		43.1
Zinc	EPA 6010B	101		1		26	43		41	35		32	24		33		36	29		42		24.4
Cyanide	EPA 335.2	0.202		0.05		0.051 U	0.066 U		0.061 U	0.054 U		0.057 U	0.065 U		0.076		0.358	0.341				
Chromium(VI)	SM3500CrD	19.2		0.4																		
Total Solids (%)	EPA 160.3			0.01		96.1	71.8		80.7	89.5		84.5	76.3		95.1		89.6	77.6				
Total Organic Carbon (%)	Plumb 1981			0.02																		
Petroleum Hydrocarbons (mg/kg)																						
TPH - Gasoline Range	NWTPH-Gx	30		5																		
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000		5																		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000		10																		

Table 5-1b:
2-40s Area Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Location:	Laboratory RL	2-40-DP-098 4 - 5 2-40-DP-98-04-S-0 Reextract 6/12/2008	2-40-DP-098 9 - 10 2-40-DP-98-09-S-0 6/12/2008	2-40-DP-098 9 - 10 2-40-DP-98-09-S-0 Reextract 6/12/2008	2-40-DP-099 0 - 1 2-40-DP-99-01-S-0 6/12/2008	2-40-DP-099 0 - 1 2-40-DP-99-01-S-0 Reextract 6/12/2008	2-40-DP-099 4 - 5 2-40-DP-99-04-S-0 6/12/2008	2-40-DP-099 4 - 5 2-40-DP-99-04-S-0 Reextract 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 Reanalysis 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 Reextract 6/12/2008	2-40-DP-100 0 - 1 2-40-DP-100-01-S-0 6/6/2008	2-40-DP-100 4 - 5 2-40-DP-100-04-S-0 6/6/2008	2-40-DP-100 9 - 10 2-40-DP-100-09-S-0 6/6/2008	2-40-DP-101 0 - 1 2-40-DP-101-01-S-0 6/4/2008	2-40-DP-101 4 - 5 2-40-DP-101-04-S-0 6/4/2008	2-40-DP-101 9 - 10 2-40-DP-101-09-S-0 6/4/2008	2-40-DP-101 9 - 10 2-40-DP-101-09-S-0 Reanalysis 6/4/2008
Depth (ft bgs):																					
Sample ID:																					
Date:																					
VOCs (µg/kg)																					
Vinyl Chloride	EPA 8260B	4.59		1		1.1 UJ		1.1 UJ		1.2 UJ		1.3 UJ	1.2 UJ		1.2 UJ	1.5 UJ	1.1 UJ	1.1 U	1.2 U	1.2 U	1 UJ
Methylene Chloride	EPA 8260B	828		2		2.2 U		2.2 U		3.6 U		2.6 U	2.5 U		2.3 U	3 U	2.2 U	2.8 U	2.3 U	2.8 U	2.8 U
Acetone	EPA 8260B	355000		5		64		60		20 U		66	56		53	20	84	71 U	32 U	46 U	72
Carbon Disulfide	EPA 8260B	3640		1		1.4		1.1 U		1.2 U		4.7	5		1.2 U	1.5 U	7.5	1.1 U	1.2 U	1.2 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930		1		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U		1.2 U	1.5 U	1.1 U	2.4	1.4	1.2 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794		1		2.2		1.1 U		1.2 U		20	13		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
Chloroform	EPA 8260B	140		1		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
2-Butanone	EPA 8260B	802000		5		12		5.4 U		6.3 U		11	9.8		5.9 U	7.4 U	13	5.8	5.8 U	5.9 U	6.1
Trichloroethene	EPA 8260B	2		1		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U		1.2 U	1.5 U	1.1 U	3.6	2.2	4 J	3.3
Benzene	EPA 8260B	25.3		1		3		1.1 U		1.2 U		3.4	1.3		1.2 U	1.5 U	4.4	1.1 U	1.2 U	1.2 U	1 U
Methyl isobutyl ketone	EPA 8260B	35500		5		5.5 U		5.4 U		6.3 U		6.4 U	6.3 U		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U
Tetrachloroethene	EPA 8260B	8.72		1		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
Toluene	EPA 8260B	109000		1		1.1 U		1.1 U		1.2 U		1.8	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
Ethylbenzene	EPA 8260B	18100		1		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
Styrene	EPA 8260B	71		1		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
m,p-Xylene	EPA 8260B	2910000000		1		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
o-Xylene	EPA 8260B	143000		1		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
1,4-Dichlorobenzene	EPA 8260B			1		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210		1		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030		1		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
Isopropylbenzene	EPA 8260B	49800		1		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
n-Propylbenzene	EPA 8260B	13600		1		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
sec-Butylbenzene	EPA 8260B	7860		1		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
4-Isopropyltoluene	EPA 8260B			1		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
n-Butylbenzene	EPA 8260B	4640		1		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U
Naphthalene	EPA 8260B	39400		5		5.5 U		5.4 U		6.3 U		6.4 UJ	6.3 U		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U
SVOCs (µg/kg)																					
1,4-Dichlorobenzene	EPA 8270D			67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
4-Methylphenol	EPA 8270D	13100		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Naphthalene	EPA 8270D	39400		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
2-Methylnaphthalene	EPA 8270D			67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Acenaphthylene	EPA 8270D			67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Acenaphthene	EPA 8270D	32400		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Dibenzofuran	EPA 8270D			67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Diethylphthalate	EPA 8270D	79300		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Fluorene	EPA 8270D	270000		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Phenanthrene	EPA 8270D			67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Carbazole	EPA 8270D			67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Anthracene	EPA 8270D	6080000		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Fluoranthene	EPA 8270D	44000		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Pyrene	EPA 8270D	1750000		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Benzo(a)anthracene	EPA 8270D	41.9		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Chrysene	EPA 8270D	46.6		67	64 UJ	64 U	63 UJ	63 U	86 J	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Benzo(b)fluoranthene	EPA 8270D	144		67	64 UJ	64 U	63 UJ	63 U	90 J	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Benzo(k)fluoranthene	EPA 8270D	144		67	64 UJ	64 U	63 UJ	63 U	75 J	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Benzo(a)pyrene	EPA 8270D	113		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Indeno(1,2,3-cd)pyrene	EPA 8270D	406		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Dibenz(a,h)anthracene	EPA 8270D	210		67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Benzo(g,h,i)perylene	EPA 8270D			67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
1-Methylnaphthalene	EPA 8270D			67	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U		64 UJ	65 U	63 U	64 U				
Naphthalene	EPA 8270DSIM	39400		5		5 U		4.9 U		4.8 U					7.8	4.8 U	5 U				
2-Methylnaphthalene	EPA 8270DSIM			5		5 U		4.8		4.9 U		4.8 U			4.9	4.8 U	5 U				
1-Methylnaphthalene	EPA 8270DSIM			5		5 U		4.8 U		4.9 U		4.8 U			4.9 U	4.8 U	5 U				
Acenaphthylene	EPA 8270DSIM			5		5 U		4.8 U		4.9 U		4.8 U			9.8	4.8 U	5 U				
Acenaphthene	EPA 8270DSIM	32400		5		5 U		4.8 U		4.9 U		5.8			4.9 U	4.8 U	5 U				
Fluorene	EPA 8270DSIM	270000		5		5 U		4.8 U		4.9 U		6.3			6.9	4.8 U	5 U				
Phenanthrene	EPA 8270DSIM			5		12		4.8 U		6.4		20			110	4.8 U	9.4				
Anthracene	EPA 8270DSIM	6080000		5		5 U		4.8 U		4.9 U		4.8 U			18	4.8 U	5 U				
Fluoranthene	EPA 8270DSIM	44000		5		13		4.8 U		13		26			82	4.8 U	5				
Pyrene	EPA 8270DSIM	1750000		5		11		4.8 U		18		18			120	4.8 U	5 U				
Benzo(a)anthracene	EPA 8270DSIM	41.9		5		5 U		4.8 U		9.3		6.3			59	4.8 U	5 U				
Chrysene	EPA 8270DSIM	46.6		5		7.9		4.8 U		13		9.2			80	4.8 U	5 U				
Benzo(b)fluoranthene	EPA 8270DSIM	144		5		5.9		4.8 U		6.4		4.8 U			62	4.8 U	5 U				
Benzo(k)fluoranthene	EPA 8270DSIM	144		5		5.9		4.8 U		5.4		4.8 U			48	4.8 U	5 U				
Benzo(a)pyrene	EPA 8270DSIM	113		5		5 U		4.8 U		9.3		4.8 U			58	4.8 U	5 U				
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406		5		5.9		4.8 U		6.4		4.8 U			41	4.8 U	5 U				
Dibenz(a,h)anthracene	EPA 8270DSIM	210		5		5 U		4.8 U		4.9 U		4.8 U			14	4.8 U	5 U				
Benzo(g,h,i)perylene	EPA 8270DSIM			5		7.9		4.8 U		9.3		9.7			47	4.8 U	5 U				
Dibenzofuran	EPA 8270DSIM			5		5 U		4.8 U		4.9 U		4.8 U			4.9 U	4.8 U	5 U				
PCBs (µg/kg)																					
Aroclor 1248	EPA 8082	33		33		32 U		33 U		33 U		32 U									
Aroclor 1254	EPA 8082	33		33		32 U		33 U		33 U		32 U									
Aroclor 1260	EPA 8082	33		33		32 U		33 U		33 U		32 U									
Aroclor 1262	EPA 8082	33		33		32 U		33 U		33 U		32 U									
Total PCB	EPA 8082	33		33		32 U		33 U		33 U		32 U									
Inorganics (mg/kg)																					
Aluminum	EPA 6010B			5		15200		12300		8440		17400			4070	7720	8140	11100	10800	10200	
Arsenic	EPA 6010B	7.3		5		6 U		5 U		5 U		6 U			5 U	5 U	6 U	5 U	5 U	5 U	
Barium	EPA 6010B	93300		0.3		49.9		39.8		25.5		60.9			14.6	23.1	36.8	38.8	43.5	30.7	
Beryllium	EPA 6010B	222		0.1		0.2		0.1		0.1 U		0.2			0.1 U	0.1	0.1	0.1	0.1	0.1	
Cadmium	EPA 6010B	1.21		0.2		0.2 U		0.2 U		0.2 U		0.3 U			0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Calcium	EPA 6010B			5		5250		5390		3810		5630			1420	3410	2530	4990	5390	4540	
Chromium	EPA 6010B			0.5		16.9		14.2		11		19.1			8.7	14.6	9.6	12.8	12.3	12.7	
Cobalt	EPA 6010B			0.3		5.5		5.7		4.2		7			2.4	4.6	3.6	4.7	4.2	4.5	
Copper	EPA 6010B	36.4		0.2		19.4		14.6		9.9		27.1			4.8	9.5	13.1	12.9	13.7	13	
Iron	EPA 6010B			5		17800		15100		12200		21000			6450	13500	10900	13700	12400	13500	
Lead	EPA 6010B	1000		2		6		4		2 U		7			2 U	2 U	4	5	5	4	
Magnesium	EPA 6010B			5		3900		3250		2560		4600			1800	2670	2130	2950	2630	2690	
Manganese	EPA 6010B	1146		0.1		185		155		122		246			84.8	128	94.8	136	114	127	
Mercury	EPA 7471A	0.07		0.05		0.06		0.04 U		0.04 U		0.06 U			0.04 U	0.05 U	0.18	0.06	0.05 U	0.05 U	
Molybdenum	EPA 6010B	6670		0.5		0.6 U		0.5 U		0.5 U		0.6			0.5 U	0.5 U	0.6 U	0.5	0.5 U	0.5 U	
Nickel	EPA 6010B	47.8		1		12		11		8		14			11	9	8	9	8	9	
Silver	EPA 6010B	0.323		0.3		0.4 U		0.3 U		0.3 U		0.4 U			0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	
Thallium	EPA 7841	0.669		0.1		0.2		0.1 U		0.1 U		0.1			0.1 U	0.1 U	0.1 U	0.1	0.2	0.1	
Tin	EPA 6010B			1		1 U		1 U		1 U		1 U			1 U	1 U	1 U	1 U	1 U	1 U	
Vanadium	EPA 6010B	9330		0.3		50.3		45.8		38.5		55.8			18.3	41.5	31.9	43.3	41.4	42.3	
Zinc	EPA 6010B	101		1		40		33		24		48			13	25	23	41	27	28	
Cyanide	EPA 335.2	0.202		0.05											0.051 U	0.049 U	0.055 U	0.052 U	0.056 U	0.053 U	
Chromium(VI)	SM3500CrD	19.2		0.4																	
Total Solids (%)	EPA 160.3			0.01											97.2	98	88.7	94	87.4	89.3	
Total Organic Carbon (%)	Plumb 1981			0.02																	
Petroleum Hydrocarbons (mg/kg)																					
TPH - Gasoline Range	NWTPH-Gx	30		5																	
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000		5																	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000		10																	

Table 5-1b:
2-40s Area Detected Constituents in Probe Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Location: Depth (ft bgs): Sample ID: Date:	Laboratory RL	2-40-DP-102 0 - 1 2-40-DP-102-01-S-0 5/30/2008	2-40-DP-102 4 - 5 2-40-DP-102-04-S-0 5/30/2008	2-40-DP-102 9 - 10 2-40-DP-102-09-S-0 5/30/2008	2-40-DP-103 0 - 1 2-40-DP-103-01-S-0 7/3/2008	2-40-DP-103 0 - 1 2-40-DP-103-01-S-0 Reanalysis 7/3/2008	2-40-DP-103 4 - 5 2-40-DP-103-04-S-0 7/3/2008	2-40-DP-103 9 - 10 2-40-DP-103-09-S-0 7/3/2008	2-40-DP-103 9 - 10 2-40-DP-103-09-S-0 Reanalysis 7/3/2008	2-40-DP-104 0 - 1 2-40-DP-104-01-S-0 7/7/2008	2-40-DP-104 4 - 5 2-40-DP-104-04-S-0 7/7/2008	2-40-DP-104 9 - 10 2-40-DP-104-09-S-0 7/7/2008	2-40-DP-104 9 - 10 2-40-DP-104-09-S-0 Reanalysis 7/7/2008	2-40-DP-105 0 - 1 2-40-DP-105-01-S-0 6/11/2008	2-40-DP-105 4 - 5 2-40-DP-105-04-S-0 6/11/2008	2-40-DP-105 9 - 10 2-40-DP-105-09-S-0 6/11/2008
VOCs (µg/kg)																			
Vinyl Chloride	EPA 8260B	4.59		1	1.2 UJ	1.4 UJ	1.4 UJ	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 UJ	1.1 UJ	1.3 UJ
Methylene Chloride	EPA 8260B	828		2	2.3 U	2.8 U	5.1 U	2.2 UJ	2.1 UJ	2.2 U	2 U	2.1 U	2 U	2 U	2.2 U	3.6 U	2.3 U	2.2 U	2.7 UJ
Acetone	EPA 8260B	355000		5	29	9.5 U	50	28 U	26 U	42 U	17 U	20 U	34	40	120	6.1 U	71	32	98 J
Carbon Disulfide	EPA 8260B	3640		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
trans-1,2-Dichloroethene	EPA 8260B	8930		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
cis-1,2-Dichloroethene	EPA 8260B	794		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Chloroform	EPA 8260B	140		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
2-Butanone	EPA 8260B	802000		5	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U	5.1 U	5.3 U	5 U	4.9 U	21	6.1 U	5.8 U	5.6 U	20 J
Trichloroethene	EPA 8260B	2		1	3.1	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Benzene	EPA 8260B	25.3		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	2.3	1 U	1.1 U	1 U	3	9.2	1.2 U	1.2 U	1.1 U	6.2 J
Methyl isobutyl ketone	EPA 8260B	35500		5	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U	5.1 U	5.3 U	5 U	4.9 U	5.6 U	6.1 U	5.8 U	5.6 U	6.7 UJ
Tetrachloroethene	EPA 8260B	8.72		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Toluene	EPA 8260B	109000		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	4.9	1.2 U	1.2 U	1.1 U	1.6 J
Ethylbenzene	EPA 8260B	18100		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Styrene	EPA 8260B	71		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
m,p-Xylene	EPA 8260B	2910000000		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
o-Xylene	EPA 8260B	143000		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,4-Dichlorobenzene	EPA 8260B			1	1.2 U	1.4 U	1.4 U	1.8 J	1.1 J	1.1 U	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
1,3,5-Trimethylbenzene	EPA 8260B	4210		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
1,2,4-Trimethylbenzene	EPA 8260B	4030		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
Isopropylbenzene	EPA 8260B	49800		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
n-Propylbenzene	EPA 8260B	13600		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
sec-Butylbenzene	EPA 8260B	7860		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
4-Isopropyltoluene	EPA 8260B			1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
n-Butylbenzene	EPA 8260B	4640		1	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U	1 U	1.1 U	1 U	1 U	1.2 J	1.2 U	1.2 U	1.1 U	1.3 UJ
Naphthalene	EPA 8260B	39400		5	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U	5.1 U	5.3 U	5 U	4.9 U	5.6 UJ	6.1 U	5.8 U	5.6 U	6.7 UJ
SVOCs (µg/kg)																			
1,4-Dichlorobenzene	EPA 8270D			67															
4-Methylphenol	EPA 8270D	13100		67															
Naphthalene	EPA 8270D	39400		67															
2-Methylnaphthalene	EPA 8270D			67															
Acenaphthylene	EPA 8270D			67															
Acenaphthene	EPA 8270D	32400		67															
Dibenzofuran	EPA 8270D			67															
Diethylphthalate	EPA 8270D	79300		67															
Fluorene	EPA 8270D	270000		67															
Phenanthrene	EPA 8270D			67															
Carbazole	EPA 8270D			67															
Anthracene	EPA 8270D	6080000		67															
Fluoranthene	EPA 8270D	44000		67															
Pyrene	EPA 8270D	1750000		67															
Benzo(a)anthracene	EPA 8270D	41.9		67															
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570		67															
Chrysene	EPA 8270D	46.6		67															
Benzo(b)fluoranthene	EPA 8270D	144		67															
Benzo(k)fluoranthene	EPA 8270D	144		67															
Benzo(a)pyrene	EPA 8270D	113		67															
Indeno(1,2,3-cd)pyrene	EPA 8270D	406		67															
Dibenz(a,h)anthracene	EPA 8270D	210		67															
Benzo(g,h,i)perylene	EPA 8270D			67															
1-Methylnaphthalene	EPA 8270D			67															
Naphthalene	EPA 8270DSIM	39400		5															
2-Methylnaphthalene	EPA 8270DSIM			5															
1-Methylnaphthalene	EPA 8270DSIM			5															
Acenaphthylene	EPA 8270DSIM			5															
Acenaphthene	EPA 8270DSIM	32400		5															
Fluorene	EPA 8270DSIM	270000		5															
Phenanthrene	EPA 8270DSIM			5															
Anthracene	EPA 8270DSIM	6080000		5															
Fluoranthene	EPA 8270DSIM	44000		5															
Pyrene	EPA 8270DSIM	1750000		5															
Benzo(a)anthracene	EPA 8270DSIM	41.9		5															
Chrysene	EPA 8270DSIM	46.6		5															
Benzo(b)fluoranthene	EPA 8270DSIM	144		5															
Benzo(k)fluoranthene	EPA 8270DSIM	144		5															
Benzo(a)pyrene	EPA 8270DSIM	113		5															
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406		5															
Dibenz(a,h)anthracene	EPA 8270DSIM	210		5															
Benzo(g,h,i)perylene	EPA 8270DSIM			5															
Dibenzofuran	EPA 8270DSIM			5															
PCBs (µg/kg)																			
Aroclor 1248	EPA 8082	33		33													33 U	33 U	32 U
Aroclor 1254	EPA 8082	33		33													33 U	33 U	32 U
Aroclor 1260	EPA 8082	33		33													33 U	33 U	32 U
Aroclor 1262	EPA 8082	33		33													33 U	33 U	32 U
Total PCB	EPA 8082	33		33													33 U	33 U	32 U
Inorganics (mg/kg)																			
Aluminum	EPA 6010B			5	10400	7720	14600	9370		8550	7150		12800	10300	13100		15700	9130	23900
Arsenic	EPA 6010B	7.3		5	5 U	5 U	6 U	5 U		5 U	5 U		5 U	5 U	6 U		5 U	5 U	11
Barium	EPA 6010B	93300		0.3	38.4	20	44.7	38.9		27.4	18.7		46.7	30.8	67.5		54.9	32.2	82.9
Beryllium	EPA 6010B	222		0.1	0.1	0.1 U	0.2	0.1		0.1	0.1 U		0.2	0.1	0.2		0.2	0.1	0.4
Cadmium	EPA 6010B	1.21		0.2	0.6	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	0.2 U	0.3		0.2 U	0.2 U	0.3 U
Calcium	EPA 6010B			5	5670	3960	4980	5850		4180	3700		4070	4480	6770		6390	4220	6410
Chromium	EPA 6010B			0.5	15.6	11.1	14.5	14.5		11.3	10.2		29	12.5	26.6		19.7	11.5	27.5
Cobalt	EPA 6010B			0.3	6.4	4	4.9	4.9		3.5	2.7		9.4	3.3	4.9		6.2	4.6	9.9
Copper	EPA 6010B	36.4		0.2	21.3	8.5	20	13.2		17.3	8.6		11.8	13.8	27		23.1	11.2	42
Iron	EPA 6010B			5	13500	12200	14400	13400		10800	9090		15500	11500	16100		15600	12900	27900
Lead	EPA 6010B	1000		2	44	2	5	4		5	2 U		3	4	78		9	3	13
Magnesium	EPA 6010B			5	2680	2450	3060	3080		2020	1610		6300	2250	2770		4230	2700	6750
Manganese	EPA 6010B	1146		0.1	141	123	162	199		103	74.3		265	113	273		191	126	303
Mercury	EPA 7471A	0.07		0.05	0.05 U	0.04 U	0.16	0.04 U		0.04 U	0.04 U		0.04 U	0.05 U	0.09		0.05	0.04 U	0.13
Molybdenum	EPA 6010B	6670		0.5	2.3	0.5 U	0.7	0.9		0.5 U	0.5 U		0.6	0.7	6.2		0.5 U	0.5 U	0.8 U
Nickel	EPA 6010B	47.8		1	10	8	11	13		7	5		38	8	14		17	9	22
Silver	EPA 6010B	0.323		0.3	0.3 U	0.3 U	0.4 U	0.3 U		0.3 U	0.3 U		0.3 U	0.3 U	0.3 U		0.3 U	0.3 U	0.5 U
Thallium	EPA 7841	0.669		0.1	0.1 U	0.1 U	0.1 U	0.1		0.1 U	0.1 U		0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.2
Tin	EPA 6010B			1	1 U	1 U	1 U	1 U		1 U	1 U		1 U	1 U	1 U		1 U	1 U	2 U
Vanadium	EPA 6010B	9330		0.3	44.2	42.2	47.2	37.7		39.3	39.9		37.5	43.2	47		48.3	41.3	77.8
Zinc	EPA 6010B	101		1	60	23	43	40		22	18		30	25	51		56	28	66
Cyanide	EPA 335.2	0.202		0.05	0.051 U	0.05 U	0.062 U	0.051 U		0.054 U	0.052 U		0.051 U	0.059	0.147		0.117	0.049 U	0.101
Chromium(VI)	SM3500CrD	19.2		0.4															
Total Solids (%)	EPA 160.3			0.01	91.8	97.1	76.1	95.9		92.3	93.4		96.6	94.6	84.1		79.4	95.4	63.3
Total Organic Carbon (%)	Plumb 1981			0.02															
Petroleum Hydrocarbons (mg/kg)																			
TPH - Gasoline Range	NWTPH-Gx	30		5															
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000		5															
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000		10															

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 R1 7/10/2008	PL2-420B 4 - 5 2-40-PL2-420B-S-04-0 7/10/2008	PL2-420B 9 - 10 2-40-PL2-420B-S-09-0 7/10/2008	PL2-425B 0 - 1 2-40-PL2-425B-S-01-0 7/14/2008	PL2-425B 4 - 5 2-40-PL2-425B-S-04-0 7/14/2008	PL2-425B 9 - 10 2-40-PL2-425B-S-09-0 7/14/2008
VOCs (µg/kg)										
Vinyl Chloride	EPA 8260B	4.59	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
Methylene Chloride	EPA 8260B	828	2	2.2 U	1.9 U	2.3 U	2.2 U	3.7 U	3.6 U	3.6 U
Acetone	EPA 8260B	355000	5	29 J	48	45	17	43	31	19
Carbon Disulfide	EPA 8260B	3640	1	1 U	1 U	1.2 U	1.1 U	2.5	1.3 U	1.3 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
cis-1,2-Dichloroethene	EPA 8260B	794	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
Chloroform	EPA 8260B	140	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
2-Butanone	EPA 8260B	802000	5	5 U	6.6	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U
Trichloroethene	EPA 8260B	2	1	6.3 J	9.4	16	11	1.1 U	1.3 U	1.3 U
Benzene	EPA 8260B	25.3	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
Methyl isobutyl ketone	EPA 8260B	35500	5	5 U	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U
Tetrachloroethene	EPA 8260B	8.72	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
Toluene	EPA 8260B	109000	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
Ethylbenzene	EPA 8260B	18100	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
Styrene	EPA 8260B	71	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
m,p-Xylene	EPA 8260B	2910000000	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
o-Xylene	EPA 8260B	143000	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
1,4-Dichlorobenzene	EPA 8260B		1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
Isopropylbenzene	EPA 8260B	49800	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
n-Propylbenzene	EPA 8260B	13600	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
sec-Butylbenzene	EPA 8260B	7860	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
4-Isopropyltoluene	EPA 8260B		1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
n-Butylbenzene	EPA 8260B	4640	1	1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U
Naphthalene	EPA 8260B	39400	5	5 UJ	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U
SVOCs (µg/kg)										
1,4-Dichlorobenzene	EPA 8270D		67							
4-Methylphenol	EPA 8270D	13100	67							
Naphthalene	EPA 8270D	39400	67							
2-Methylnaphthalene	EPA 8270D		67							
Acenaphthylene	EPA 8270D		67							
Acenaphthene	EPA 8270D	32400	67							
Dibenzofuran	EPA 8270D		67							
Diethylphthalate	EPA 8270D	79300	67							
Fluorene	EPA 8270D	270000	67							
Phenanthrene	EPA 8270D		67							
Carbazole	EPA 8270D		67							
Anthracene	EPA 8270D	6080000	67							
Fluoranthene	EPA 8270D	44000	67							
Pyrene	EPA 8270D	1750000	67							
Benzo(a)anthracene	EPA 8270D	41.9	67							
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67							
Chrysene	EPA 8270D	46.6	67							
Benzo(b)fluoranthene	EPA 8270D	144	67							
Benzo(k)fluoranthene	EPA 8270D	144	67							
Benzo(a)pyrene	EPA 8270D	113	67							
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67							
Dibenz(a,h)anthracene	EPA 8270D	210	67							
Benzo(g,h,i)perylene	EPA 8270D		67							
1-Methylnaphthalene	EPA 8270D		67							
Naphthalene	EPA 8270DSIM	39400	5							
2-Methylnaphthalene	EPA 8270DSIM		5							
1-Methylnaphthalene	EPA 8270DSIM		5							
Acenaphthylene	EPA 8270DSIM		5							
Acenaphthene	EPA 8270DSIM	32400	5							
Fluorene	EPA 8270DSIM	270000	5							
Phenanthrene	EPA 8270DSIM		5							
Anthracene	EPA 8270DSIM	6080000	5							

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 R1 7/10/2008	PL2-420B 4 - 5 2-40-PL2-420B-S-04-0 7/10/2008	PL2-420B 9 - 10 2-40-PL2-420B-S-09-0 7/10/2008	PL2-425B 0 - 1 2-40-PL2-425B-S-01-0 7/14/2008	PL2-425B 4 - 5 2-40-PL2-425B-S-04-0 7/14/2008	PL2-425B 9 - 10 2-40-PL2-425B-S-09-0 7/14/2008
Fluoranthene	EPA 8270DSIM	44000	5							
Pyrene	EPA 8270DSIM	1750000	5							
Benzo(a)anthracene	EPA 8270DSIM	41.9	5							
Chrysene	EPA 8270DSIM	46.6	5							
Benzo(b)fluoranthene	EPA 8270DSIM	144	5							
Benzo(k)fluoranthene	EPA 8270DSIM	144	5							
Benzo(a)pyrene	EPA 8270DSIM	113	5							
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5							
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5							
Benzo(g,h,i)perylene	EPA 8270DSIM		5							
Dibenzofuran	EPA 8270DSIM		5							
PCBs (µg/kg)										
Aroclor 1248	EPA 8082	33	33							
Aroclor 1254	EPA 8082	33	33							
Aroclor 1260	EPA 8082	33	33							
Aroclor 1262	EPA 8082	33	33							
Total PCB	EPA 8082	33	33							
Inorganics (mg/kg)										
Aluminum	EPA 6010B		5	12200		14000	16200	13600	9790	9410
Arsenic	EPA 6010B	7.3	5	5 U		5 U	6 U	5 U	5 U	5 U
Barium	EPA 6010B	93300	0.3	44.6		49.4	55	63.2	32.5	22.7
Beryllium	EPA 6010B	222	0.1	0.2		0.2	0.2	0.2	0.1	0.1 U
Cadmium	EPA 6010B	1.21	0.2	1		0.2 U	0.3 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		5	9990		5290	6380	4480	4600	4240
Chromium	EPA 6010B		0.5	23.6		16.7	18.2	28.2	11.7	11.8
Cobalt	EPA 6010B		0.3	6		5.5	5.4	6.4	3.5	2.5
Copper	EPA 6010B	36.4	0.2	18.7		19.4	20.3	12	11.6	10.3
Iron	EPA 6010B		5	16600		18100	15600	15700	11200	9560
Lead	EPA 6010B	1000	2	11		5	4	3	3	2 U
Magnesium	EPA 6010B		5	4620		3770	4400	5930	2120	1830
Manganese	EPA 6010B	1146	0.1	192		171	167	554	122	76.4
Mercury	EPA 7471A	0.07	0.05	0.04 U		0.04 U	0.06 U	0.04 U	0.04 U	0.05 U
Molybdenum	EPA 6010B	6670	0.5	1.2		0.9	1	0.5	0.7	0.7
Nickel	EPA 6010B	47.8	1	19		13	16	38	7	6
Silver	EPA 6010B	0.323	0.3	0.3 U		0.3 U	0.4 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669	0.1	0.1 U		0.1 U	0.1	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1	1 U		1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3	53.2		54.6	53.6	37.9	42.3	42.7
Zinc	EPA 6010B	101	1	46		39	35	31	24	19
Cyanide	EPA 335.2	0.202	0.05							
Chromium(VI)	SM3500CrD	19.2	0.4							
Total Solids (%)	EPA 160.3		0.01							
Total Organic Carbon (%)	Plumb 1981		0.02							
Petroleum Hydrocarbons (mg/kg)										
TPH - Gasoline Range	NWTPH-Gx	30	5							
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5							
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10							

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-435B 0 - 1 2-40-PL2-435B-S-01-0 7/11/2008	PL2-435B 4 - 5 2-40-PL2-435B-S-04-0 7/11/2008	PL2-435B 4 - 5 2-40-PL2-435B-S-04-0 R1 7/11/2008	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 7/11/2008	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 R1 7/11/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 DL 7/9/2008
VOCs (µg/kg)										
Vinyl Chloride	EPA 8260B	4.59	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
Methylene Chloride	EPA 8260B	828	2	2.2 U	3.3 U	2.6 U	2.6 U	3.5 U	4.8 U	
Acetone	EPA 8260B	355000	5	29 J	170	100 J	98	130 J	140	
Carbon Disulfide	EPA 8260B	3640	1	1 U	1.2	1.3 U	1.3 U	3.9 J	1.7 U	
trans-1,2-Dichloroethene	EPA 8260B	8930	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
cis-1,2-Dichloroethene	EPA 8260B	794	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
Chloroform	EPA 8260B	140	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
2-Butanone	EPA 8260B	802000	5	5 U	8.2	6.5 U	6.4 U	20 J	26	
Trichloroethene	EPA 8260B	2	1	6.3 J	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
Benzene	EPA 8260B	25.3	1	1 U	1.1 U	1.3 U	1.3 U	8.7 J	10	
Methyl isobutyl ketone	EPA 8260B	35500	5	5 U	5.3 U	6.5 U	6.4 U	8.7 U	8.4 U	
Tetrachloroethene	EPA 8260B	8.72	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
Toluene	EPA 8260B	109000	1	1 U	1.1 U	1.3 U	1.3 U	2.1 J	2.3	
Ethylbenzene	EPA 8260B	18100	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
Styrene	EPA 8260B	71	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
m,p-Xylene	EPA 8260B	2910000000	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
o-Xylene	EPA 8260B	143000	1	1 U	1.1 U	1.3 U	1.3 U	1.8 U	1.7 U	
1,4-Dichlorobenzene	EPA 8260B		1	1 U	1.1 U	1.3 U	1.3 U	1.8 UJ	1.7 UJ	
1,3,5-Trimethylbenzene	EPA 8260B	4210	1	1 U	1.1 U	1.3 U	1.3 U	1.8 UJ	1.7 UJ	
1,2,4-Trimethylbenzene	EPA 8260B	4030	1	1 U	1.1 U	1.3 U	1.3 U	1.8 UJ	1.7 UJ	
Isopropylbenzene	EPA 8260B	49800	1	1 U	1.1 U	1.3 U	1.3 U	1.8 UJ	1.7 UJ	
n-Propylbenzene	EPA 8260B	13600	1	1 U	1.1 U	1.3 U	1.3 U	1.8 UJ	1.7 UJ	
sec-Butylbenzene	EPA 8260B	7860	1	1 U	1.1 U	1.3 U	1.3 U	1.8 UJ	1.7 UJ	
4-Isopropyltoluene	EPA 8260B		1	1 U	1.1 U	1.3 U	1.3 U	1.8 UJ	1.7 UJ	
n-Butylbenzene	EPA 8260B	4640	1	1 U	1.1 U	1.3 U	1.3 U	1.8 UJ	1.7 UJ	
Naphthalene	EPA 8260B	39400	5	5 UJ	5.3 U	6.5 U	6.4 U	8.7 UJ	8.4 UJ	
SVOCs (µg/kg)										
1,4-Dichlorobenzene	EPA 8270D		67							1300 U
4-Methylphenol	EPA 8270D	13100	67							1300 U
Naphthalene	EPA 8270D	39400	67							58000
2-Methylnaphthalene	EPA 8270D		67							9000
Acenaphthylene	EPA 8270D		67							5000
Acenaphthene	EPA 8270D	32400	67							24000
Dibenzofuran	EPA 8270D		67							4200
Diethylphthalate	EPA 8270D	79300	67							1300 U
Fluorene	EPA 8270D	270000	67							12000
Phenanthrene	EPA 8270D		67							68000
Carbazole	EPA 8270D		67							3200
Anthracene	EPA 8270D	6080000	67							16000
Fluoranthene	EPA 8270D	44000	67							50000
Pyrene	EPA 8270D	1750000	67							60000
Benzo(a)anthracene	EPA 8270D	41.9	67							20000
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67							1300 U
Chrysene	EPA 8270D	46.6	67							21000
Benzo(b)fluoranthene	EPA 8270D	144	67							12000
Benzo(k)fluoranthene	EPA 8270D	144	67							15000
Benzo(a)pyrene	EPA 8270D	113	67							19000
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67							8200
Dibenz(a,h)anthracene	EPA 8270D	210	67							2200
Benzo(g,h,i)perylene	EPA 8270D		67							8900
1-Methylnaphthalene	EPA 8270D		67							13000
Naphthalene	EPA 8270DSIM	39400	5							45000
2-Methylnaphthalene	EPA 8270DSIM		5							7300
1-Methylnaphthalene	EPA 8270DSIM		5							15000
Acenaphthylene	EPA 8270DSIM		5							5800
Acenaphthene	EPA 8270DSIM	32400	5							52000
Fluorene	EPA 8270DSIM	270000	5							27000
Phenanthrene	EPA 8270DSIM		5							160000
Anthracene	EPA 8270DSIM	6080000	5							39000

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-435B 0 - 1 2-40-PL2-435B-S-01-0 7/11/2008	PL2-435B 4 - 5 2-40-PL2-435B-S-04-0 7/11/2008	PL2-435B 4 - 5 2-40-PL2-435B-S-04-0 R1 7/11/2008	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 7/11/2008	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 R1 7/11/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 DL 7/9/2008
Fluoranthene	EPA 8270DSIM	44000	5							120000
Pyrene	EPA 8270DSIM	1750000	5							150000
Benzo(a)anthracene	EPA 8270DSIM	41.9	5							47000
Chrysene	EPA 8270DSIM	46.6	5							48000
Benzo(b)fluoranthene	EPA 8270DSIM	144	5							32000
Benzo(k)fluoranthene	EPA 8270DSIM	144	5							37000
Benzo(a)pyrene	EPA 8270DSIM	113	5							45000
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5							20000
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5							6200
Benzo(g,h,i)perylene	EPA 8270DSIM		5							22000
Dibenzofuran	EPA 8270DSIM		5							4700
PCBs (µg/kg)										
Aroclor 1248	EPA 8082	33	33							
Aroclor 1254	EPA 8082	33	33							
Aroclor 1260	EPA 8082	33	33							
Aroclor 1262	EPA 8082	33	33							
Total PCB	EPA 8082	33	33							
Inorganics (mg/kg)										
Aluminum	EPA 6010B		5	12200	9450	12600		25700		
Arsenic	EPA 6010B	7.3	5	5 U	5 U	5 U		11		
Barium	EPA 6010B	93300	0.3	44.6	31.5	52.2		96.4		
Beryllium	EPA 6010B	222	0.1	0.2	0.1	0.2		0.5		
Cadmium	EPA 6010B	1.21	0.2	1	0.2 U	0.2 U		0.5		
Calcium	EPA 6010B		5	9990	4350	4870		7110		
Chromium	EPA 6010B		0.5	23.6	12.5	14		29.7		
Cobalt	EPA 6010B		0.3	6	5.2	5.6		10.2		
Copper	EPA 6010B	36.4	0.2	18.7	10.3	16.4		48.7		
Iron	EPA 6010B		5	16600	13500	15300		29700		
Lead	EPA 6010B	1000	2	11	2	3		17		
Magnesium	EPA 6010B		5	4620	2850	3250		7300		
Manganese	EPA 6010B	1146	0.1	192	185	156		361		
Mercury	EPA 7471A	0.07	0.05	0.04 U	0.04 U	0.05 U		0.13		
Molybdenum	EPA 6010B	6670	0.5	1.2	0.8	0.8		1.3		
Nickel	EPA 6010B	47.8	1	19	11	12		24		
Silver	EPA 6010B	0.323	0.3	0.3 U	0.3 U	0.3 U		0.5 U		
Thallium	EPA 7841	0.669	0.1	0.1 U	0.1	0.1 U		0.2		
Tin	EPA 6010B		1	1 U	1 U	1 U		2		
Vanadium	EPA 6010B	9330	0.3	53.2	43.4	47.1		80.9		
Zinc	EPA 6010B	101	1	46	27	32		75		
Cyanide	EPA 335.2	0.202	0.05		0.051 U	0.054 U		0.276		
Chromium(VI)	SM3500CrD	19.2	0.4							
Total Solids (%)	EPA 160.3		0.01		97.1	92.7		62.1		
Total Organic Carbon (%)	Plumb 1981		0.02							
Petroleum Hydrocarbons (mg/kg)										
TPH - Gasoline Range	NWTPH-Gx	30	5							
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5							
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10							

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 DL 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 7/9/2008	PL2-440B 9 - 10 2-40-PL2-440B-S-09-0 7/9/2008	PL2-441B 0 - 1 2-40-PL2-441B-S-01-0 7/15/2008	PL2-441B 4 - 5 2-40-PL2-441B-S-04-0 7/15/2008
VOCs (µg/kg)										
Vinyl Chloride	EPA 8260B	4.59	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
Methylene Chloride	EPA 8260B	828	2	2.2 U	710 U		1100 U	2.1 U	2.6 U	2.7 U
Acetone	EPA 8260B	355000	5	29 J	1000 U		1400 U	19	64 J	22 U
Carbon Disulfide	EPA 8260B	3640	1	1 U	210 U		280 U	3	1.1 U	1.1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
Chloroform	EPA 8260B	140	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
2-Butanone	EPA 8260B	802000	5	5 U	1000 U		1400 U	5.4 U	9.2	5.7 U
Trichloroethene	EPA 8260B	2	1	6.3 J	210 U		280 U	1.1 U	1.1 U	1.1 U
Benzene	EPA 8260B	25.3	1	1 U	730		280 U	1.3	1.1 U	1.1 U
Methyl isobutyl ketone	EPA 8260B	35500	5	5 U	1000 U		1400 U	5.4 U	5.3 U	5.7 U
Tetrachloroethene	EPA 8260B	8.72	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
Toluene	EPA 8260B	109000	1	1 U	840		280 U	1.1 U	1.6	1.1 U
Ethylbenzene	EPA 8260B	18100	1	1 U	410		280 U	1.1 U	1.1 U	1.1 U
Styrene	EPA 8260B	71	1	1 U	210 U		400	1.1 U	1.1 U	1.1 U
m,p-Xylene	EPA 8260B	2910000000	1	1 U	630		300	1.1 U	1.1 U	1.1 U
o-Xylene	EPA 8260B	143000	1	1 U	240		280 U	1.1 U	1.1 U	1.1 U
1,4-Dichlorobenzene	EPA 8260B		1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1	1 U	280		390	1.1 U	1.1 U	1.1 U
Isopropylbenzene	EPA 8260B	49800	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
n-Propylbenzene	EPA 8260B	13600	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
sec-Butylbenzene	EPA 8260B	7860	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
4-Isopropyltoluene	EPA 8260B		1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
n-Butylbenzene	EPA 8260B	4640	1	1 U	210 U		280 U	1.1 U	1.1 U	1.1 U
Naphthalene	EPA 8260B	39400	5	5 UJ	21000		24000	5.4 U	5.3 U	5.7 U
SVOCs (µg/kg)										
1,4-Dichlorobenzene	EPA 8270D		67		330 U	1900 U	480 U	60 U		
4-Methylphenol	EPA 8270D	13100	67		330 U	1900 U	480 U	60 U		
Naphthalene	EPA 8270D	39400	67		38000 E	82000	58000 E	60 U		
2-Methylnaphthalene	EPA 8270D		67		7300	67000	53000 E	60 U		
Acenaphthylene	EPA 8270D		67		3700	4200	3800	60 U		
Acenaphthene	EPA 8270D	32400	67		17000	1900 U	940	60 U		
Dibenzofuran	EPA 8270D		67		3400	39000	32000	60 U		
Diethylphthalate	EPA 8270D	79300	67		330 U	1900 U	480 U	60 U		
Fluorene	EPA 8270D	270000	67		9800	1900 U	940	60 U		
Phenanthrene	EPA 8270D		67		46000 E	120000	88000 E	60 U		
Carbazole	EPA 8270D		67		2600	8200	7400	60 U		
Anthracene	EPA 8270D	6080000	67		13000	7500	6700	60 U		
Fluoranthene	EPA 8270D	44000	67		35000 E	76000	62000 E	60 U		
Pyrene	EPA 8270D	1750000	67		43000 E	61000	48000 E	60 U		
Benzo(a)anthracene	EPA 8270D	41.9	67		16000	22000	20000	60 U		
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		330 U	1900 U	480 U	60 U		
Chrysene	EPA 8270D	46.6	67		17000	24000	21000	60 U		
Benzo(b)fluoranthene	EPA 8270D	144	67		12000	18000	17000	60 U		
Benzo(k)fluoranthene	EPA 8270D	144	67		12000	16000	17000	60 U		
Benzo(a)pyrene	EPA 8270D	113	67		16000	9600	8800	60 U		
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		6300	8400	7300	60 U		
Dibenz(a,h)anthracene	EPA 8270D	210	67		2600	2500	3100	60 U		
Benzo(g,h,i)perylene	EPA 8270D		67		6500	7000	5800	60 U		
1-Methylnaphthalene	EPA 8270D		67		11000	98000	74000 E	60 U		
Naphthalene	EPA 8270DSIM	39400	5		44000	95000	92000	14		
2-Methylnaphthalene	EPA 8270DSIM		5		7400	94000	99000	6.7		
1-Methylnaphthalene	EPA 8270DSIM		5		16000	140000	150000	9.5		
Acenaphthylene	EPA 8270DSIM		5		6300	3800 U	5700	4.8 U		
Acenaphthene	EPA 8270DSIM	32400	5		53000	3800 U	1500 U	4.8 U		
Fluorene	EPA 8270DSIM	270000	5		26000	3800 U	1500 U	4.8 U		
Phenanthrene	EPA 8270DSIM		5		150000 E	230000	230000 E	12		
Anthracene	EPA 8270DSIM	6080000	5		39000	3800 U	8900	4.8 U		

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 DL 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 7/9/2008	PL2-440B 9 - 10 2-40-PL2-440B-S-09-0 7/9/2008	PL2-441B 0 - 1 2-40-PL2-441B-S-01-0 7/15/2008	PL2-441B 4 - 5 2-40-PL2-441B-S-04-0 7/15/2008
Fluoranthene	EPA 8270DSIM	44000	5		130000 E	140000	160000 E	8.6		
Pyrene	EPA 8270DSIM	1750000	5		130000 E	110000	110000	7.6		
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		46000	45000	48000	4.8 U		
Chrysene	EPA 8270DSIM	46.6	5		46000	45000	49000	4.8 U		
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		30000	37000	40000	4.8 U		
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		30000	41000	37000	4.8 U		
Benzo(a)pyrene	EPA 8270DSIM	113	5		45000	19000	19000	4.8 U		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		18000	18000	16000	4.8 U		
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		5200	7700	4800	4.8 U		
Benzo(g,h,i)perylene	EPA 8270DSIM		5		19000	17000	14000	4.8 U		
Dibenzofuran	EPA 8270DSIM		5		4800	58000	53000	4.8 U		
PCBs (µg/kg)										
Aroclor 1248	EPA 8082	33	33		5500 U		6200 U	31 U		
Aroclor 1254	EPA 8082	33	33		5500 U		6200 U	31 U		
Aroclor 1260	EPA 8082	33	33		5500 U		6200 U	31 U		
Aroclor 1262	EPA 8082	33	33		5500 U		6200 U	31 U		
Total PCB	EPA 8082	33	33		5500 U		6200 U	31 U		
Inorganics (mg/kg)										
Aluminum	EPA 6010B		5	12200	12600		2910	14900	8990	12400
Arsenic	EPA 6010B	7.3	5	5 U	7		11	7 U	5 U	5 U
Barium	EPA 6010B	93300	0.3	44.6	377		20.7	40.9	36.1	56.7
Beryllium	EPA 6010B	222	0.1	0.2	0.6		0.1 U	0.2	0.1	0.2
Cadmium	EPA 6010B	1.21	0.2	1	0.3 U		1.1	0.3 U	0.2	0.2 U
Calcium	EPA 6010B		5	9990	7430		46700	6430	4980	5240
Chromium	EPA 6010B		0.5	23.6	14.1		12.4	16.3	11.9	14.8
Cobalt	EPA 6010B		0.3	6	8.6		0.4 U	3.9	4.9	4.9
Copper	EPA 6010B	36.4	0.2	18.7	79.4		0.3	19	15.1	17.9
Iron	EPA 6010B		5	16600	10600		21000	12900	13600	15800
Lead	EPA 6010B	1000	2	11	68		107	3 U	8	6
Magnesium	EPA 6010B		5	4620	1380		312	2670	2720	3190
Manganese	EPA 6010B	1146	0.1	192	97.5		137	96.6	168	163
Mercury	EPA 7471A	0.07	0.05	0.04 U	1.18		38	0.05 U	0.04 U	0.05
Molybdenum	EPA 6010B	6670	0.5	1.2	3.8		1	0.8	0.8	0.9
Nickel	EPA 6010B	47.8	1	19	59		1 U	9	10	12
Silver	EPA 6010B	0.323	0.3	0.3 U	0.4 U		0.4 U	0.4 U	0.3 U	0.3 U
Thallium	EPA 7841	0.669	0.1	0.1 U	0.1 U		0.1 U	0.1 U	0.2	0.1 U
Tin	EPA 6010B		1	1 U	4		54	1 U	1 U	1 U
Vanadium	EPA 6010B	9330	0.3	53.2	90.4		9.1	54.2	45.7	50.2
Zinc	EPA 6010B	101	1	46	45		314	34	47	46
Cyanide	EPA 335.2	0.202	0.05		31.3		1130	0.405	0.051 U	0.056 U
Chromium(VI)	SM3500CrD	19.2	0.4							
Total Solids (%)	EPA 160.3		0.01		75.8		65.5	69.7	95.5	85.4
Total Organic Carbon (%)	Plumb 1981		0.02							
Petroleum Hydrocarbons (mg/kg)										
TPH - Gasoline Range	NWTPH-Gx	30	5		66 J		160 J	7.5 U		
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5		460 J		340 J	6.8 U		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10		430 J		300 J	14 U		

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-441B 9 - 10 2-40-PL2-441B-S-09-0 7/15/2008	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 7/14/2008	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 R1 7/14/2008	PL2-442B 4 - 5 2-40-PL2-442B-S-04-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 R1 7/14/2008
VOCs (µg/kg)										
Vinyl Chloride	EPA 8260B	4.59	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
Methylene Chloride	EPA 8260B	828	2	2.2 U	3.6 U	2.4 U	2.6 U	2.2 U	2.2 U	2.3 U
Acetone	EPA 8260B	355000	5	29 J	33	36 J	28	180	23 J	33
Carbon Disulfide	EPA 8260B	3640	1	1 U	1.3 U	3.6 J	1.9	1.1 U	1.1 U	1.1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
Chloroform	EPA 8260B	140	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
2-Butanone	EPA 8260B	802000	5	5 U	6.4 U	5 U	4.9 U	8.7	5.6 U	5.7 U
Trichloroethene	EPA 8260B	2	1	6.3 J	1.3 U	1.6 J	2.1	10	1.1 U	1.4
Benzene	EPA 8260B	25.3	1	1 U	1.3 U	1 U	1.2	1.4	1.1 U	1.1 U
Methyl isobutyl ketone	EPA 8260B	35500	5	5 U	6.4 U	5 U	4.9 U	5.4 U	5.6 U	5.7 U
Tetrachloroethene	EPA 8260B	8.72	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
Toluene	EPA 8260B	109000	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
Ethylbenzene	EPA 8260B	18100	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
Styrene	EPA 8260B	71	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
m,p-Xylene	EPA 8260B	2910000000	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
o-Xylene	EPA 8260B	143000	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
1,4-Dichlorobenzene	EPA 8260B		1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1	1 U	1.5	1 U	1 U	1.1 U	1.1 U	1.1 U
Isopropylbenzene	EPA 8260B	49800	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
n-Propylbenzene	EPA 8260B	13600	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
sec-Butylbenzene	EPA 8260B	7860	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
4-Isopropyltoluene	EPA 8260B		1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
n-Butylbenzene	EPA 8260B	4640	1	1 U	1.3 U	1 U	1 U	1.1 U	1.1 U	1.1 U
Naphthalene	EPA 8260B	39400	5	5 UJ	6.4 U	5 U	4.9 U	5.4 U	5.6 U	5.7 U
SVOCs (µg/kg)										
1,4-Dichlorobenzene	EPA 8270D		67							
4-Methylphenol	EPA 8270D	13100	67							
Naphthalene	EPA 8270D	39400	67							
2-Methylnaphthalene	EPA 8270D		67							
Acenaphthylene	EPA 8270D		67							
Acenaphthene	EPA 8270D	32400	67							
Dibenzofuran	EPA 8270D		67							
Diethylphthalate	EPA 8270D	79300	67							
Fluorene	EPA 8270D	270000	67							
Phenanthrene	EPA 8270D		67							
Carbazole	EPA 8270D		67							
Anthracene	EPA 8270D	6080000	67							
Fluoranthene	EPA 8270D	44000	67							
Pyrene	EPA 8270D	1750000	67							
Benzo(a)anthracene	EPA 8270D	41.9	67							
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67							
Chrysene	EPA 8270D	46.6	67							
Benzo(b)fluoranthene	EPA 8270D	144	67							
Benzo(k)fluoranthene	EPA 8270D	144	67							
Benzo(a)pyrene	EPA 8270D	113	67							
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67							
Dibenz(a,h)anthracene	EPA 8270D	210	67							
Benzo(g,h,i)perylene	EPA 8270D		67							
1-Methylnaphthalene	EPA 8270D		67							
Naphthalene	EPA 8270DSIM	39400	5							
2-Methylnaphthalene	EPA 8270DSIM		5							
1-Methylnaphthalene	EPA 8270DSIM		5							
Acenaphthylene	EPA 8270DSIM		5							
Acenaphthene	EPA 8270DSIM	32400	5							
Fluorene	EPA 8270DSIM	270000	5							
Phenanthrene	EPA 8270DSIM		5							
Anthracene	EPA 8270DSIM	6080000	5							

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-441B 9 - 10 2-40-PL2-441B-S-09-0 7/15/2008	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 7/14/2008	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 R1 7/14/2008	PL2-442B 4 - 5 2-40-PL2-442B-S-04-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 R1 7/14/2008
Fluoranthene	EPA 8270DSIM	44000	5							
Pyrene	EPA 8270DSIM	1750000	5							
Benzo(a)anthracene	EPA 8270DSIM	41.9	5							
Chrysene	EPA 8270DSIM	46.6	5							
Benzo(b)fluoranthene	EPA 8270DSIM	144	5							
Benzo(k)fluoranthene	EPA 8270DSIM	144	5							
Benzo(a)pyrene	EPA 8270DSIM	113	5							
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5							
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5							
Benzo(g,h,i)perylene	EPA 8270DSIM		5							
Dibenzofuran	EPA 8270DSIM		5							
PCBs (µg/kg)										
Aroclor 1248	EPA 8082	33	33			32 U		32 U	32 U	
Aroclor 1254	EPA 8082	33	33			32 U		32 U	32 U	
Aroclor 1260	EPA 8082	33	33			32 U		32 U	32 U	
Aroclor 1262	EPA 8082	33	33			32 U		32 U	32 U	
Total PCB	EPA 8082	33	33			32 U		32 U	32 U	
Inorganics (mg/kg)										
Aluminum	EPA 6010B		5	12200	9700	12900		14200	19200	
Arsenic	EPA 6010B	7.3	5	5 U	6 U	5 U		6 U	7	
Barium	EPA 6010B	93300	0.3	44.6	32	51.3		49.8	74.7	
Beryllium	EPA 6010B	222	0.1	0.2	0.1	0.2		0.2	0.3	
Cadmium	EPA 6010B	1.21	0.2	1	0.2 U	0.2 U		0.2 U	0.3 U	
Calcium	EPA 6010B		5	9990	4900	4310		5480	6380	
Chromium	EPA 6010B		0.5	23.6	10.2	29.1		16.7	22.8	
Cobalt	EPA 6010B		0.3	6	3.7	6.4		5.4	6.9	
Copper	EPA 6010B	36.4	0.2	18.7	10.9	12		18.1	29.9	
Iron	EPA 6010B		5	16600	10400	15800		17400	24300	
Lead	EPA 6010B	1000	2	11	2 U	3		8	7	
Magnesium	EPA 6010B		5	4620	2040	5920		3640	4630	
Manganese	EPA 6010B	1146	0.1	192	92.3	317		177	202	
Mercury	EPA 7471A	0.07	0.05	0.04 U	0.05 U	0.05 U		0.05 U	0.1	
Molybdenum	EPA 6010B	6670	0.5	1.2	0.8	0.6		0.8	0.9	
Nickel	EPA 6010B	47.8	1	19	7	39		13	17	
Silver	EPA 6010B	0.323	0.3	0.3 U	0.3 U	0.3 U		0.3 U	0.4 U	
Thallium	EPA 7841	0.669	0.1	0.1 U	0.1 U	0.1		0.1 U	0.1 U	
Tin	EPA 6010B		1	1 U	1 U	1 U		1 U	1 U	
Vanadium	EPA 6010B	9330	0.3	53.2	38.3	39		51.8	63.5	
Zinc	EPA 6010B	101	1	46	21	29		36	44	
Cyanide	EPA 335.2	0.202	0.05		0.059 U	0.049 U		0.057 U	0.066 U	
Chromium(VI)	SM3500CrD	19.2	0.4							
Total Solids (%)	EPA 160.3		0.01		83.7	96		85.3	72.2	
Total Organic Carbon (%)	Plumb 1981		0.02							
Petroleum Hydrocarbons (mg/kg)										
TPH - Gasoline Range	NWTPH-Gx	30	5			5.3 U		7.3 U	6.8 U	
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5			5.2 U		6.2 U	6.2 U	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10			10 U		12 U	12 U	

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 7/9/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 R1 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 R1 7/9/2008	PL2-443B 9 - 10 2-40-PL2-443B-S-09-0 7/9/2008	PL2-608A 0 - 1 2-40-PL2-608A-S-01-0 7/9/2008
VOCs (µg/kg)										
Vinyl Chloride	EPA 8260B	4.59	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Methylene Chloride	EPA 8260B	828	2	2.2 U	1.7 U	1.7 U	1.8 U	2.1 U	2.4 U	2 U
Acetone	EPA 8260B	355000	5	29 J	32 J	36	46 J	53	100	25 J
Carbon Disulfide	EPA 8260B	3640	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Chloroform	EPA 8260B	140	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
2-Butanone	EPA 8260B	802000	5	5 U	4.3 U	4.2 U	5 J	3.9 U	6.5	5 U
Trichloroethene	EPA 8260B	2	1	6.3 J	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Benzene	EPA 8260B	25.3	1	1 U	1.2 J	0.9	1.2 J	0.8	1.3	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5	5 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
Tetrachloroethene	EPA 8260B	8.72	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Toluene	EPA 8260B	109000	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Ethylbenzene	EPA 8260B	18100	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Styrene	EPA 8260B	71	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
o-Xylene	EPA 8260B	143000	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Isopropylbenzene	EPA 8260B	49800	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
n-Propylbenzene	EPA 8260B	13600	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
4-Isopropyltoluene	EPA 8260B		1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
n-Butylbenzene	EPA 8260B	4640	1	1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Naphthalene	EPA 8260B	39400	5	5 UJ	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
SVOCs (µg/kg)										
1,4-Dichlorobenzene	EPA 8270D		67		58 U		60 U		57 U	
4-Methylphenol	EPA 8270D	13100	67		58 U		60 U		57 U	
Naphthalene	EPA 8270D	39400	67		58 U		60 U		240	
2-Methylnaphthalene	EPA 8270D		67		58 U		60 U		280	
Acenaphthylene	EPA 8270D		67		58 U		60 U		57 U	
Acenaphthene	EPA 8270D	32400	67		58 U		60 U		57 U	
Dibenzofuran	EPA 8270D		67		58 U		60 U		310	
Diethylphthalate	EPA 8270D	79300	67		58 U		60 U		57 U	
Fluorene	EPA 8270D	270000	67		58 U		60 U		57 U	
Phenanthrene	EPA 8270D		67		58 U		60 U		1400	
Carbazole	EPA 8270D		67		58 U		60 U		64	
Anthracene	EPA 8270D	6080000	67		58 U		60 U		57 U	
Fluoranthene	EPA 8270D	44000	67		58 U		60 U		960	
Pyrene	EPA 8270D	1750000	67		58 U		60 U		780	
Benzo(a)anthracene	EPA 8270D	41.9	67		58 U		60 U		320	
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67		190		60 U		57 U	
Chrysene	EPA 8270D	46.6	67		58 U		60 U		340	
Benzo(b)fluoranthene	EPA 8270D	144	67		58 U		60 U		250	
Benzo(k)fluoranthene	EPA 8270D	144	67		58 U		60 U		250	
Benzo(a)pyrene	EPA 8270D	113	67		58 U		60 U		150	
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67		58 U		60 U		150	
Dibenz(a,h)anthracene	EPA 8270D	210	67		58 U		60 U		60	
Benzo(g,h,i)perylene	EPA 8270D		67		58 U		60 U		140	
1-Methylnaphthalene	EPA 8270D		67		58 U		60 U		460	
Naphthalene	EPA 8270DSIM	39400	5		4.9 U		4.8 U		4.6 U	
2-Methylnaphthalene	EPA 8270DSIM		5		4.9 U		4.8 U		4.6 U	
1-Methylnaphthalene	EPA 8270DSIM		5		4.9 U		4.8 U		4.6 U	
Acenaphthylene	EPA 8270DSIM		5		4.9 U		4.8 U		4.6 U	
Acenaphthene	EPA 8270DSIM	32400	5		4.9 U		4.8 U		4.6 U	
Fluorene	EPA 8270DSIM	270000	5		4.9 U		4.8 U		4.6 U	
Phenanthrene	EPA 8270DSIM		5		4.9 U		10		4.6 U	
Anthracene	EPA 8270DSIM	6080000	5		4.9 U		4.8 U		4.6 U	

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 7/9/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 R1 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 R1 7/9/2008	PL2-443B 9 - 10 2-40-PL2-443B-S-09-0 7/9/2008	PL2-608A 0 - 1 2-40-PL2-608A-S-01-0 7/9/2008
Fluoranthene	EPA 8270DSIM	44000	5		5.9		9		4.6 U	
Pyrene	EPA 8270DSIM	1750000	5		5.4		6.2		4.6 U	
Benzo(a)anthracene	EPA 8270DSIM	41.9	5		4.9 U		4.8 U		4.6 U	
Chrysene	EPA 8270DSIM	46.6	5		4.9 U		5.2		4.6 U	
Benzo(b)fluoranthene	EPA 8270DSIM	144	5		4.9 U		4.8		4.6 U	
Benzo(k)fluoranthene	EPA 8270DSIM	144	5		4.9 U		4.8 U		4.6 U	
Benzo(a)pyrene	EPA 8270DSIM	113	5		4.9 U		4.8 U		4.6 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5		4.9 U		4.8 U		4.6 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5		4.9 U		4.8 U		4.6 U	
Benzo(g,h,i)perylene	EPA 8270DSIM		5		4.9 U		4.8 U		4.6 U	
Dibenzofuran	EPA 8270DSIM		5		4.9 U		4.8 U		4.6 U	
PCBs (µg/kg)										
Aroclor 1248	EPA 8082	33	33							
Aroclor 1254	EPA 8082	33	33							
Aroclor 1260	EPA 8082	33	33							
Aroclor 1262	EPA 8082	33	33							
Total PCB	EPA 8082	33	33							
Inorganics (mg/kg)										
Aluminum	EPA 6010B		5	12200	11200		12900		12200	12300
Arsenic	EPA 6010B	7.3	5	5 U	5 U		5 U		6 U	5 U
Barium	EPA 6010B	93300	0.3	44.6	37.8		40.7		37.7	45.8
Beryllium	EPA 6010B	222	0.1	0.2	0.1		0.2		0.2	0.2
Cadmium	EPA 6010B	1.21	0.2	1	0.2 U		0.2 U		0.3	0.2 U
Calcium	EPA 6010B		5	9990	4750		5280		4970	4920
Chromium	EPA 6010B		0.5	23.6	15.6		14.8		14.5	31.8
Cobalt	EPA 6010B		0.3	6	5.1		5.2		4.5	6.1
Copper	EPA 6010B	36.4	0.2	18.7	16.9		15		16.5	11.4
Iron	EPA 6010B		5	16600	16300		16100		16400	15000
Lead	EPA 6010B	1000	2	11	4		5		5	3
Magnesium	EPA 6010B		5	4620	3210		3310		3140	5930
Manganese	EPA 6010B	1146	0.1	192	149		172		123	266
Mercury	EPA 7471A	0.07	0.05	0.04 U	0.04 U		0.05		0.06 U	0.04 U
Molybdenum	EPA 6010B	6670	0.5	1.2	0.7		0.7		0.9	0.5
Nickel	EPA 6010B	47.8	1	19	11		10		10	38
Silver	EPA 6010B	0.323	0.3	0.3 U	0.3 U		0.3 U		0.4 U	0.3 U
Thallium	EPA 7841	0.669	0.1	0.1 U	0.1 U		0.2		0.1 U	0.1
Tin	EPA 6010B		1	1 U	1 U		1 U		1 U	1 U
Vanadium	EPA 6010B	9330	0.3	53.2	48.5		48.5		47.9	38.2
Zinc	EPA 6010B	101	1	46	39		35		32	27
Cyanide	EPA 335.2	0.202	0.05		0.049 U		0.121		0.104	
Chromium(VI)	SM3500CrD	19.2	0.4		0.428 UJ		0.441 UJ		0.856 J	
Total Solids (%)	EPA 160.3		0.01		93		89.2		73	
Total Organic Carbon (%)	Plumb 1981		0.02							
Petroleum Hydrocarbons (mg/kg)										
TPH - Gasoline Range	NWTPH-Gx	30	5							
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5							
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10							

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-608A 0 - 1 2-40-PL2-608A-S-01-0 R1 7/9/2008	PL2-608A 4 - 5 2-40-PL2-608A-S-04-0 7/9/2008	PL2-608A 9 - 10 2-40-PL2-608A-S-09-0 7/9/2008
VOCs (µg/kg)							
Vinyl Chloride	EPA 8260B	4.59	1	1 U	1.1 U	1 U	1 U
Methylene Chloride	EPA 8260B	828	2	2.2 U	2.2 U	3.2 U	2.1 U
Acetone	EPA 8260B	355000	5	29 J	47	37	16
Carbon Disulfide	EPA 8260B	3640	1	1 U	1.9	1 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	8930	1	1 U	1.1 U	1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	794	1	1 U	1.1 U	1 U	1 U
Chloroform	EPA 8260B	140	1	1 U	1.2	1 U	1 U
2-Butanone	EPA 8260B	802000	5	5 U	6.7	5.2 U	5.2 U
Trichloroethene	EPA 8260B	2	1	6.3 J	1.1 U	1 U	1 U
Benzene	EPA 8260B	25.3	1	1 U	1.1 U	1 U	1 U
Methyl isobutyl ketone	EPA 8260B	35500	5	5 U	5.5 U	5.2 U	5.2 U
Tetrachloroethene	EPA 8260B	8.72	1	1 U	1.1 U	1 U	1 U
Toluene	EPA 8260B	109000	1	1 U	1.1 U	1 U	1 U
Ethylbenzene	EPA 8260B	18100	1	1 U	1.1 U	1 U	1 U
Styrene	EPA 8260B	71	1	1 U	1.1 U	1 U	1 U
m,p-Xylene	EPA 8260B	2910000000	1	1 U	1.1 U	1 U	1 U
o-Xylene	EPA 8260B	143000	1	1 U	1.1 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8260B		1	1 U	1.1 U	1 U	1 U
1,3,5-Trimethylbenzene	EPA 8260B	4210	1	1 U	1.1 U	1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	4030	1	1 U	1.1 U	1 U	1 U
Isopropylbenzene	EPA 8260B	49800	1	1 U	1.1 U	1 U	1 U
n-Propylbenzene	EPA 8260B	13600	1	1 U	1.1 U	1 U	1 U
sec-Butylbenzene	EPA 8260B	7860	1	1 U	1.1 U	1 U	1 U
4-Isopropyltoluene	EPA 8260B		1	1 U	1.1 U	1 U	1 U
n-Butylbenzene	EPA 8260B	4640	1	1 U	1.1 U	1 U	1 U
Naphthalene	EPA 8260B	39400	5	5 UJ	5.5 U	5.2 U	5.2 U
SVOCs (µg/kg)							
1,4-Dichlorobenzene	EPA 8270D		67				
4-Methylphenol	EPA 8270D	13100	67				
Naphthalene	EPA 8270D	39400	67				
2-Methylnaphthalene	EPA 8270D		67				
Acenaphthylene	EPA 8270D		67				
Acenaphthene	EPA 8270D	32400	67				
Dibenzofuran	EPA 8270D		67				
Diethylphthalate	EPA 8270D	79300	67				
Fluorene	EPA 8270D	270000	67				
Phenanthrene	EPA 8270D		67				
Carbazole	EPA 8270D		67				
Anthracene	EPA 8270D	6080000	67				
Fluoranthene	EPA 8270D	44000	67				
Pyrene	EPA 8270D	1750000	67				
Benzo(a)anthracene	EPA 8270D	41.9	67				
bis(2-Ethylhexyl)phthalate	EPA 8270D	1570	67				
Chrysene	EPA 8270D	46.6	67				
Benzo(b)fluoranthene	EPA 8270D	144	67				
Benzo(k)fluoranthene	EPA 8270D	144	67				
Benzo(a)pyrene	EPA 8270D	113	67				
Indeno(1,2,3-cd)pyrene	EPA 8270D	406	67				
Dibenz(a,h)anthracene	EPA 8270D	210	67				
Benzo(g,h,i)perylene	EPA 8270D		67				
1-Methylnaphthalene	EPA 8270D		67				
Naphthalene	EPA 8270DSIM	39400	5				
2-Methylnaphthalene	EPA 8270DSIM		5				
1-Methylnaphthalene	EPA 8270DSIM		5				
Acenaphthylene	EPA 8270DSIM		5				
Acenaphthene	EPA 8270DSIM	32400	5				
Fluorene	EPA 8270DSIM	270000	5				
Phenanthrene	EPA 8270DSIM		5				
Anthracene	EPA 8270DSIM	6080000	5				

Table 5-1c:
2-40s Area Detected Constituents in Well Soil Samples Compared to SLs
Boeing Plant 2

Constituent	Analytical Method	2004 Soil Screening Level	Laboratory RL	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-608A 0 - 1 2-40-PL2-608A-S-01-0 R1 7/9/2008	PL2-608A 4 - 5 2-40-PL2-608A-S-04-0 7/9/2008	PL2-608A 9 - 10 2-40-PL2-608A-S-09-0 7/9/2008
Fluoranthene	EPA 8270DSIM	44000	5				
Pyrene	EPA 8270DSIM	1750000	5				
Benzo(a)anthracene	EPA 8270DSIM	41.9	5				
Chrysene	EPA 8270DSIM	46.6	5				
Benzo(b)fluoranthene	EPA 8270DSIM	144	5				
Benzo(k)fluoranthene	EPA 8270DSIM	144	5				
Benzo(a)pyrene	EPA 8270DSIM	113	5				
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	406	5				
Dibenz(a,h)anthracene	EPA 8270DSIM	210	5				
Benzo(g,h,i)perylene	EPA 8270DSIM		5				
Dibenzofuran	EPA 8270DSIM		5				
PCBs (µg/kg)							
Aroclor 1248	EPA 8082	33	33				
Aroclor 1254	EPA 8082	33	33				
Aroclor 1260	EPA 8082	33	33				
Aroclor 1262	EPA 8082	33	33				
Total PCB	EPA 8082	33	33				
Inorganics (mg/kg)							
Aluminum	EPA 6010B		5	12200		9240	12300
Arsenic	EPA 6010B	7.3	5	5 U		5 U	6 U
Barium	EPA 6010B	93300	0.3	44.6		27.4	41.1
Beryllium	EPA 6010B	222	0.1	0.2		0.1	0.1
Cadmium	EPA 6010B	1.21	0.2	1		0.2 U	0.2 U
Calcium	EPA 6010B		5	9990		4220	5120
Chromium	EPA 6010B		0.5	23.6		14.2	13.6
Cobalt	EPA 6010B		0.3	6		5	4.4
Copper	EPA 6010B	36.4	0.2	18.7		11	16.7
Iron	EPA 6010B		5	16600		13700	16900
Lead	EPA 6010B	1000	2	11		3	3
Magnesium	EPA 6010B		5	4620		2910	2560
Manganese	EPA 6010B	1146	0.1	192		136	121
Mercury	EPA 7471A	0.07	0.05	0.04 U		0.05 U	0.06 U
Molybdenum	EPA 6010B	6670	0.5	1.2		0.7	0.8
Nickel	EPA 6010B	47.8	1	19		10	9
Silver	EPA 6010B	0.323	0.3	0.3 U		0.3 U	0.4 U
Thallium	EPA 7841	0.669	0.1	0.1 U		0.1 U	0.1 U
Tin	EPA 6010B		1	1 U		1 U	1 U
Vanadium	EPA 6010B	9330	0.3	53.2		43.9	48.1
Zinc	EPA 6010B	101	1	46		27	25
Cyanide	EPA 335.2	0.202	0.05				
Chromium(VI)	SM3500CrD	19.2	0.4				
Total Solids (%)	EPA 160.3		0.01				
Total Organic Carbon (%)	Plumb 1981		0.02				
Petroleum Hydrocarbons (mg/kg)							
TPH - Gasoline Range	NWTPH-Gx	30	5				
TPH - Diesel Range	NWTPH-Dx-Cleaned	2000	5				
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	2000	10				

Table 5-2a:
Explanation of Data Qualifiers 2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Qualifiers Used by the Contract Laboratory – Analytical Resources, Inc.	
U	The compound was analyzed for, but not detected at the reported concentration.
J	Indicates an estimated concentration when a value is less than the calculated reporting limit.
D	Indicates the surrogate/spike(s) was not detected, due to dilution of extract.
NR	Indicates the surrogate recovery cannot be reported due to matrix interference.
E	Indicates a value above the linear range of the detector, sample dilution is required.
S	Indicates no value reported due to saturation of the detector, sample dilution required.
NA	Indicates compound was not analyzed for.
M	Indicates an estimated value of analyte found and confirmed by the analyst but with a low spectral match (GC-MS).
B	Indicates possible/probable blank contamination. Flagged when the analyte is detected in the blank as well as in the sample.
Y	Indicates raised reporting limit due to background interference or to activity in the instrument. Compound is still not detected at or above the raised level.
C	Indicates a probably detection that cannot be confirmed due to matrix interferences.
P	Indicates a high RPD between detected concentrations for dual column GC analyses without obvious interference.
Data Validation Qualifiers for Organic Analyses	
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Table 5-2a:
Explanation of Data Qualifiers 2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Validation Qualifiers for Inorganic Analyses	
U	The compound was analyzed for, but was not detected above the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Sample ID: Location: Depth (ft bgs): Sample Date:	2-40-DP-001 0 - 1 2-40-DP-01-01-S-0 6/25/2008	2-40-DP-001 4 - 5 2-40-DP-01-04-S-0 6/25/2008	2-40-DP-001 9 - 10 2-40-DP-01-09-S-0 6/25/2008	2-40-DP-002 0 - 1 2-40-DP-02-01-S-0 6/26/2008	2-40-DP-002 4 - 5 2-40-DP-02-04-S-0 6/26/2008	2-40-DP-002 9 - 10 2-40-DP-02-09-S-0 6/26/2008	2-40-DP-003 0 - 1 2-40-DP-03-01-S-0 6/25/2008	2-40-DP-003 4 - 5 2-40-DP-03-04-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 Reanalysis 6/25/2008	2-40-DP-004 0 - 1 2-40-DP-04-01-S-0 6/12/2008
VOCs (µg/kg)														
Chloromethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Bromomethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 UJ	1.2 UJ	1.2 UJ	0.9 U	1 U	1.3 U	81 U	1.1 U
Vinyl Chloride	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 UJ
Chloroethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Methylene Chloride	EPA 8260B	2		2 U	2.3 U	1.9 U	4.3 U	2.5 U	2.5 U	3 U	2 U	2.7 U	160 U	4.7 U
Acetone	EPA 8260B	5		16	7.9 U	14	21	18	23	18	8.1 U	6.7 U	410 U	83
Carbon Disulfide	EPA 8260B	1		3	1.1 U	3.2	1.1 U	1.2 U	2.4	1.3	1.1	1.3 U	81 U	1.1 U
1,1-Dichloroethene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,1-Dichloroethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
trans-1,2-Dichloroethene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Chloroform	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,2-Dichloroethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
2-Butanone	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	6.1
1,1,1-Trichloroethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Carbon Tetrachloride	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Vinyl Acetate	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 UR	6.7 U	410 U	5.4 U
Bromodichloromethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,2-Dichloropropane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
cis-1,3-Dichloropropene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Trichloroethene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Dibromochloromethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,1,2-Trichloroethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Benzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	19	81 U	1.1 U
trans-1,3-Dichloropropene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
2-Chloroethylvinylether	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	5.4 U
Bromoform	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Methyl isobutyl ketone	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	5.4 U
2-Hexanone	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	5.4 U
Tetrachloroethene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Toluene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	2.3 J	81 U	1.1 U
Chlorobenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Ethylbenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	210	470	1.1 U
Styrene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Trichlorofluoromethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2		2 U	2.3 U	1.9 U	2.3 U	2.5 U	2.5 U	1.9 U	2 U	2.7 U	160 U	2.2 U
m,p-Xylene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	800 ES	2700	1.1 U
o-Xylene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	2.2	81 U	1.1 U
1,2-Dichlorobenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,3-Dichlorobenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,4-Dichlorobenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Acrolein	EPA 8260B	10		51 U	57 U	47 U	56 U	62 U	62 U	46 U	51 U	67 U	4100 U	54 U
Methyl Iodide	EPA 8260B	1		1 UJ	1.1 UJ	1 UJ	1.1 UJ	1.2 UJ	1.2 UJ	0.9 UJ	1 UJ	1.3 UJ	81 UJ	1.1 U
Bromoethane	EPA 8260B	2		2 U	2.3 U	1.9 U	2.3 U	2.5 U	2.5 U	1.9 U	2 U	2.7 UJ	160 U	2.2 U
Acrylonitrile	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	5.4 U
1,1-Dichloropropene	EPA 8260B	2		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Dibromomethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	5.4 U
1,2,3-Trichloropropane	EPA 8260B	2		2 U	2.3 U	1.9 U	2.3 U	2.5 U	2.5 U	1.9 U	2 U	2.7 U	160 U	2.2 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	5.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	5.6	81 U	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	20	81 U	1.1 U
Hexachlorobutadiene	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	6.7 U	410 U	5.4 U
Ethylene Dibromide	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Bromochloromethane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
2,2-Dichloropropane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,3-Dichloropropane	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
Isopropylbenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	16	81 U	1.1 U
n-Propylbenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	5.4	81 U	1.1 U
Bromobenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
2-Chlorotoluene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
4-Chlorotoluene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
tert-Butylbenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
sec-Butylbenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
4-Isopropyltoluene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.4	81 U	1.1 U
n-Butylbenzene	EPA 8260B	1		1 U	1.1 U	1 U	1.1 U	1.2 U	1.2 U	0.9 U	1 U	1.3 U	81 U	1.1 U
1,2,4-Trichlorobenzene	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 UJ	6.7 U	410 U	5.4 U
Naphthalene	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 U	7.7 UR	410 U	5.4 U
1,2,3-Trichlorobenzene	EPA 8260B	5		5.1 U	5.7 U	4.7 U	5.6 U	6.2 U	6.2 U	4.6 U	5.1 UJ	6.7 U	410 U	5.4 U
SVOCs (µg/kg)														
Phenol	EPA 8270D	67		65 U	66 U	63 U								
bis(2-Chloroethyl)ether	EPA 8270D	67		65 U	66 U	63 U								

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Sample ID: Location: Depth (ft bgs): Sample Date:	2-40-DP-001 0 - 1 2-40-DP-01-01-S-0 6/25/2008	2-40-DP-001 4 - 5 2-40-DP-01-04-S-0 6/25/2008	2-40-DP-001 9 - 10 2-40-DP-01-09-S-0 6/25/2008	2-40-DP-002 0 - 1 2-40-DP-02-01-S-0 6/26/2008	2-40-DP-002 4 - 5 2-40-DP-02-04-S-0 6/26/2008	2-40-DP-002 9 - 10 2-40-DP-02-09-S-0 6/26/2008	2-40-DP-003 0 - 1 2-40-DP-03-01-S-0 6/25/2008	2-40-DP-003 4 - 5 2-40-DP-03-04-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 Reanalysis 6/25/2008	2-40-DP-004 0 - 1 2-40-DP-04-01-S-0 6/12/2008
2-Chlorophenol	EPA 8270D	67		65 U	66 U	63 U								
1,3-Dichlorobenzene	EPA 8270D	67		65 U	66 U	63 U								
1,4-Dichlorobenzene	EPA 8270D	67		65 U	66 U	63 U								
Benzyl Alcohol	EPA 8270D	330		320 UJ	330 UJ	320 UJ								
1,2-Dichlorobenzene	EPA 8270D	67		65 U	66 U	63 U								
2-Methylphenol	EPA 8270D	67		65 U	66 U	63 U								
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	67		65 U	66 U	63 U								
4-Methylphenol	EPA 8270D	67		65 U	66 U	63 U								
N-Nitroso-Di-N-Propylamine	EPA 8270D	330		320 U	330 U	320 U								
Hexachloroethane	EPA 8270D	67		65 U	66 U	63 U								
Nitrobenzene	EPA 8270D	67		65 U	66 U	63 U								
Isophorone	EPA 8270D	67		65 U	66 U	63 U								
2-Nitrophenol	EPA 8270D	330		320 U	330 U	320 U								
2,4-Dimethylphenol	EPA 8270D	67		65 U	66 U	63 U								
Benzoic Acid	EPA 8270D	670		650 UJ	660 UJ	630 UJ								
bis(2-Chloroethoxy)methane	EPA 8270D	67		65 U	66 U	63 U								
2,4-Dichlorophenol	EPA 8270D	330		320 U	330 U	320 U								
1,2,4-Trichlorobenzene	EPA 8270D	67		65 U	66 U	63 U								
Naphthalene	EPA 8270D	67		65 U	66 U	63 U								
4-Chloroaniline	EPA 8270D	330		320 U	330 U	320 U								
Hexachlorobutadiene	EPA 8270D	67		65 U	66 U	63 U								
4-Chloro-3-methylphenol	EPA 8270D	330		320 U	330 U	320 U								
2-Methylnaphthalene	EPA 8270D	67		65 U	66 U	63 U								
Hexachlorocyclopentadiene	EPA 8270D	330		320 U	330 U	320 U								
2,4,6-Trichlorophenol	EPA 8270D	330		320 U	330 U	320 U								
2,4,5-Trichlorophenol	EPA 8270D	330		320 U	330 U	320 U								
2-Chloronaphthalene	EPA 8270D	67		65 U	66 U	63 U								
2-Nitroaniline	EPA 8270D	330		320 U	330 U	320 U								
Dimethylphthalate	EPA 8270D	67		65 U	66 U	63 U								
Acenaphthylene	EPA 8270D	67		65 U	66 U	63 U								
3-Nitroaniline	EPA 8270D	330		320 U	330 U	320 U								
Acenaphthene	EPA 8270D	67		65 U	66 U	63 U								
2,4-Dinitrophenol	EPA 8270D	670		650 UJ	660 UJ	630 UJ								
4-Nitrophenol	EPA 8270D	330		320 U	330 U	320 U								
Dibenzofuran	EPA 8270D	67		65 U	66 U	63 U								
2,6-Dinitrotoluene	EPA 8270D	330		320 U	330 U	320 U								
2,4-Dinitrotoluene	EPA 8270D	330		320 U	330 U	320 U								
Diethylphthalate	EPA 8270D	67		65 U	66 U	63 U								
4-Chlorophenyl-phenylether	EPA 8270D	67		65 U	66 U	63 U								
Fluorene	EPA 8270D	67		65 U	66 U	63 U								
4-Nitroaniline	EPA 8270D	330		320 U	330 U	320 U								
4,6-Dinitro-2-Methylphenol	EPA 8270D	670		650 U	660 U	630 U								
N-Nitrosodiphenylamine	EPA 8270D	67		65 U	66 U	63 U								
4-Bromophenyl-phenylether	EPA 8270D	67		65 U	66 U	63 U								
Hexachlorobenzene	EPA 8270D	67		65 U	66 U	63 U								
Pentachlorophenol	EPA 8270D	330		320 U	330 U	320 U								
Phenanthrene	EPA 8270D	67		65 U	66 U	63 U								
Carbazole	EPA 8270D	67		65 U	66 U	63 U								
Anthracene	EPA 8270D	67		65 U	66 U	63 U								
Di-n-Butylphthalate	EPA 8270D	67		65 U	66 U	63 U								
Fluoranthene	EPA 8270D	67		65 U	66 U	63 U								
Pyrene	EPA 8270D	67		65 U	66 U	63 U								
Butylbenzylphthalate	EPA 8270D	67		65 U	66 U	63 U								
3,3'-Dichlorobenzidine	EPA 8270D	330		320 U	330 U	320 U								
Benzo(a)anthracene	EPA 8270D	67		65 U	66 U	63 U								
bis(2-Ethylhexyl)phthalate	EPA 8270D	67		65 U	66 U	63 U								
Chrysene	EPA 8270D	67		65 U	66 U	63 U								
Di-n-octylphthalate	EPA 8270D	67		65 U	66 U	63 U								
Benzo(b)fluoranthene	EPA 8270D	67		65 U	66 U	63 U								
Benzo(k)fluoranthene	EPA 8270D	67		65 U	66 U	63 U								
Benzo(a)pyrene	EPA 8270D	67		65 U	66 U	63 U								
Indeno(1,2,3-cd)pyrene	EPA 8270D	67		65 U	66 U	63 U								
Dibenz(a,h)anthracene	EPA 8270D	67		65 U	66 U	63 U								
Benzo(g,h,i)perylene	EPA 8270D	67		65 U	66 U	63 U								
1-Methylnaphthalene	EPA 8270D	67		65 U	66 U	63 U								
Naphthalene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
2-Methylnaphthalene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
1-Methylnaphthalene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Acenaphthylene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Acenaphthene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Fluorene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Phenanthrene	EPA 8270DSIM	5		4.7 U	7	4.7 U								
Anthracene	EPA 8270DSIM	5		4.7 U	4.7	4.7 U								
Fluoranthene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Pyrene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Sample ID: Location: Depth (ft bgs): Sample Date:	2-40-DP-001 0 - 1 2-40-DP-01-01-S-0 6/25/2008	2-40-DP-001 4 - 5 2-40-DP-01-04-S-0 6/25/2008	2-40-DP-001 9 - 10 2-40-DP-01-09-S-0 6/25/2008	2-40-DP-002 0 - 1 2-40-DP-02-01-S-0 6/26/2008	2-40-DP-002 4 - 5 2-40-DP-02-04-S-0 6/26/2008	2-40-DP-002 9 - 10 2-40-DP-02-09-S-0 6/26/2008	2-40-DP-003 0 - 1 2-40-DP-03-01-S-0 6/25/2008	2-40-DP-003 4 - 5 2-40-DP-03-04-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 6/25/2008	2-40-DP-003 9 - 10 2-40-DP-03-09-S-0 Reanalysis 6/25/2008	2-40-DP-004 0 - 1 2-40-DP-04-01-S-0 6/12/2008
Benzo(a)anthracene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Chrysene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Benzo(b)fluoranthene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Benzo(k)fluoranthene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Benzo(a)pyrene	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	5		4.7 U	7	4.7 U								
Dibenz(a,h)anthracene	EPA 8270DSIM	5		4.7 U	7.5	4.7 U								
Benzo(g,h,i)perylene	EPA 8270DSIM	5		4.7 U	7.5	4.7 U								
Dibenzofuran	EPA 8270DSIM	5		4.7 U	4.7 U	4.7 U								
PCBs (µg/kg)														
Aroclor 1016	EPA 8082	33												
Aroclor 1242	EPA 8082	33												
Aroclor 1248	EPA 8082	33												
Aroclor 1254	EPA 8082	33												
Aroclor 1260	EPA 8082	33												
Aroclor 1221	EPA 8082	33												
Aroclor 1232	EPA 8082	33												
Aroclor 1262	EPA 8082	33												
Aroclor 1268	EPA 8082	33												
Total PCB	EPA 8082	33												
Inorganics (mg/kg)														
Aluminum	EPA 6010B	5		10300	8520	9440	9800	9650	13500	9640	8450	17200		11700
Antimony	EPA 6010B	5		5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	6 UJ		5 UJ
Arsenic	EPA 6010B	5		5 U	5 U	6 U	5 U	5 U	6 U	5 U	5 U	6 U		5 U
Barium	EPA 6010B	0.3		23.6	23	29.5	41.1	30.3	40.7	27.4	22.7	63.5		43.7
Beryllium	EPA 6010B	0.1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1 U	0.2		0.1
Cadmium	EPA 6010B	0.2		0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U		0.2 U
Calcium	EPA 6010B	5		5580	4120	4250	5050	4770	5650	6170	4210	4210		5170
Chromium	EPA 6010B	0.5		13.5	12.8	12.4	26.2 J	11.4 J	14.3 J	12.7	11.5	17.6		12.8
Cobalt	EPA 6010B	0.3		74.4	4.5	4.5	5.1	3.9	5	7.6	4	6.4		4.8
Copper	EPA 6010B	0.2		26.5	9.6	12.6	12.1	9.8	20.3	28	9.6	23.6		13.3
Iron	EPA 6010B	5		17500	13000	12600	13700	12000	13700	16800	12200	20600		14900
Lead	EPA 6010B	2		2 U	2 U	2 U	11 J	2 J	2 UJ	2	2 U	3		4
Magnesium	EPA 6010B	5		3670	2530	2480	2930	2570	2800	3730	2450	3560		3140 J
Manganese	EPA 6010B	0.1		202	126	137	152	110	117	192	113	260		143 J
Mercury	EPA 7471A	0.05		0.05 U	0.04 U	0.06 U	0.04 U	0.05 U	0.05 U	0.04 U	0.04 U	0.05		0.04 U
Molybdenum	EPA 6010B	0.5		0.7	1	1	0.5 U	0.6	0.6 U	0.8	0.8	1.1		0.5 U
Nickel	EPA 6010B	1		15	9	9	21 J	8 J	9 J	10	9	13		10
Selenium	EPA 6010B	5		5 U	5 U	6 U	5 U	5 U	6 U	5 U	5 U	6 U		5 U
Silver	EPA 6010B	0.3		7.6	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U		0.3 U
Thallium	EPA 7841	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U		0.1
Tin	EPA 6010B	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
Vanadium	EPA 6010B	0.3		51	40.1	39.5	42.2	38.1	47.9	54.3	40.5	55.1		46.4
Zinc	EPA 6010B	1		34	26	24	46	24	27	32	24	28		32
Cyanide	EPA 335.2	0.05		0.049 U	0.051 U	0.056 U	0.053 U	0.054 U	0.062 U	0.051 U	0.05 U	0.065 U		0.05 U
Chromium(VI)	SM3500CrD	0.4												
Total Solids (%)	EPA 160.3	0.01		95.5	94.7	85.2	93.2	90.3	78.6	94.7	94.1	74.1		96
Total Organic Carbon (%)	Plumb 1981	0.02												
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx	5		5.4 U	5.4 U	5.9 U								
TPH - Diesel Range	NWTPH-Dx-Cleaned	5		5.2 U	5.3 U	5.8 U								
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	10		10 U	11 U	12 U								

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-004 4 - 5 2-40-DP-04-04-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 Reanalysis 6/12/2008	2-40-DP-005 0 - 1 2-40-DP-05-01-S-0 6/18/2008	2-40-DP-005 4 - 5 2-40-DP-05-04-S-0 6/18/2008	2-40-DP-005 9 - 10 2-40-DP-05-09-S-0 6/18/2008	2-40-DP-006 0 - 1 2-40-DP-06-01-S-0 6/16/2008	2-40-DP-006 4 - 5 2-40-DP-06-04-S-0 6/16/2008	2-40-DP-006 9 - 10 2-40-DP-06-09-S-0 6/16/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 7/3/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 Reanalysis 7/3/2008
VOCs (µg/kg)												
Chloromethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Bromomethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 UJ	1.2 UJ	1.4 UJ	0.9 U	0.9 U
Vinyl Chloride	EPA 8260B	1.2 UJ	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 UJ	1.2 UJ	1.4 UJ	0.9 U	0.9 U
Chloroethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Methylene Chloride	EPA 8260B	3 U	3.1 U	12 U	2.4 U	2.7 U	3 U	1.9 U	2.3 U	2.9 U	1.8 U	1.8 U
Acetone	EPA 8260B	28 U	170	130	58	54	110	46	18 U	32 U	45 J	100
Carbon Disulfide	EPA 8260B	1.2 U	2	1.8	1.2 U	1.4 U	1.5 U	1.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,1-Dichloroethene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,1-Dichloroethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
trans-1,2-Dichloroethene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
cis-1,2-Dichloroethene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Chloroform	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,2-Dichloroethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
2-Butanone	EPA 8260B	6.2 U	21	19	5.9 U	6.7 U	19	4.7 U	5.8 U	7.2 U	4.5 U	5.4
1,1,1-Trichloroethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Carbon Tetrachloride	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Vinyl Acetate	EPA 8260B	6.2 U	7.7 U	7.2 U	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
Bromodichloromethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,2-Dichloropropane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
cis-1,3-Dichloropropene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Trichloroethene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Dibromochloromethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,1,2-Trichloroethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Benzene	EPA 8260B	1.2 U	7.5	5.1	1.2 U	1.4 U	9.3	0.9 U	1.2 U	1.4 U	0.9 U	1.2
trans-1,3-Dichloropropene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
2-Chloroethylvinylether	EPA 8260B	6.2 U	7.7 U	7.2 U	5.9 U	6.7 U	7.5 U	4.7 UJ	5.8 UJ	7.2 UJ	4.5 UR	4.6 UR
Bromoform	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Methyl isobutyl ketone	EPA 8260B	6.2 U	7.7 U	7.2 U	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
2-Hexanone	EPA 8260B	6.2 U	7.7 U	7.2 U	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
Tetrachloroethene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Toluene	EPA 8260B	1.2 U	2.1	1.8	1.2 U	1.4 U	5.2	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Chlorobenzene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Ethylbenzene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Styrene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Trichlorofluoromethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.5 U	3.1 U	2.9 U	2.4 U	2.7 U	3 U	1.9 U	2.3 U	2.9 U	1.8 U	1.8 U
m,p-Xylene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
o-Xylene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,2-Dichlorobenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,3-Dichlorobenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,4-Dichlorobenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Acrolein	EPA 8260B	62 U	77 U	72 U	59 U	67 U	75 U	47 U	58 U	72 U	45 UR	46 UR
Methyl Iodide	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 UJ	1.2 UJ	1.4 UJ	0.9 U	0.9 U
Bromoethane	EPA 8260B	2.5 U	3.1 U	2.9 U	2.4 U	2.7 U	3 U	1.9 U	2.3 U	2.9 U	1.8 U	1.8 U
Acrylonitrile	EPA 8260B	6.2 U	7.7 U	7.2 U	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
1,1-Dichloropropene	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Dibromomethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,2-Dibromo-3-chloropropane	EPA 8260B	6.2 U	7.7 UJ	7.2 UJ	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
1,2,3-Trichloropropane	EPA 8260B	2.5 U	3.1 UJ	2.9 UJ	2.4 U	2.7 U	3 U	1.9 U	2.3 U	2.9 U	1.8 U	1.8 U
trans-1,4-Dichloro-2-butene	EPA 8260B	6.2 U	7.7 UJ	7.2 UJ	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
1,3,5-Trimethylbenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Hexachlorobutadiene	EPA 8260B	6.2 U	7.7 UJ	7.2 UJ	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
Ethylene Dibromide	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Bromochloromethane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
2,2-Dichloropropane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,3-Dichloropropane	EPA 8260B	1.2 U	1.5 U	1.4 U	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Isopropylbenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
n-Propylbenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
Bromobenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
2-Chlorotoluene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
4-Chlorotoluene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
tert-Butylbenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
sec-Butylbenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
4-Isopropyltoluene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
n-Butylbenzene	EPA 8260B	1.2 U	1.5 UJ	1.4 UJ	1.2 U	1.4 U	1.5 U	0.9 U	1.2 U	1.4 U	0.9 U	0.9 U
1,2,4-Trichlorobenzene	EPA 8260B	6.2 U	7.7 UJ	7.2 UJ	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
Naphthalene	EPA 8260B	6.2 U	7.7 UJ	7.2 UJ	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
1,2,3-Trichlorobenzene	EPA 8260B	6.2 U	7.7 UJ	7.2 UJ	5.9 U	6.7 U	7.5 U	4.7 U	5.8 U	7.2 U	4.5 U	4.6 U
SVOCs (µg/kg)												
Phenol	EPA 8270D				66 U	65 U	65 U				63 U	
bis(2-Chloroethyl)ether	EPA 8270D				66 U	65 U	65 U				63 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-004 4 - 5 2-40-DP-04-04-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 Reanalysis 6/12/2008	2-40-DP-005 0 - 1 2-40-DP-05-01-S-0 6/18/2008	2-40-DP-005 4 - 5 2-40-DP-05-04-S-0 6/18/2008	2-40-DP-005 9 - 10 2-40-DP-05-09-S-0 6/18/2008	2-40-DP-006 0 - 1 2-40-DP-06-01-S-0 6/16/2008	2-40-DP-006 4 - 5 2-40-DP-06-04-S-0 6/16/2008	2-40-DP-006 9 - 10 2-40-DP-06-09-S-0 6/16/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 7/3/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 Reanalysis 7/3/2008
2-Chlorophenol	EPA 8270D				66 U	65 U	65 U				63 U	
1,3-Dichlorobenzene	EPA 8270D				66 U	65 U	65 U				63 U	
1,4-Dichlorobenzene	EPA 8270D				66 U	65 U	65 U				63 U	
Benzyl Alcohol	EPA 8270D				330 U	320 U	320 U				63 U	
1,2-Dichlorobenzene	EPA 8270D				66 U	65 U	65 U				63 U	
2-Methylphenol	EPA 8270D				66 U	65 U	65 U				63 U	
2,2'-Oxybis(1-Chloropropane)	EPA 8270D				66 U	65 U	65 U				63 U	
4-Methylphenol	EPA 8270D				66 U	65 U	65 U				63 U	
N-Nitroso-Di-N-Propylamine	EPA 8270D				330 U	320 U	320 U				310 U	
Hexachloroethane	EPA 8270D				66 U	65 U	65 U				63 U	
Nitrobenzene	EPA 8270D				66 U	65 U	65 U				63 U	
Isophorone	EPA 8270D				66 U	65 U	65 U				63 U	
2-Nitrophenol	EPA 8270D				330 U	320 U	320 U				63 U	
2,4-Dimethylphenol	EPA 8270D				66 U	65 U	65 U				63 U	
Benzoic Acid	EPA 8270D				660 U	650 U	650 U				630 U	
bis(2-Chloroethoxy)methane	EPA 8270D				66 U	65 U	65 U				63 U	
2,4-Dichlorophenol	EPA 8270D				330 U	320 U	320 U				310 U	
1,2,4-Trichlorobenzene	EPA 8270D				66 U	65 U	65 U				63 U	
Naphthalene	EPA 8270D				66 U	65 U	65 U				63 U	
4-Chloroaniline	EPA 8270D				330 U	320 U	320 U				310 U	
Hexachlorobutadiene	EPA 8270D				66 U	65 U	65 U				63 U	
4-Chloro-3-methylphenol	EPA 8270D				330 U	320 U	320 U				310 U	
2-Methylnaphthalene	EPA 8270D				66 U	65 U	65 U				63 U	
Hexachlorocyclopentadiene	EPA 8270D				330 U	320 U	320 U				310 U	
2,4,6-Trichlorophenol	EPA 8270D				330 U	320 U	320 U				310 U	
2,4,5-Trichlorophenol	EPA 8270D				330 U	320 U	320 U				310 U	
2-Chloronaphthalene	EPA 8270D				66 U	65 U	65 U				63 U	
2-Nitroaniline	EPA 8270D				330 U	320 U	320 U				310 U	
Dimethylphthalate	EPA 8270D				66 U	65 U	65 U				63 U	
Acenaphthylene	EPA 8270D				66 U	65 U	65 U				63 U	
3-Nitroaniline	EPA 8270D				330 U	320 U	320 U				310 U	
Acenaphthene	EPA 8270D				66 U	65 U	65 U				63 U	
2,4-Dinitrophenol	EPA 8270D				660 UJ	650 UJ	650 UJ				630 UJ	
4-Nitrophenol	EPA 8270D				330 U	320 U	320 U				310 U	
Dibenzofuran	EPA 8270D				66 U	65 U	65 U				63 U	
2,6-Dinitrotoluene	EPA 8270D				330 U	320 U	320 U				310 U	
2,4-Dinitrotoluene	EPA 8270D				330 U	320 U	320 U				310 U	
Diethylphthalate	EPA 8270D				66 U	65 U	65 U				63 U	
4-Chlorophenyl-phenylether	EPA 8270D				66 U	65 U	65 U				63 U	
Fluorene	EPA 8270D				66 U	65 U	65 U				63 U	
4-Nitroaniline	EPA 8270D				330 U	320 U	320 U				310 U	
4,6-Dinitro-2-Methylphenol	EPA 8270D				660 U	650 U	650 U				630 U	
N-Nitrosodiphenylamine	EPA 8270D				66 U	65 U	65 U				63 U	
4-Bromophenyl-phenylether	EPA 8270D				66 U	65 U	65 U				63 U	
Hexachlorobenzene	EPA 8270D				66 U	65 U	65 U				63 U	
Pentachlorophenol	EPA 8270D				330 U	320 U	320 U				310 U	
Phenanthrene	EPA 8270D				120	65 U	65 U				63 U	
Carbazole	EPA 8270D				66 U	65 U	65 U				63 U	
Anthracene	EPA 8270D				66 U	65 U	65 U				63 U	
Di-n-Butylphthalate	EPA 8270D				66 U	65 U	65 U				63 U	
Fluoranthene	EPA 8270D				210	65 U	67				63 U	
Pyrene	EPA 8270D				290	65 U	80				63 U	
Butylbenzylphthalate	EPA 8270D				66 U	65 U	65 U				63 U	
3,3'-Dichlorobenzidine	EPA 8270D				330 U	320 U	320 U				310 U	
Benzo(a)anthracene	EPA 8270D				100	65 U	65 U				63 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D				130	65 U	65 U				63 U	
Chrysene	EPA 8270D				150	65 U	65 U				63 U	
Di-n-octylphthalate	EPA 8270D				66 U	65 U	65 U				63 U	
Benzo(b)fluoranthene	EPA 8270D				100	65 U	65 U				63 U	
Benzo(k)fluoranthene	EPA 8270D				78	65 U	65 U				63 U	
Benzo(a)pyrene	EPA 8270D				66	65 U	65 U				63 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D				66 U	65 U	65 U				63 U	
Dibenz(a,h)anthracene	EPA 8270D				66 U	65 U	65 U				63 U	
Benzo(g,h,i)perylene	EPA 8270D				66 U	65 U	65 U				63 U	
1-Methylnaphthalene	EPA 8270D				66 U	65 U	65 U				63 U	
Naphthalene	EPA 8270DSIM				5 U	4.9 U	6.4				4.5 U	
2-Methylnaphthalene	EPA 8270DSIM				5 U	4.9 U	6.9				4.5 U	
1-Methylnaphthalene	EPA 8270DSIM				5 U	4.9 U	6.9				4.5 U	
Acenaphthylene	EPA 8270DSIM				5 U	4.9 U	5 U				4.5 U	
Acenaphthene	EPA 8270DSIM				5 U	4.9 U	7.9				4.5 U	
Fluorene	EPA 8270DSIM				5 U	4.9 U	9.4				4.5 U	
Phenanthrene	EPA 8270DSIM				31	4.9 U	29				4.5 U	
Anthracene	EPA 8270DSIM				5 U	4.9 U	7.4				4.5 U	
Fluoranthene	EPA 8270DSIM				38	4.9 U	55				4.5 U	
Pyrene	EPA 8270DSIM				32	4.9 U	39				4.5 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-004 4 - 5 2-40-DP-04-04-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 6/12/2008	2-40-DP-004 9 - 10 2-40-DP-04-09-S-0 Reanalysis 6/12/2008	2-40-DP-005 0 - 1 2-40-DP-05-01-S-0 6/18/2008	2-40-DP-005 4 - 5 2-40-DP-05-04-S-0 6/18/2008	2-40-DP-005 9 - 10 2-40-DP-05-09-S-0 6/18/2008	2-40-DP-006 0 - 1 2-40-DP-06-01-S-0 6/16/2008	2-40-DP-006 4 - 5 2-40-DP-06-04-S-0 6/16/2008	2-40-DP-006 9 - 10 2-40-DP-06-09-S-0 6/16/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 7/3/2008	2-40-DP-007 0 - 1 2-40-DP-07-01-S-0 Reanalysis 7/3/2008
Benzo(a)anthracene	EPA 8270DSIM				15	4.9 U	13				4.5 U	
Chrysene	EPA 8270DSIM				26	4.9 U	18				4.5 U	
Benzo(b)fluoranthene	EPA 8270DSIM				16	4.9 U	8.9				4.5 U	
Benzo(k)fluoranthene	EPA 8270DSIM				13	4.9 U	11				4.5 U	
Benzo(a)pyrene	EPA 8270DSIM				16	4.9 U	5 U				4.5 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM				12	4.9 U	7.4				4.5 U	
Dibenz(a,h)anthracene	EPA 8270DSIM				5 U	4.9 U	5 U				4.5 U	
Benzo(g,h,i)perylene	EPA 8270DSIM				15	4.9 U	9.9				4.5 U	
Dibenzofuran	EPA 8270DSIM				5 U	4.9 U	5.9				4.5 U	
PCBs (µg/kg)												
Aroclor 1016	EPA 8082							32 U	33 U	33 U	30 U	
Aroclor 1242	EPA 8082							32 U	33 U	33 U	30 U	
Aroclor 1248	EPA 8082							32 U	33 U	33 U	30 U	
Aroclor 1254	EPA 8082							32 U	33 U	33 U	30 U	
Aroclor 1260	EPA 8082							32 U	33 U	33 U	30 U	
Aroclor 1221	EPA 8082							32 U	33 U	33 U	30 U	
Aroclor 1232	EPA 8082							32 U	33 U	33 U	30 U	
Aroclor 1262	EPA 8082							32 U	33 U	33 U	30 U	
Aroclor 1268	EPA 8082							32 U	33 U	33 U	30 U	
Total PCB	EPA 8082							32 U	33 U	33 U	30 U	
Inorganics (mg/kg)												
Aluminum	EPA 6010B	9640	21800		12100	8250	18700	12200	8650	15100	9950	
Antimony	EPA 6010B	5 UJ	7 UJ		5 UJ	5 UJ	7 UJ	5 UJ	5 UJ	7 UJ	5 UJ	
Arsenic	EPA 6010B	5 U	10		5 U	5 U	9	5 U	5 U	7 U	5 U	
Barium	EPA 6010B	44.2	76.9		44.4	25.2	71.2	40.8	30.1	59.2	36.1	
Beryllium	EPA 6010B	0.1	0.3		0.1	0.1 U	0.3	0.1	0.1 U	0.2	0.1	
Cadmium	EPA 6010B	0.2 U	0.3 U		0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	
Calcium	EPA 6010B	4560	6160		4910	3780	5700	5070	3930	4710	5270	
Chromium	EPA 6010B	13.2	24.1		36.6	13.6	21.2	14.9	10.5	16.3	18.4	
Cobalt	EPA 6010B	4.7	8.8		6.9	4.7	6.5	5.5	4.3	6.5	11.7	
Copper	EPA 6010B	11.4	38.5		16.7	9.7	30.6	14.9	10.3	23	11.8	
Iron	EPA 6010B	13700	25100		15500	12600	19000	15000	11500	17400	13800	
Lead	EPA 6010B	9	13		6	2 U	13	5	2 U	7	3	
Magnesium	EPA 6010B	2820	5830		6850	2480	4750	3410	2400	3450	4080	
Manganese	EPA 6010B	140	281		161	129	193	168	116	229	180	
Mercury	EPA 7471A	0.04 U	0.17		0.05 U	0.05 U	0.11	0.05 U	0.04 U	0.07	0.05 U	
Molybdenum	EPA 6010B	0.5 U	0.7 U		0.6	1.1	0.7 U	0.5 U	0.5 U	0.7 U	0.5 U	
Nickel	EPA 6010B	9	19		39	8	15	12	8	11	21	
Selenium	EPA 6010B	5 U	7 U		5 U	5 U	7 U	5 U	5 U	7 U	5 U	
Silver	EPA 6010B	0.3 U	0.4 U		0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.9	
Thallium	EPA 7841	0.2	0.2		0.2	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.09 U	
Tin	EPA 6010B	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vanadium	EPA 6010B	42.2	65.6		45.3	39.2	52.8	46.2	37.6	50.4	36	
Zinc	EPA 6010B	47	59		35	25	53	36	24	33	33	
Cyanide	EPA 335.2	0.05 U	0.086		0.118	0.045 U	0.107	0.05 U	0.048 U	0.212	0.049 U	
Chromium(VI)	SM3500CrD											
Total Solids (%)	EPA 160.3	94.6	67.9		95.5	98.2	69.1	94.1	97	67.9	98.8	
Total Organic Carbon (%)	Plumb 1981										0.264	
Petroleum Hydrocarbons (mg/kg)												
TPH - Gasoline Range	NWTPH-Gx				6.8 U	16 J	10 U	5.4 U	6 U	10 U		
TPH - Diesel Range	NWTPH-Dx-Cleaned				5.2 U	5.2 U	25 J	6.8 J	5.1 U	14 J		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned				11 J	10 U	71	20	10 U	46		

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 7/3/2008	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 Reanalysis 7/3/2008	2-40-DP-007 9 - 10 2-40-DP-07-09-S-0 7/3/2008	2-40-DP-008 0 - 1 2-40-DP-08-01-S-0 7/3/2008	2-40-DP-008 4 - 5 2-40-DP-08-04-S-0 7/3/2008	2-40-DP-008 9 - 10 2-40-DP-08-09-S-0 7/3/2008	2-40-DP-009 0 - 1 2-40-DP-09-01-S-0 7/7/2008	2-40-DP-009 4 - 5 2-40-DP-09-04-S-0 7/7/2008	2-40-DP-009 9 - 10 2-40-DP-09-09-S-0 7/7/2008	2-40-DP-010 0 - 1 2-40-DP-10-01-S-0 6/23/2008	2-40-DP-010 4 - 5 2-40-DP-10-04-S-0 6/23/2008	2-40-DP-010 9 - 10 2-40-DP-10-09-S-0 6/23/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Bromomethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 UJ	0.9 UJ	1.3 UJ
Vinyl Chloride	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 UJ	0.9 UJ	1.3 UJ
Chloroethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 UJ	0.9 UJ	1.3 UJ
Methylene Chloride	EPA 8260B	2.2 U	2.4 U	1.9 U	1.7 U	2 U	2.1 U	2 U	2.4 U	2.4 U	1.9 U	1.8 U	2.6 U
Acetone	EPA 8260B	16 U	20 U	50	60	76	24 U	17	31	14	30	50	44
Carbon Disulfide	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,1-Dichloroethene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,1-Dichloroethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
trans-1,2-Dichloroethene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
cis-1,2-Dichloroethene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Chloroform	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,2-Dichloroethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
2-Butanone	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	9.9	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	8.9	6.4 U
1,1,1-Trichloroethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Carbon Tetrachloride	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Vinyl Acetate	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
Bromodichloromethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,2-Dichloropropane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
cis-1,3-Dichloropropene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Trichloroethene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Dibromochloromethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,1,2-Trichloroethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Benzene	EPA 8260B	1 U	1 U	1 U	0.8 U	4.2	1 U	1 U	1.2 U	1.2 U	0.9 U	5.1	1.3 U
trans-1,3-Dichloropropene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
2-Chloroethylvinylether	EPA 8260B	4.9 UR	5.1 UR	4.8 UR	4.2 UR	5.1 UR	5.2 UR	4.9 U	5.9 U	6.1 U	4.7 UR	4.6 UR	6.4 UR
Bromoform	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Methyl isobutyl ketone	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
2-Hexanone	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
Tetrachloroethene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Toluene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	1.4	1.3 U
Chlorobenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Ethylbenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Styrene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Trichlorofluoromethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2 U	2 U	1.9 U	1.7 U	2 U	2.1 U	2 U	2.4 U	2.4 U	1.9 U	1.8 U	2.6 U
m,p-Xylene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
o-Xylene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,2-Dichlorobenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,3-Dichlorobenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,4-Dichlorobenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Acrolein	EPA 8260B	49 UR	51 UR	48 UR	42 UR	51 UR	52 UR	49 U	59 U	61 U	47 U	46 U	64 U
Methyl Iodide	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Bromoethane	EPA 8260B	2 U	2 U	1.9 U	1.7 U	2 U	2.1 U	2 U	2.4 U	2.4 U	1.9 U	1.8 U	2.6 U
Acrylonitrile	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
1,1-Dichloropropene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Dibromomethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,2-Dibromo-3-chloropropane	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
1,2,3-Trichloropropane	EPA 8260B	2 U	2 U	1.9 U	1.7 U	2 U	2.1 U	2 U	2.4 U	2.4 U	1.9 U	1.8 U	2.6 U
trans-1,4-Dichloro-2-butene	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,2,4-Trimethylbenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	1.2	0.9 U	1.3 U
Hexachlorobutadiene	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
Ethylene Dibromide	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Bromochloromethane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
2,2-Dichloropropane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,3-Dichloropropane	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Isopropylbenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
n-Propylbenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
Bromobenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
2-Chlorotoluene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
4-Chlorotoluene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
tert-Butylbenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
sec-Butylbenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
4-Isopropyltoluene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
n-Butylbenzene	EPA 8260B	1 U	1 U	1 U	0.8 U	1 U	1 U	1 U	1.2 U	1.2 U	0.9 U	0.9 U	1.3 U
1,2,4-Trichlorobenzene	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
Naphthalene	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
1,2,3-Trichlorobenzene	EPA 8260B	4.9 U	5.1 U	4.8 U	4.2 U	5.1 U	5.2 U	4.9 U	5.9 U	6.1 U	4.7 U	4.6 U	6.4 U
SVOCs (µg/kg)													
Phenol	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
bis(2-Chloroethyl)ether	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 7/3/2008	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 Reanalysis 7/3/2008	2-40-DP-007 9 - 10 2-40-DP-07-09-S-0 7/3/2008	2-40-DP-008 0 - 1 2-40-DP-08-01-S-0 7/3/2008	2-40-DP-008 4 - 5 2-40-DP-08-04-S-0 7/3/2008	2-40-DP-008 9 - 10 2-40-DP-08-09-S-0 7/3/2008	2-40-DP-009 0 - 1 2-40-DP-09-01-S-0 7/7/2008	2-40-DP-009 4 - 5 2-40-DP-09-04-S-0 7/7/2008	2-40-DP-009 9 - 10 2-40-DP-09-09-S-0 7/7/2008	2-40-DP-010 0 - 1 2-40-DP-10-01-S-0 6/23/2008	2-40-DP-010 4 - 5 2-40-DP-10-04-S-0 6/23/2008	2-40-DP-010 9 - 10 2-40-DP-10-09-S-0 6/23/2008
2-Chlorophenol	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
1,3-Dichlorobenzene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
1,4-Dichlorobenzene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Benzyl Alcohol	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	320 U	320 U	330 U
1,2-Dichlorobenzene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
2-Methylphenol	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
4-Methylphenol	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
Hexachloroethane	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Nitrobenzene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Isophorone	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
2-Nitrophenol	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	320 U	320 U	330 U
2,4-Dimethylphenol	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Benzoic Acid	EPA 8270D	620 U		630 U	640 U	630 U	660 U	640 UR	590 UR	600 UR	650 U	640 U	660 U
bis(2-Chloroethoxy)methane	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
2,4-Dichlorophenol	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
1,2,4-Trichlorobenzene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Naphthalene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
4-Chloroaniline	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
Hexachlorobutadiene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
4-Chloro-3-methylphenol	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
2-Methylnaphthalene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Hexachlorocyclopentadiene	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
2,4,6-Trichlorophenol	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
2,4,5-Trichlorophenol	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
2-Chloronaphthalene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
2-Nitroaniline	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
Dimethylphthalate	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Acenaphthylene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
3-Nitroaniline	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
Acenaphthene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
2,4-Dinitrophenol	EPA 8270D	620 UJ		630 UJ	640 UJ	630 UJ	660 UJ	640 UR	590 UR	600 UR	650 UJ	640 UJ	660 UJ
4-Nitrophenol	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
Dibenzofuran	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
2,6-Dinitrotoluene	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
2,4-Dinitrotoluene	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
Diethylphthalate	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
4-Chlorophenyl-phenylether	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Fluorene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
4-Nitroaniline	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	620 U		630 U	640 U	630 U	660 U	640 U	590 U	600 U	650 U	640 U	660 U
N-Nitrosodiphenylamine	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
4-Bromophenyl-phenylether	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Hexachlorobenzene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Pentachlorophenol	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
Phenanthrene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Carbazole	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Anthracene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Di-n-Butylphthalate	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Fluoranthene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Pyrene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Butylbenzylphthalate	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
3,3'-Dichlorobenzidine	EPA 8270D	310 U		320 U	320 U	320 U	330 U	320 U	300 U	300 U	320 U	320 U	330 U
Benzo(a)anthracene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	990	60 U	65 U	64 U	66 U
Chrysene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Di-n-octylphthalate	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Benzo(b)fluoranthene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Benzo(k)fluoranthene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Benzo(a)pyrene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Dibenz(a,h)anthracene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Benzo(g,h,i)perylene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
1-Methylnaphthalene	EPA 8270D	62 U		63 U	64 U	63 U	66 U	64 U	59 U	60 U	65 U	64 U	66 U
Naphthalene	EPA 8270DSIM	4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	15	5 U
2-Methylnaphthalene	EPA 8270DSIM	4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	23	5 U
1-Methylnaphthalene	EPA 8270DSIM	4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	15	5 U
Acenaphthylene	EPA 8270DSIM	4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U	5 U
Acenaphthene	EPA 8270DSIM	4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U	5 U
Fluorene	EPA 8270DSIM	4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U	5 U
Phenanthrene	EPA 8270DSIM	4.6 U		26	4.6 U	4.7	4.7 U	4.6 U	4.8 U	4.7 U	5 U	11	5 U
Anthracene	EPA 8270DSIM	4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U	5 U
Fluoranthene	EPA 8270DSIM	4.6 U		18	5.1	8	4.7 U	4.6 U	4.8 U	4.7 U	5 U	9.4	5 U
Pyrene	EPA 8270DSIM	4.6 U		31	5.1	8	4.7 U	4.6 U	4.8 U	4.7 U	5 U	12	5 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 7/3/2008	2-40-DP-007 4 - 5 2-40-DP-07-04-S-0 Reanalysis 7/3/2008	2-40-DP-007 9 - 10 2-40-DP-07-09-S-0 7/3/2008	2-40-DP-008 0 - 1 2-40-DP-08-01-S-0 7/3/2008	2-40-DP-008 4 - 5 2-40-DP-08-04-S-0 7/3/2008	2-40-DP-008 9 - 10 2-40-DP-08-09-S-0 7/3/2008	2-40-DP-009 0 - 1 2-40-DP-09-01-S-0 7/7/2008	2-40-DP-009 4 - 5 2-40-DP-09-04-S-0 7/7/2008	2-40-DP-009 9 - 10 2-40-DP-09-09-S-0 7/7/2008	2-40-DP-010 0 - 1 2-40-DP-10-01-S-0 6/23/2008	2-40-DP-010 4 - 5 2-40-DP-10-04-S-0 6/23/2008	2-40-DP-010 9 - 10 2-40-DP-10-09-S-0 6/23/2008
Benzo(a)anthracene	EPA 8270DSIM	4.6 U		13	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5.4	5 U
Chrysene	EPA 8270DSIM	4.6 U		23	4.6 U	6.1	4.7 U	4.6 U	4.8 U	4.7 U	5 U	6.4	5 U
Benzo(b)fluoranthene	EPA 8270DSIM	4.6 U		16	5.1	6.6	4.7 U	4.6 U	4.8 U	4.7 U	5 U	6.9	5 U
Benzo(k)fluoranthene	EPA 8270DSIM	4.6 U		14	4.6 U	5.2	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5.9	5 U
Benzo(a)pyrene	EPA 8270DSIM	4.6 U		21	4.6 U	5.2	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5.9	5 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	4.6 U		13	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U	5 U
Dibenz(a,h)anthracene	EPA 8270DSIM	4.6 U		6.6	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	EPA 8270DSIM	4.6 U		22	4.6 U	4.7	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U	5 U
Dibenzofuran	EPA 8270DSIM	4.6 U		4.7 U	4.6 U	4.7 U	4.7 U	4.6 U	4.8 U	4.7 U	5 U	5 U	5 U
PCBs (µg/kg)													
Aroclor 1016	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Aroclor 1242	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Aroclor 1248	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Aroclor 1254	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Aroclor 1260	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Aroclor 1221	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Aroclor 1232	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Aroclor 1262	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Aroclor 1268	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Total PCB	EPA 8082	30 U		32 U	32 U	31 U	31 U	32 U	33 U	32 U			
Inorganics (mg/kg)													
Aluminum	EPA 6010B	8070		7650	10500	9200	6390	10600	10500	8330	19000	10700	10300
Antimony	EPA 6010B	5 UJ		5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	10 UJ	6 UJ	7 UJ
Arsenic	EPA 6010B	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	6 U	7 U
Barium	EPA 6010B	27		23.4	35.9	29.6	11.6	37	47.5	22.3	48.9	37.3	32.2
Beryllium	EPA 6010B	0.1		0.1	0.1	0.1 U	0.1 U	0.1	0.2	0.1 U	0.2 U	0.1	0.1 U
Cadmium	EPA 6010B	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.2 U	0.3 U
Calcium	EPA 6010B	4070		3870	4360	3940	3540	5650	4910	3740	10900	5290	4770
Chromium	EPA 6010B	13.5		11.6	18.9	13.2	10	17.6	18.2	12	26	12.9	13.3
Cobalt	EPA 6010B	4.7		4.6	5.2	4.6	3.2	9.5	4.7	3	10.4	4.9	4.6
Copper	EPA 6010B	12.1		9.6	11.7	11.3	7.1	12.7	15.5	9.4	52.7	13.3	13.3
Iron	EPA 6010B	13600		12800	13600	12500	9310	14600	13600	10100	25900	13100	13000
Lead	EPA 6010B	2 U		2 U	4	10	2 U	5	6	2 U	5 U	5	3 U
Magnesium	EPA 6010B	2810		2660	3640	2670	1650	4580	3170	1750	9310	2520	2300
Manganese	EPA 6010B	126		121	183	146	96.1	199	163	92.6	732	165	191
Mercury	EPA 7471A	0.04 U		0.04 U	0.04 U	0.04 U	0.05 U	0.04 U	0.04	0.05 U	0.04 U	0.05 U	0.06 U
Molybdenum	EPA 6010B	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.7	0.7	0.7	1 U	0.8	0.7 U
Nickel	EPA 6010B	10		8	19	11	6	20	16	6	23	9	9
Selenium	EPA 6010B	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	6 U	7 U
Silver	EPA 6010B	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3	0.3 U	0.3 U	0.7 U	0.4 U	0.4 U
Thallium	EPA 7841	0.1 U		0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
Vanadium	EPA 6010B	41.5		38.6	39.2	39.2	38.4	45	43.1	44	60.1	45.9	45.1
Zinc	EPA 6010B	26		24	28	27	28	29	28	19	40	30	23
Cyanide	EPA 335.2	0.049 U		0.05 U	0.05 U	0.049 U	0.05 U	0.053 U	0.388	0.072	0.05 U	0.064 U	0.067 U
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3	97.7		98.5	97.8	92.8	95.9	93.9	92.2	96.4	96.7	73.3	68.8
Total Organic Carbon (%)	Plumb 1981	0.368		0.438	0.45	0.495	0.11	0.33	0.585	0.193			
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx										5.1 U	5.2 U	7.8 J
TPH - Diesel Range	NWTPH-Dx-Cleaned										5.2 U	43 J	5.9 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned										10 U	34 J	12 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-011 0 - 1 2-40-DP-11-01-S-0 6/24/2008	2-40-DP-011 4 - 5 2-40-DP-11-04-S-0 6/24/2008	2-40-DP-011 9 - 10 2-40-DP-11-09-S-0 6/24/2008	2-40-DP-012 0 - 1 2-40-DP-12-01-S-0 6/20/2008	2-40-DP-012 4 - 5 2-40-DP-12-04-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 Reanalysis 6/20/2008	2-40-DP-013 0 - 1 2-40-DP-13-01-S-0 7/3/2008	2-40-DP-013 4 - 5 2-40-DP-13-04-S-0 7/3/2008	2-40-DP-013 9 - 10 2-40-DP-13-09-S-0 7/3/2008	2-40-DP-014 0 - 1 2-40-DP-14-01-S-0 6/10/2008	2-40-DP-014 4 - 5 2-40-DP-14-04-S-0 6/10/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Bromomethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Vinyl Chloride	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 UJ	0.9 UJ
Chloroethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 UJ	0.9 UJ
Methylene Chloride	EPA 8260B	2.1 U	4.7 U	2.6 U	2.6 U	2.7 U	3.4 U	3.4 U	2.6 U	17 U	2.5 U	1.8 U	1.9 U
Acetone	EPA 8260B	27	20	67	31	23	110	110	24 U	42 U	37 U	56	47
Carbon Disulfide	EPA 8260B	2.3	1.3 U	1.7	1 U	1.4 U	1.7 U	1.7 U	1.3	1.4 U	3.3	0.9	0.9 U
1,1-Dichloroethene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,1-Dichloroethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
trans-1,2-Dichloroethene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
cis-1,2-Dichloroethene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Chloroform	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,2-Dichloroethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
2-Butanone	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	19	18	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
1,1,1-Trichloroethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Carbon Tetrachloride	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Vinyl Acetate	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 U	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
Bromodichloromethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,2-Dichloropropane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
cis-1,3-Dichloropropene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Trichloroethene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Dibromochloromethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,1,2-Trichloroethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Benzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	11	8.7	1.1 U	1.4 U	1.1 U	1.1	1.4
trans-1,3-Dichloropropene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
2-Chloroethylvinylether	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 U	8.6 U	5.4 UR	6.9 UR	5.7 UR	4.4 U	4.7 U
Bromoform	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Methyl isobutyl ketone	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 U	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
2-Hexanone	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 U	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
Tetrachloroethene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Toluene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	2	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Chlorobenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Ethylbenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Styrene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Trichlorofluoromethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.1 U	2.5 U	2.6 U	2 U	2.7 U	3.4 U	3.4 U	2.2 U	2.8 U	2.3 U	1.8 U	1.9 U
m,p-Xylene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
o-Xylene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,2-Dichlorobenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,3-Dichlorobenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,4-Dichlorobenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Acrolein	EPA 8260B	52 U	63 U	65 U	51 U	68 U	86 U	86 U	54 UR	69 UR	57 UR	44 U	47 U
Methyl Iodide	EPA 8260B	1 UJ	1.3 UJ	1.3 UJ	1 U	1.4 U	1.7 U	1.7 UJ	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Bromoethane	EPA 8260B	2.1 U	2.5 U	2.6 U	2 U	2.7 U	3.4 U	3.4 U	2.2 U	2.8 U	2.3 U	1.8 U	1.9 U
Acrylonitrile	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 U	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
1,1-Dichloropropene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Dibromomethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 UJ	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
1,2,3-Trichloropropane	EPA 8260B	2.1 U	2.5 U	2.6 U	2 U	2.7 U	3.4 UJ	3.4 U	2.2 U	2.8 U	2.3 U	1.8 U	1.9 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 UJ	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
1,3,5-Trimethylbenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Hexachlorobutadiene	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 UJ	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
Ethylene Dibromide	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Bromochloromethane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
2,2-Dichloropropane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,3-Dichloropropane	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 U	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Isopropylbenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
n-Propylbenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
Bromobenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
2-Chlorotoluene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
4-Chlorotoluene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
tert-Butylbenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
sec-Butylbenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
4-Isopropyltoluene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
n-Butylbenzene	EPA 8260B	1 U	1.3 U	1.3 U	1 U	1.4 U	1.7 UJ	1.7 U	1.1 U	1.4 U	1.1 U	0.9 U	0.9 U
1,2,4-Trichlorobenzene	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 UJ	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
Naphthalene	EPA 8260B	5.7	6.3 U	6.5 U	5.1 U	6.8 U	8.6 UJ	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
1,2,3-Trichlorobenzene	EPA 8260B	5.2 U	6.3 U	6.5 U	5.1 U	6.8 U	8.6 UJ	8.6 U	5.4 U	6.9 U	5.7 U	4.4 U	4.7 U
SVOCs (µg/kg)													
Phenol	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
bis(2-Chloroethyl)ether	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-011 0 - 1 2-40-DP-11-01-S-0 6/24/2008	2-40-DP-011 4 - 5 2-40-DP-11-04-S-0 6/24/2008	2-40-DP-011 9 - 10 2-40-DP-11-09-S-0 6/24/2008	2-40-DP-012 0 - 1 2-40-DP-12-01-S-0 6/20/2008	2-40-DP-012 4 - 5 2-40-DP-12-04-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 Reanalysis 6/20/2008	2-40-DP-013 0 - 1 2-40-DP-13-01-S-0 7/3/2008	2-40-DP-013 4 - 5 2-40-DP-13-04-S-0 7/3/2008	2-40-DP-013 9 - 10 2-40-DP-13-09-S-0 7/3/2008	2-40-DP-014 0 - 1 2-40-DP-14-01-S-0 6/10/2008	2-40-DP-014 4 - 5 2-40-DP-14-04-S-0 6/10/2008
2-Chlorophenol	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
1,3-Dichlorobenzene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
1,4-Dichlorobenzene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Benzyl Alcohol	EPA 8270D	320 UJ	320 UJ	310 UJ	280 U	290 U	310 U		64 U	64 U	63 U		
1,2-Dichlorobenzene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
2-Methylphenol	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
4-Methylphenol	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
N-Nitroso-Di-N-Propylamine	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
Hexachloroethane	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Nitrobenzene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Isophorone	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
2-Nitrophenol	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		64 U	64 U	63 U		
2,4-Dimethylphenol	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Benzoic Acid	EPA 8270D	640 UJ	630 UJ	620 U	560 UJ	580 UJ	630 UJ		640 U	640 U	630 U		
bis(2-Chloroethoxy)methane	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
2,4-Dichlorophenol	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
1,2,4-Trichlorobenzene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Naphthalene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	110		64 U	64 U	63 U		
4-Chloroaniline	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
Hexachlorobutadiene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
4-Chloro-3-methylphenol	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
2-Methylnaphthalene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	70		64 U	64 U	63 U		
Hexachlorocyclopentadiene	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
2,4,6-Trichlorophenol	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
2,4,5-Trichlorophenol	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
2-Chloronaphthalene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
2-Nitroaniline	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
Dimethylphthalate	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Acenaphthylene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
3-Nitroaniline	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
Acenaphthene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	120		64 U	64 U	63 U		
2,4-Dinitrophenol	EPA 8270D	640 UJ	630 UJ	620 UJ	560 UJ	580 UJ	630 UJ		640 UJ	640 UJ	630 UJ		
4-Nitrophenol	EPA 8270D	320 UJ	320 UJ	310 UJ	280 U	290 U	310 U		320 U	320 U	310 U		
Dibenzofuran	EPA 8270D	64 U	63 U	62 U	56 U	58 U	100		64 U	64 U	63 U		
2,6-Dinitrotoluene	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
2,4-Dinitrotoluene	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
Diethylphthalate	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
4-Chlorophenyl-phenylether	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Fluorene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	160		64 U	64 U	63 U		
4-Nitroaniline	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
4,6-Dinitro-2-Methylphenol	EPA 8270D	640 U	630 U	620 U	560 U	580 U	630 U		640 U	640 U	630 U		
N-Nitrosodiphenylamine	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
4-Bromophenyl-phenylether	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Hexachlorobenzene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Pentachlorophenol	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
Phenanthrene	EPA 8270D	120	63 U	62 U	56 U	58 U	520		64 U	64 U	63 U		
Carbazole	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Anthracene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	96		64 U	64 U	63 U		
Di-n-Butylphthalate	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Fluoranthene	EPA 8270D	80	63 U	62 U	56 U	58 U	240		64 U	64 U	63 U		
Pyrene	EPA 8270D	78	63 U	62 U	56 U	58 U	210		64 U	64 U	63 U		
Butylbenzylphthalate	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
3,3'-Dichlorobenzidine	EPA 8270D	320 U	320 U	310 U	280 U	290 U	310 U		320 U	320 U	310 U		
Benzo(a)anthracene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
bis(2-Ethylhexyl)phthalate	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Chrysene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Di-n-octylphthalate	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Benzo(b)fluoranthene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Benzo(k)fluoranthene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Benzo(a)pyrene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Indeno(1,2,3-cd)pyrene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Dibenz(a,h)anthracene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Benzo(g,h,i)perylene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
1-Methylnaphthalene	EPA 8270D	64 U	63 U	62 U	56 U	58 U	63 U		64 U	64 U	63 U		
Naphthalene	EPA 8270DSIM	21	4.9 U	4.9 U	4.8 U	4.9 U	24		4.5 U	4.6 U	4.8 U		
2-Methylnaphthalene	EPA 8270DSIM	20	4.9 U	4.9 U	4.8 U	4.9 U	19		4.5 U	4.6 U	4.8 U		
1-Methylnaphthalene	EPA 8270DSIM	17	4.9 U	4.9 U	4.8 U	4.9 U	19		4.5 U	4.6 U	4.8 U		
Acenaphthylene	EPA 8270DSIM	15	4.9 U	4.9 U	4.8 U	4.9 U	5 U		4.5 U	4.6 U	4.8 U		
Acenaphthene	EPA 8270DSIM	4.9 U	4.9 U	4.9 U	4.8 U	4.9 U	44		4.5 U	4.6 U	4.8 U		
Fluorene	EPA 8270DSIM	18	4.9 U	4.9 U	4.8 U	4.9 U	40		4.5 U	4.6 U	4.8 U		
Phenanthrene	EPA 8270DSIM	140	4.9 U	4.9 U	6.3	4.9	120		4.5 U	4.6 U	12		
Anthracene	EPA 8270DSIM	29	4.9 U	4.9 U	4.8 U	4.9 U	18		4.5 U	4.6 U	4.8 U		
Fluoranthene	EPA 8270DSIM	94	4.9 U	4.9 U	8.7	4.9 U	120		4.5 U	4.6 U	14		
Pyrene	EPA 8270DSIM	100	4.9 U	4.9 U	6.3	4.9 U	84		4.5 U	4.6 U	11		

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-011 0 - 1 2-40-DP-11-01-S-0 6/24/2008	2-40-DP-011 4 - 5 2-40-DP-11-04-S-0 6/24/2008	2-40-DP-011 9 - 10 2-40-DP-11-09-S-0 6/24/2008	2-40-DP-012 0 - 1 2-40-DP-12-01-S-0 6/20/2008	2-40-DP-012 4 - 5 2-40-DP-12-04-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 6/20/2008	2-40-DP-012 9 - 10 2-40-DP-12-09-S-0 Reanalysis 6/20/2008	2-40-DP-013 0 - 1 2-40-DP-13-01-S-0 7/3/2008	2-40-DP-013 4 - 5 2-40-DP-13-04-S-0 7/3/2008	2-40-DP-013 9 - 10 2-40-DP-13-09-S-0 7/3/2008	2-40-DP-014 0 - 1 2-40-DP-14-01-S-0 6/10/2008	2-40-DP-014 4 - 5 2-40-DP-14-04-S-0 6/10/2008
Benzo(a)anthracene	EPA 8270DSIM	37	4.9 U	4.9 U	4.8 U	4.9 U	22		4.5 U	4.6 U	4.8 U		
Chrysene	EPA 8270DSIM	41	4.9 U	4.9 U	4.8	4.9 U	26		4.5 U	4.6 U	5.3		
Benzo(b)fluoranthene	EPA 8270DSIM	26	4.9 U	4.9 U	4.8 U	4.9 U	16		4.5 U	4.6 U	4.8 U		
Benzo(k)fluoranthene	EPA 8270DSIM	28	4.9 U	4.9 U	4.8 U	4.9 U	18		4.5 U	4.6 U	4.8 U		
Benzo(a)pyrene	EPA 8270DSIM	35	4.9 U	4.9 U	4.8 U	4.9 U	12		4.5 U	4.6 U	4.8 U		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	21	4.9 U	4.9 U	4.8 U	4.9 U	11		4.5 U	4.6 U	4.8 U		
Dibenz(a,h)anthracene	EPA 8270DSIM	4.9 U	4.9 U	4.9 U	4.8 U	4.9 U	5 U		4.5 U	4.6 U	4.8 U		
Benzo(g,h,i)perylene	EPA 8270DSIM	22	4.9 U	4.9 U	4.8 U	4.9 U	12		4.5 U	4.6 U	4.8 U		
Dibenzofuran	EPA 8270DSIM	9.3	4.9 U	4.9 U	4.8 U	4.9 U	17		4.5 U	4.6 U	4.8 U		
PCBs (µg/kg)													
Aroclor 1016	EPA 8082				33 U	33 U	33 U		31 U	31 U	32 U		
Aroclor 1242	EPA 8082				33 U	33 U	33 U		31 U	31 U	32 U		
Aroclor 1248	EPA 8082				33 U	33 U	33 U		31 U	31 U	32 U		
Aroclor 1254	EPA 8082				33 U	33 U	33 U		31 U	31 U	32 U		
Aroclor 1260	EPA 8082				33 U	33 U	33 U		46	31 U	32 U		
Aroclor 1221	EPA 8082				33 U	33 U	33 U		31 U	31 U	32 U		
Aroclor 1232	EPA 8082				33 U	33 U	33 U		31 U	31 U	32 U		
Aroclor 1262	EPA 8082				33 U	33 U	33 U		31 U	31 U	32 U		
Aroclor 1268	EPA 8082				33 U	33 U	33 U		31 U	31 U	32 U		
Total PCB	EPA 8082				33 U	33 U	33 U		46	31 U	32 U		
Inorganics (mg/kg)													
Aluminum	EPA 6010B	10300	8660	14000	11000	9690	24500		9670	7830	13800	10200	11200
Antimony	EPA 6010B	6 UJ	5 UJ	6 UJ	5 UJ	5 UJ	8 UJ		5 UJ	5 UJ	6 UJ	5 UJ	5 UJ
Arsenic	EPA 6010B	6 U	5 U	6 U	5 U	5 U	11		5 U	5 U	6 U	5 U	5 U
Barium	EPA 6010B	41.3	27.8	47.4	46	34.3	90		30	19.8	50.9	37.3	41.5
Beryllium	EPA 6010B	0.1	0.1 U	0.2	0.1	0.1	0.4		0.1	0.1 U	0.2	0.1	0.1
Cadmium	EPA 6010B	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.5		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	5310	3850	4940	4610	4190	6270		6060	4020	5280	4640	4890
Chromium	EPA 6010B	12.5	9.7	14.3	14.2	12.9	27.8		18.8	11.1	16.3	14.5	12.6
Cobalt	EPA 6010B	9.2	4.1	3.9	5.2	4.7	9.1		12.6	4.6	6.1	5.1	5
Copper	EPA 6010B	14.9	10.3	19.4	13.8	10.6	44.3		10.9	9.8	17.1	13.5	13.3
Iron	EPA 6010B	14200	11700	14800	15300	13900	29000		13800	13500	17100	14000	13900
Lead	EPA 6010B	4	2 U	3	3	2 U	14		2 U	2 U	2 U	14	2
Magnesium	EPA 6010B	2900	2370	2960	3120	2890	6690		4670	2630	3640	3210	3050
Manganese	EPA 6010B	164	114	107	163	136	324		214	132	151	140	143
Mercury	EPA 7471A	0.04	0.05 U	0.05 U	0.04 U	0.05 U	0.2		0.05 U	0.04 U	0.05 U	0.04 U	0.04 U
Molybdenum	EPA 6010B	0.6 U	0.5 U	0.6 U	1	0.9	1.7		0.5 U	0.5 U	0.6 U	0.5 U	0.5 U
Nickel	EPA 6010B	10	9	10	11	10	23		20	8	13	11	10
Selenium	EPA 6010B	6 U	5 U	6 U	5 U	5 U	8 U		5 U	5 U	6 U	5 U	5 U
Silver	EPA 6010B	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.5 U		0.5	0.3 U	0.4 U	0.3 U	0.3 U
Thallium	EPA 7841	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2		0.12	0.09 U	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B	1 U	1 U	1 U	1 U	1 U	2		1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	40.7	36.1	47.8	45.3	38.9	70.9		36	41.9	44.5	42.3	41.7
Zinc	EPA 6010B	33	24	26	34	28	72		28	26	34	43	29
Cyanide	EPA 335.2	0.057 U	0.051 U	0.073	0.077	0.047 U	0.197					0.052 U	0.05 U
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3	83.5	94.4	76.6	90.8	93.2	60.5					92.4	94.3
Total Organic Carbon (%)	Plumb 1981												
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx	35 J	6.4 U	7.5 U					5.9 U	6.7 U	6.1 U	4.8 U	5.2 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	6.4 U	5.4 U	6.4 U					5 U	5 U	5.6 J	5.5 U	5.3 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	13	11 U	13 U					10 U	10 U	11 U	14	15

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-014 9 - 10 2-40-DP-14-09-S-0 6/10/2008	2-40-DP-015 0 - 1 2-40-DP-15-01-S-0 6/11/2008	2-40-DP-015 4 - 5 2-40-DP-15-04-S-0 6/11/2008	2-40-DP-015 9 - 10 2-40-DP-15-09-S-0 6/11/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 6/13/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 Reanalysis 6/13/2008	2-40-DP-016 4 - 5 2-40-DP-16-04-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 Reanalysis 6/13/2008	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 6/12/2008	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 Reextract 6/12/2008
VOCs (µg/kg)												
Chloromethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Bromomethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Vinyl Chloride	EPA 8260B	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.8 UJ	1 UJ	1.3 UJ	1.3 UJ	1.3 UJ	1 UJ	
Chloroethane	EPA 8260B	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Methylene Chloride	EPA 8260B	2.3 U	2.4 U	2.3 U	2.2 U	1.7 U	1.9 U	2.7 U	2.6 U	2.6 U	2 U	
Acetone	EPA 8260B	38	110 J	16	44	68 J	59	30	77	90	43	
Carbon Disulfide	EPA 8260B	3.6	1.1 UJ	1.1 U	1.6	0.8 U	1 U	1.3 U	3.3	2.4	1 U	
1,1-Dichloroethene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,1-Dichloroethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
trans-1,2-Dichloroethene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
cis-1,2-Dichloroethene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.7	1.4	1 U	
Chloroform	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,2-Dichloroethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
2-Butanone	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	5.8 J	4.7 U	6.7 U	11	12	4.9 U	
1,1,1-Trichloroethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Carbon Tetrachloride	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Vinyl Acetate	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 U	4.7 U	6.7 U	6.5 U	6.5 U	4.9 U	
Bromodichloromethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,2-Dichloropropane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
cis-1,3-Dichloropropene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Trichloroethene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Dibromochloromethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,1,2-Trichloroethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Benzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1	1.3 J	1 U	1.3 U	2.8	6.7	1 U	
trans-1,3-Dichloropropene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
2-Chloroethylvinylether	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 U	4.7 U	6.7 U	6.5 U	6.5 U	4.9 U	
Bromoform	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
Methyl isobutyl ketone	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 U	4.7 U	6.7 U	6.5 U	6.5 U	4.9 U	
2-Hexanone	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 U	4.7 U	6.7 U	6.5 U	6.5 U	4.9 U	
Tetrachloroethene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,1,2,2-Tetrachloroethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
Toluene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	2	1 U	
Chlorobenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Ethylbenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Styrene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Trichlorofluoromethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.3 U	2.2 UJ	2.3 U	2.2 U	1.7 U	1.9 U	2.7 U	2.6 U	2.6 U	2 U	
m,p-Xylene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
o-Xylene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,2-Dichlorobenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
1,3-Dichlorobenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
1,4-Dichlorobenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
Acrolein	EPA 8260B	56 U	54 UJ	57 U	55 U	42 U	47 U	67 U	65 U	65 U	49 U	
Methyl Iodide	EPA 8260B	1.1 U	1.1 UJ	1.1 UJ	1.1 UJ	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Bromoethane	EPA 8260B	2.3 U	2.2 UJ	2.3 U	2.2 U	1.7 U	1.9 U	2.7 U	2.6 U	2.6 U	2 U	
Acrylonitrile	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 U	4.7 U	6.7 U	6.5 U	6.5 U	4.9 U	
1,1-Dichloropropene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Dibromomethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,1,1,2-Tetrachloroethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
1,2-Dibromo-3-chloropropane	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 UJ	4.7 U	6.7 U	6.5 UJ	6.5 U	4.9 U	
1,2,3-Trichloropropane	EPA 8260B	2.3 U	2.2 UJ	2.3 U	2.2 U	1.7 UJ	1.9 U	2.7 U	2.6 UJ	2.6 U	2 U	
trans-1,4-Dichloro-2-butene	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 UJ	4.7 U	6.7 U	6.5 UJ	6.5 U	4.9 U	
1,3,5-Trimethylbenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
1,2,4-Trimethylbenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
Hexachlorobutadiene	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 UJ	4.7 U	6.7 U	6.5 UJ	6.5 U	4.9 U	
Ethylene Dibromide	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Bromochloromethane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
2,2-Dichloropropane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
1,3-Dichloropropane	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 U	1 U	1.3 U	1.3 U	1.3 U	1 U	
Isopropylbenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
n-Propylbenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
Bromobenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
2-Chlorotoluene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
4-Chlorotoluene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
tert-Butylbenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
sec-Butylbenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
4-Isopropyltoluene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
n-Butylbenzene	EPA 8260B	1.1 U	1.1 UJ	1.1 U	1.1 U	0.8 UJ	1 U	1.3 U	1.3 UJ	1.3 U	1 U	
1,2,4-Trichlorobenzene	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 UJ	4.7 U	6.7 U	6.5 UJ	6.5 U	4.9 U	
Naphthalene	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 UJ	4.7 U	6.7 U	6.5 UJ	6.5 U	4.9 U	
1,2,3-Trichlorobenzene	EPA 8260B	5.6 U	5.4 UJ	5.7 U	5.5 U	4.2 UJ	4.7 U	6.7 U	6.5 UJ	6.5 U	4.9 U	
SVOCs (µg/kg)												
Phenol	EPA 8270D										64 U	64 UJ
bis(2-Chloroethyl)ether	EPA 8270D										64 U	64 UJ

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-014 9 - 10 2-40-DP-14-09-S-0 6/10/2008	2-40-DP-015 0 - 1 2-40-DP-15-01-S-0 6/11/2008	2-40-DP-015 4 - 5 2-40-DP-15-04-S-0 6/11/2008	2-40-DP-015 9 - 10 2-40-DP-15-09-S-0 6/11/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 6/13/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 Reanalysis 6/13/2008	2-40-DP-016 4 - 5 2-40-DP-16-04-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 Reanalysis 6/13/2008	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 6/12/2008	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 Reextract 6/12/2008
2-Chlorophenol	EPA 8270D										64 U	64 UJ
1,3-Dichlorobenzene	EPA 8270D										64 U	64 UJ
1,4-Dichlorobenzene	EPA 8270D										64 U	64 UJ
Benzyl Alcohol	EPA 8270D										320 U	320 UJ
1,2-Dichlorobenzene	EPA 8270D										64 U	64 UJ
2-Methylphenol	EPA 8270D										64 U	64 UJ
2,2'-Oxybis(1-Chloropropane)	EPA 8270D										64 U	64 UJ
4-Methylphenol	EPA 8270D										64 U	64 UJ
N-Nitroso-Di-N-Propylamine	EPA 8270D										320 U	320 UJ
Hexachloroethane	EPA 8270D										64 U	64 UJ
Nitrobenzene	EPA 8270D										64 U	64 UJ
Isophorone	EPA 8270D										64 U	64 UJ
2-Nitrophenol	EPA 8270D										320 U	320 UJ
2,4-Dimethylphenol	EPA 8270D										64 U	64 UJ
Benzoic Acid	EPA 8270D										640 U	640 UJ
bis(2-Chloroethoxy)methane	EPA 8270D										64 U	64 UJ
2,4-Dichlorophenol	EPA 8270D										320 U	320 UJ
1,2,4-Trichlorobenzene	EPA 8270D										64 U	64 UJ
Naphthalene	EPA 8270D										64 U	64 UJ
4-Chloroaniline	EPA 8270D										320 U	320 UJ
Hexachlorobutadiene	EPA 8270D										64 U	64 UJ
4-Chloro-3-methylphenol	EPA 8270D										320 U	320 UJ
2-Methylnaphthalene	EPA 8270D										64 U	64 UJ
Hexachlorocyclopentadiene	EPA 8270D										320 U	320 UJ
2,4,6-Trichlorophenol	EPA 8270D										320 U	320 UJ
2,4,5-Trichlorophenol	EPA 8270D										320 U	320 UJ
2-Chloronaphthalene	EPA 8270D										64 U	64 UJ
2-Nitroaniline	EPA 8270D										320 U	320 UJ
Dimethylphthalate	EPA 8270D										64 U	64 UJ
Acenaphthylene	EPA 8270D										64 U	64 UJ
3-Nitroaniline	EPA 8270D										320 U	320 UJ
Acenaphthene	EPA 8270D										64 U	64 UJ
2,4-Dinitrophenol	EPA 8270D										640 UJ	640 UJ
4-Nitrophenol	EPA 8270D										320 U	320 UJ
Dibenzofuran	EPA 8270D										64 U	64 UJ
2,6-Dinitrotoluene	EPA 8270D										320 U	320 UJ
2,4-Dinitrotoluene	EPA 8270D										320 U	320 UJ
Diethylphthalate	EPA 8270D										64 U	64 UJ
4-Chlorophenyl-phenylether	EPA 8270D										64 U	64 UJ
Fluorene	EPA 8270D										64 U	64 UJ
4-Nitroaniline	EPA 8270D										320 U	320 UJ
4,6-Dinitro-2-Methylphenol	EPA 8270D										640 U	640 UJ
N-Nitrosodiphenylamine	EPA 8270D										64 U	64 UJ
4-Bromophenyl-phenylether	EPA 8270D										64 U	64 UJ
Hexachlorobenzene	EPA 8270D										64 U	64 UJ
Pentachlorophenol	EPA 8270D										320 U	320 UJ
Phenanthrene	EPA 8270D										64 U	64 UJ
Carbazole	EPA 8270D										64 U	64 UJ
Anthracene	EPA 8270D										64 U	64 UJ
Di-n-Butylphthalate	EPA 8270D										64 U	64 UJ
Fluoranthene	EPA 8270D										64 U	64 UJ
Pyrene	EPA 8270D										64 U	64 UJ
Butylbenzylphthalate	EPA 8270D										64 U	64 UJ
3,3'-Dichlorobenzidine	EPA 8270D										320 U	320 UJ
Benzo(a)anthracene	EPA 8270D										64 U	64 UJ
bis(2-Ethylhexyl)phthalate	EPA 8270D										64 U	64 UJ
Chrysene	EPA 8270D										64 U	64 UJ
Di-n-octylphthalate	EPA 8270D										64 U	64 UJ
Benzo(b)fluoranthene	EPA 8270D										64 U	64 UJ
Benzo(k)fluoranthene	EPA 8270D										64 U	64 UJ
Benzo(a)pyrene	EPA 8270D										64 U	64 UJ
Indeno(1,2,3-cd)pyrene	EPA 8270D										64 U	64 UJ
Dibenz(a,h)anthracene	EPA 8270D										64 U	64 UJ
Benzo(g,h,i)perylene	EPA 8270D										81	64 UJ
1-Methylnaphthalene	EPA 8270D										64 U	64 UJ
Naphthalene	EPA 8270DSIM										4.8 U	
2-Methylnaphthalene	EPA 8270DSIM										4.8 U	
1-Methylnaphthalene	EPA 8270DSIM										4.8 U	
Acenaphthylene	EPA 8270DSIM										4.8 U	
Acenaphthene	EPA 8270DSIM										4.8 U	
Fluorene	EPA 8270DSIM										4.8 U	
Phenanthrene	EPA 8270DSIM										8.6	
Anthracene	EPA 8270DSIM										4.8 U	
Fluoranthene	EPA 8270DSIM										9.5	
Pyrene	EPA 8270DSIM										8.6	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-014 9 - 10 2-40-DP-14-09-S-0 6/10/2008	2-40-DP-015 0 - 1 2-40-DP-15-01-S-0 6/11/2008	2-40-DP-015 4 - 5 2-40-DP-15-04-S-0 6/11/2008	2-40-DP-015 9 - 10 2-40-DP-15-09-S-0 6/11/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 6/13/2008	2-40-DP-016 0 - 1 2-40-DP-16-01-S-0 Reanalysis 6/13/2008	2-40-DP-016 4 - 5 2-40-DP-16-04-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 6/13/2008	2-40-DP-016 9 - 10 2-40-DP-16-09-S-0 Reanalysis 6/13/2008	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 6/12/2008	2-40-DP-017 0 - 1 2-40-DP-17-01-S-0 Reextract 6/12/2008
Benzo(a)anthracene	EPA 8270DSIM										4.8 U	
Chrysene	EPA 8270DSIM										5.7	
Benzo(b)fluoranthene	EPA 8270DSIM										4.8 U	
Benzo(k)fluoranthene	EPA 8270DSIM										4.8 U	
Benzo(a)pyrene	EPA 8270DSIM										4.8 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM										4.8 U	
Dibenz(a,h)anthracene	EPA 8270DSIM										4.8 U	
Benzo(g,h,i)perylene	EPA 8270DSIM										4.8	
Dibenzofuran	EPA 8270DSIM										4.8 U	
PCBs (µg/kg)												
Aroclor 1016	EPA 8082					32 U		33 U	33 U			
Aroclor 1242	EPA 8082					32 U		33 U	33 U			
Aroclor 1248	EPA 8082					32 U		33 U	33 U			
Aroclor 1254	EPA 8082					32 U		33 U	33 U			
Aroclor 1260	EPA 8082					32 U		33 U	33 U			
Aroclor 1221	EPA 8082					32 U		33 U	33 U			
Aroclor 1232	EPA 8082					32 U		33 U	33 U			
Aroclor 1262	EPA 8082					32 U		33 U	33 U			
Aroclor 1268	EPA 8082					32 U		33 U	33 U			
Total PCB	EPA 8082					32 U		33 U	33 U			
Inorganics (mg/kg)												
Aluminum	EPA 6010B	18200	11800	8380	13100	12800		11400	13700		12100	
Antimony	EPA 6010B	7 UJ	5 UJ	5 UJ	6 UJ	5 UJ		5 UJ	6 UJ		5 UJ	
Arsenic	EPA 6010B	7 U	5 U	5 U	6 U	5 U		5 U	6 U		5 U	
Barium	EPA 6010B	65.1	43.1	22.3	44.3	41.1		37.5	46.8		41	
Beryllium	EPA 6010B	0.3	0.1	0.1	0.2	0.1		0.1	0.2		0.1	
Cadmium	EPA 6010B	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U		0.2 U	
Calcium	EPA 6010B	6180	4240	4130	4700	5060		4470	4950		5100	
Chromium	EPA 6010B	20.2	19.9	10.3	14.7	18.7		17	19.6		15.1	
Cobalt	EPA 6010B	7.2	5.5	4.6	7	5		4.9	5.5		5.4	
Copper	EPA 6010B	25.9	13	9.8	14.8	16.5		26.1	17.3		15.2	
Iron	EPA 6010B	20400	14300	12900	15500	15200		14200	17400		15300	
Lead	EPA 6010B	7	13	2 U	3	5		4	4		5	
Magnesium	EPA 6010B	4860	4040	2580	3500	3240		2990	3660		3150	
Manganese	EPA 6010B	232	179	127	200	149		144	176		171	
Mercury	EPA 7471A	0.07	0.04 U	0.05 U	0.04 U	0.05		0.04 U	0.05 U		0.04 U	
Molybdenum	EPA 6010B	0.7 U	0.5 U	0.5 U	0.6 U	0.5 U		0.5 U	0.6 U		0.5	
Nickel	EPA 6010B	15	19	7.9	12	13		12	14		11	
Selenium	EPA 6010B	7 U	5 U	5 U	6 U	5 U		5 U	6 U		5 U	
Silver	EPA 6010B	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U	0.3 U		0.3 U	
Thallium	EPA 7841	0.1 U	0.1 U	0.1 U	0.1	0.1 U		0.1 U	0.1 U		0.1 U	
Tin	EPA 6010B	1 U	1 U	0.9 U	1 U	1 U		1 U	1 U		1 U	
Vanadium	EPA 6010B	54.7	44.2	41.7	43.1	48		46.7	49.9		47.2	
Zinc	EPA 6010B	48	32	25.5	34	40		35	39		37	
Cyanide	EPA 335.2	0.068 U	0.052	0.046 U	0.058 U	0.055 U		0.054	0.061 U		0.053 U	
Chromium(VI)	SM3500CrD											
Total Solids (%)	EPA 160.3	71.3	91.5	97.5	83.5	90.4		89.4	82.3		92.1	
Total Organic Carbon (%)	Plumb 1981											
Petroleum Hydrocarbons (mg/kg)												
TPH - Gasoline Range	NWTPH-Gx	7.5 U	6 U	6.2 U	6.3 U	6.7 J		17 J	7.6 U		5.6 U	
TPH - Diesel Range	NWTPH-Dx-Cleaned	7.8 J	5.6 U	5.1 U	5.6 U	5.5 U		6.4 J	10 J		5.5 U	
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	21	11 U	10 U	11 U	11 U		21	26		15	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 6/12/2008	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 Reextract 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 Reextract 6/12/2008	2-40-DP-018 0 - 1 2-40-DP-18-01-S-0 6/6/2008	2-40-DP-018 4 - 5 2-40-DP-18-04-S-0 6/6/2008	2-40-DP-018 9 - 10 2-40-DP-18-09-S-0 6/6/2008	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 5/19/2008	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 Reanalysis 5/19/2008	2-40-DP-019 4 - 5 2-40-DP-19-04-S-0 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 5/19/2008
VOCs (µg/kg)												
Chloromethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Bromomethane	EPA 8260B	1.2 U		1 U		0.9 UJ	1.1 UJ	1.2 UJ	0.9 U	51 U	1.1 U	1 U
Vinyl Chloride	EPA 8260B	1.2 UJ		1 UJ		0.9 UJ	1.1 UJ	1.2 UJ	0.9 U	51 U	1.1 U	1 U
Chloroethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Methylene Chloride	EPA 8260B	2.4 U		2 U		1.8 U	2.2 U	2.4 U	1.7 U	100 U	2.2 U	2.1 U
Acetone	EPA 8260B	26		34		22	33	26	56	260 U	11	15
Carbon Disulfide	EPA 8260B	1.2 U		2		0.9 U	1.1 U	1.6	0.9 U	51 U	1.1 U	1 U
1,1-Dichloroethene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,1-Dichloroethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	1.2 U		1.1		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Chloroform	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,2-Dichloroethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
2-Butanone	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.6	260 U	5.5 U	5.2 U
1,1,1-Trichloroethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Carbon Tetrachloride	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Vinyl Acetate	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
Bromodichloromethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,2-Dichloropropane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
cis-1,3-Dichloropropene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Trichloroethene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	260 E	580	45	51
Dibromochloromethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,1,2-Trichloroethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Benzene	EPA 8260B	1.2 U		1 U		0.9 U	1.6	1.2 U	0.9	51 U	1.1 U	1 U
trans-1,3-Dichloropropene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
2-Chloroethylvinylether	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 UR	260 U	5.5 UR	5.2 UR
Bromoform	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Methyl isobutyl ketone	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
2-Hexanone	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
Tetrachloroethene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Toluene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Chlorobenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Ethylbenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Styrene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Trichlorofluoromethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.4 U		2 U		1.8 U	2.2 U	2.4 U	1.7 U	100 U	2.2 U	2.1 U
m,p-Xylene	EPA 8260B	1.2 U		1 U		1	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
o-Xylene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,2-Dichlorobenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,3-Dichlorobenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,4-Dichlorobenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Acrolein	EPA 8260B	59 U		50 U		46 U	54 U	61 U	44 U	2600 U	55 U	52 U
Methyl Iodide	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Bromoethane	EPA 8260B	2.4 U		2 U		1.8 U	2.2 U	2.4 U	1.7 U	100 U	2.2 U	2.1 U
Acrylonitrile	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
1,1-Dichloropropene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Dibromomethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
1,2,3-Trichloropropane	EPA 8260B	2.4 U		2 U		1.8 U	2.2 U	2.4 U	1.7 U	100 U	2.2 U	2.1 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
1,3,5-Trimethylbenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Hexachlorobutadiene	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
Ethylene Dibromide	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Bromochloromethane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
2,2-Dichloropropane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,3-Dichloropropane	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Isopropylbenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
n-Propylbenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
Bromobenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
2-Chlorotoluene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
4-Chlorotoluene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
tert-Butylbenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
sec-Butylbenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
4-Isopropyltoluene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
n-Butylbenzene	EPA 8260B	1.2 U		1 U		0.9 U	1.1 U	1.2 U	0.9 U	51 U	1.1 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
Naphthalene	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
1,2,3-Trichlorobenzene	EPA 8260B	5.9 U		5 U		4.6 U	5.4 U	6.1 U	4.4 U	260 U	5.5 U	5.2 U
SVOCs (µg/kg)												
Phenol	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
bis(2-Chloroethyl)ether	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 6/12/2008	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 Reextract 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 Reextract 6/12/2008	2-40-DP-018 0 - 1 2-40-DP-18-01-S-0 6/6/2008	2-40-DP-018 4 - 5 2-40-DP-18-04-S-0 6/6/2008	2-40-DP-018 9 - 10 2-40-DP-18-09-S-0 6/6/2008	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 5/19/2008	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 Reanalysis 5/19/2008	2-40-DP-019 4 - 5 2-40-DP-19-04-S-0 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 5/19/2008
2-Chlorophenol	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
1,3-Dichlorobenzene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
1,4-Dichlorobenzene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Benzyl Alcohol	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
1,2-Dichlorobenzene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
2-Methylphenol	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 UJ	65 UJ	65 UJ				
4-Methylphenol	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
N-Nitroso-Di-N-Propylamine	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
Hexachloroethane	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Nitrobenzene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Isophorone	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
2-Nitrophenol	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
2,4-Dimethylphenol	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Benzoic Acid	EPA 8270D	660 U	660 UJ	660 U	650 UJ	650 U	650 U	650 U				
bis(2-Chloroethoxy)methane	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
2,4-Dichlorophenol	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
1,2,4-Trichlorobenzene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Naphthalene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
4-Chloroaniline	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
Hexachlorobutadiene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
4-Chloro-3-methylphenol	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
2-Methylnaphthalene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Hexachlorocyclopentadiene	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
2,4,6-Trichlorophenol	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
2,4,5-Trichlorophenol	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
2-Chloronaphthalene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
2-Nitroaniline	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
Dimethylphthalate	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Acenaphthylene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
3-Nitroaniline	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
Acenaphthene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
2,4-Dinitrophenol	EPA 8270D	660 UJ	660 UJ	660 UJ	650 UJ	650 UJ	650 UJ	650 UJ				
4-Nitrophenol	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
Dibenzofuran	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
2,6-Dinitrotoluene	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
2,4-Dinitrotoluene	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
Diethylphthalate	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
4-Chlorophenyl-phenylether	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Fluorene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
4-Nitroaniline	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
4,6-Dinitro-2-Methylphenol	EPA 8270D	660 U	660 UJ	660 U	650 UJ	650 U	650 U	650 U				
N-Nitrosodiphenylamine	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
4-Bromophenyl-phenylether	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Hexachlorobenzene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Pentachlorophenol	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
Phenanthrene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Carbazole	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Anthracene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Di-n-Butylphthalate	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Fluoranthene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Pyrene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Butylbenzylphthalate	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
3,3'-Dichlorobenzidine	EPA 8270D	330 U	330 UJ	330 U	330 UJ	330 U	330 U	320 U				
Benzo(a)anthracene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
bis(2-Ethylhexyl)phthalate	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Chrysene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Di-n-octylphthalate	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Benzo(b)fluoranthene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Benzo(k)fluoranthene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Benzo(a)pyrene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Indeno(1,2,3-cd)pyrene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Dibenz(a,h)anthracene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Benzo(g,h,i)perylene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
1-Methylnaphthalene	EPA 8270D	66 U	66 UJ	66 U	65 UJ	65 U	65 U	65 U				
Naphthalene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
2-Methylnaphthalene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
1-Methylnaphthalene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Acenaphthylene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Acenaphthene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Fluorene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Phenanthrene	EPA 8270DSIM	4.8 U		8.2		5 U	5 U	4.8 U				
Anthracene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Fluoranthene	EPA 8270DSIM	4.8		5.3		5 U	5 U	4.8 U				
Pyrene	EPA 8270DSIM	5.3		4.8 U		5 U	5 U	4.8 U				

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 6/12/2008	2-40-DP-017 4 - 5 2-40-DP-17-04-S-0 Reextract 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 6/12/2008	2-40-DP-017 9 - 10 2-40-DP-17-09-S-0 Reextract 6/12/2008	2-40-DP-018 0 - 1 2-40-DP-18-01-S-0 6/6/2008	2-40-DP-018 4 - 5 2-40-DP-18-04-S-0 6/6/2008	2-40-DP-018 9 - 10 2-40-DP-18-09-S-0 6/6/2008	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 5/19/2008	2-40-DP-019 0 - 1 2-40-DP-19-01-S-0 Reanalysis 5/19/2008	2-40-DP-019 4 - 5 2-40-DP-19-04-S-0 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 5/19/2008
Benzo(a)anthracene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Chrysene	EPA 8270DSIM	4.8		4.8 U		5 U	5 U	4.8 U				
Benzo(b)fluoranthene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Benzo(k)fluoranthene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Benzo(a)pyrene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Dibenz(a,h)anthracene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Benzo(g,h,i)perylene	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
Dibenzofuran	EPA 8270DSIM	4.8 U		4.8 U		5 U	5 U	4.8 U				
PCBs (µg/kg)												
Aroclor 1016	EPA 8082											
Aroclor 1242	EPA 8082											
Aroclor 1248	EPA 8082											
Aroclor 1254	EPA 8082											
Aroclor 1260	EPA 8082											
Aroclor 1221	EPA 8082											
Aroclor 1232	EPA 8082											
Aroclor 1262	EPA 8082											
Aroclor 1268	EPA 8082											
Total PCB	EPA 8082											
Inorganics (mg/kg)												
Aluminum	EPA 6010B	9380		14600		11400	11900	15600	11000		8350	8000
Antimony	EPA 6010B	5 UJ		6 UJ		5 UJ	5 UJ	6 UJ	5 UJ		5 UJ	5 UJ
Arsenic	EPA 6010B	5 U		6 U		5 U	5 U	6 U	5 U		5 U	5 U
Barium	EPA 6010B	29.1		55.3		45	48.2	54.6	39.3		22.7	23.8
Beryllium	EPA 6010B	0.1		0.2		0.1	0.2	0.2	0.1		0.1 U	0.1 U
Cadmium	EPA 6010B	0.2 U		0.2 U		0.2 U	0.2 U	0.3 U	0.2 U		0.2 U	0.2 U
Calcium	EPA 6010B	4270		5170		3310 J	4300	4520	4210		4240	3840
Chromium	EPA 6010B	11.2		16.3		22.3	23.6	17.4	13.8		11.2	12.1
Cobalt	EPA 6010B	4.4		6.3		5.7	6.4	5.8	5.4		4.3	4.1
Copper	EPA 6010B	12.2		18.8		11.4	14.2	23.1	16.1		9.2	9.4
Iron	EPA 6010B	13200		17700		13900	15000	17800	14700		13200	12000
Lead	EPA 6010B	3		4		3	4	6	3		2 U	2 U
Magnesium	EPA 6010B	2760		3950		4920	4260	3600	3110 J		2490	2300
Manganese	EPA 6010B	135		235		218	216	164	162		146	117
Mercury	EPA 7471A	0.04 U		0.04 U		0.04 U	0.04 U	0.06	0.04 U		0.04 U	0.04 U
Molybdenum	EPA 6010B	0.5 U		0.6		0.5 U	1.4	0.8	0.9		0.7	0.9
Nickel	EPA 6010B	9		12		31	24	12	12		9	9
Selenium	EPA 6010B	5 U		6 U		5 U	5 U	6 U	5 U		5 U	5 U
Silver	EPA 6010B	0.3 U		0.4 U		0.3 U	0.3 U	0.4 U	0.3 U		0.3 U	0.3 U
Thallium	EPA 7841	0.1		0.2		0.1	0.1 U	0.1 U	0.1 U		0.1 U	0.1 U
Tin	EPA 6010B	1 U		1 U		1 U	1 U	1 U	1 U		1 U	1 U
Vanadium	EPA 6010B	40.2		49.1		35	39.7	51.8	46		42.8	40.2
Zinc	EPA 6010B	26		39		27	32	35	34		26	23
Cyanide	EPA 335.2	0.05 U		0.063 U		0.049 U	0.05 U	0.062 U	0.051 U		0.05 U	0.048 U
Chromium(VI)	SM3500CrD											
Total Solids (%)	EPA 160.3	94.7		79.2		96.2	95.2	76.7	87.6		96.7	96
Total Organic Carbon (%)	Plumb 1981											
Petroleum Hydrocarbons (mg/kg)												
TPH - Gasoline Range	NWTPH-Gx	6.2 U		6 U		5.6 U	5 U	8.8 U	5 U		6.2 U	5.2 U
TPH - Diesel Range	NWTPH-Dx-Cleaned	5.3 U		5.6 U		5.2 U	5.2 U	6.5 U	5.4 U		5.2 U	5.3 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	11 U		11 U		10 U	10 U	13 U	11		11	12

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reanalysis 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reextract 5/19/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 7/3/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 Reanalysis 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 Reanalysis 7/3/2008	2-40-DP-020 9 - 10 2-40-DP-20-09-S-0 7/3/2008	2-40-DP-021 0 - 1 2-40-DP-21-01-S-0 6/20/2008	2-40-DP-021 4 - 5 2-40-DP-21-04-S-0 6/20/2008	2-40-DP-021 9 - 10 2-40-DP-21-09-S-0 6/20/2008	2-40-DP-022 0 - 1 2-40-DP-22-01-S-0 6/19/2008
VOCs (µg/kg)												
Chloromethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Bromomethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Vinyl Chloride	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Chloroethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Methylene Chloride	EPA 8260B	100 U	2.4	6.6 U	2.1 U	2.4 U	7.2 U	2.2 U	2.4 U	2.7 U	2.8 U	1.7 U
Acetone	EPA 8260B	250 U	28	52 J	53	48 U	40 U	43 U	55	46	77	99
Carbon Disulfide	EPA 8260B	50 U	1.8	1.1 U	1 U	1.2 U	1.2 U	3.6	2.5	1.3 U	1.4 U	0.9 U
1,1-Dichloroethene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,1-Dichloroethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
trans-1,2-Dichloroethene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
cis-1,2-Dichloroethene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Chloroform	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,2-Dichloroethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
2-Butanone	EPA 8260B	250 U	4.4 U	5.4 U	5.3	5.9 U	6 U	6	6.1	6.6 U	13	7.4
1,1,1-Trichloroethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Carbon Tetrachloride	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Vinyl Acetate	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
Bromodichloromethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,2-Dichloropropane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
cis-1,3-Dichloropropene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Trichloroethene	EPA 8260B	1300	150	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Dibromochloromethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,1,2-Trichloroethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Benzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.3	1.2 U	1.3 U	3.3	1.7
trans-1,3-Dichloropropene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
2-Chloroethylvinylether	EPA 8260B	250 UR	4.4 U	5.4 UR	5.3 UR	5.9 UR	6 UR	5.5 UR	6 U	6.6 U	7 U	4.4 U
Bromoform	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Methyl isobutyl ketone	EPA 8260B	250 U	4.4 U	16 J	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
2-Hexanone	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
Tetrachloroethene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,1,2,2-Tetrachloroethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Toluene	EPA 8260B	50 U	0.9 U	1.8 J	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Chlorobenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Ethylbenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Styrene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Trichlorofluoromethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	100 U	1.8 U	2.2 U	2.1 U	2.4 U	2.4 U	2.2 U	2.4 U	2.7 U	2.8 U	1.7 U
m,p-Xylene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
o-Xylene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,2-Dichlorobenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,3-Dichlorobenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,4-Dichlorobenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Acrolein	EPA 8260B	2500 U	44 U	54 UR	53 UR	59 UR	60 UR	55 UR	60 U	66 U	70 U	44 U
Methyl Iodide	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 UJ
Bromoethane	EPA 8260B	100 U	1.8 U	2.2 U	2.1 U	2.4 U	2.4 U	2.2 U	2.4 U	2.7 U	2.8 U	1.7 U
Acrylonitrile	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
1,1-Dichloropropene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Dibromomethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,1,1,2-Tetrachloroethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,2-Dibromo-3-chloropropane	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
1,2,3-Trichloropropane	EPA 8260B	100 U	1.8 U	2.2 U	2.1 U	2.4 U	2.4 U	2.2 U	2.4 U	2.7 U	2.8 U	1.7 U
trans-1,4-Dichloro-2-butene	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
1,3,5-Trimethylbenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Hexachlorobutadiene	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
Ethylene Dibromide	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Bromochloromethane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
2,2-Dichloropropane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,3-Dichloropropane	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Isopropylbenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
n-Propylbenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
Bromobenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
2-Chlorotoluene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
4-Chlorotoluene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
tert-Butylbenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
sec-Butylbenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
4-Isopropyltoluene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
n-Butylbenzene	EPA 8260B	50 U	0.9 U	1.1 U	1 U	1.2 U	1.2 U	1.1 U	1.2 U	1.3 U	1.4 U	0.9 U
1,2,4-Trichlorobenzene	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
Naphthalene	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
1,2,3-Trichlorobenzene	EPA 8260B	250 U	4.4 U	5.4 U	5.3 U	5.9 U	6 U	5.5 U	6 U	6.6 U	7 U	4.4 U
SVOCs (µg/kg)												
Phenol	EPA 8270D											
bis(2-Chloroethyl)ether	EPA 8270D											

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reanalysis 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reextract 5/19/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 7/3/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 Reanalysis 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 Reanalysis 7/3/2008	2-40-DP-020 9 - 10 2-40-DP-20-09-S-0 7/3/2008	2-40-DP-021 0 - 1 2-40-DP-21-01-S-0 6/20/2008	2-40-DP-021 4 - 5 2-40-DP-21-04-S-0 6/20/2008	2-40-DP-021 9 - 10 2-40-DP-21-09-S-0 6/20/2008	2-40-DP-022 0 - 1 2-40-DP-22-01-S-0 6/19/2008
2-Chlorophenol	EPA 8270D											
1,3-Dichlorobenzene	EPA 8270D											
1,4-Dichlorobenzene	EPA 8270D											
Benzyl Alcohol	EPA 8270D											
1,2-Dichlorobenzene	EPA 8270D											
2-Methylphenol	EPA 8270D											
2,2'-Oxybis(1-Chloropropane)	EPA 8270D											
4-Methylphenol	EPA 8270D											
N-Nitroso-Di-N-Propylamine	EPA 8270D											
Hexachloroethane	EPA 8270D											
Nitrobenzene	EPA 8270D											
Isophorone	EPA 8270D											
2-Nitrophenol	EPA 8270D											
2,4-Dimethylphenol	EPA 8270D											
Benzoic Acid	EPA 8270D											
bis(2-Chloroethoxy)methane	EPA 8270D											
2,4-Dichlorophenol	EPA 8270D											
1,2,4-Trichlorobenzene	EPA 8270D											
Naphthalene	EPA 8270D											
4-Chloroaniline	EPA 8270D											
Hexachlorobutadiene	EPA 8270D											
4-Chloro-3-methylphenol	EPA 8270D											
2-Methylnaphthalene	EPA 8270D											
Hexachlorocyclopentadiene	EPA 8270D											
2,4,6-Trichlorophenol	EPA 8270D											
2,4,5-Trichlorophenol	EPA 8270D											
2-Chloronaphthalene	EPA 8270D											
2-Nitroaniline	EPA 8270D											
Dimethylphthalate	EPA 8270D											
Acenaphthylene	EPA 8270D											
3-Nitroaniline	EPA 8270D											
Acenaphthene	EPA 8270D											
2,4-Dinitrophenol	EPA 8270D											
4-Nitrophenol	EPA 8270D											
Dibenzofuran	EPA 8270D											
2,6-Dinitrotoluene	EPA 8270D											
2,4-Dinitrotoluene	EPA 8270D											
Diethylphthalate	EPA 8270D											
4-Chlorophenyl-phenylether	EPA 8270D											
Fluorene	EPA 8270D											
4-Nitroaniline	EPA 8270D											
4,6-Dinitro-2-Methylphenol	EPA 8270D											
N-Nitrosodiphenylamine	EPA 8270D											
4-Bromophenyl-phenylether	EPA 8270D											
Hexachlorobenzene	EPA 8270D											
Pentachlorophenol	EPA 8270D											
Phenanthrene	EPA 8270D											
Carbazole	EPA 8270D											
Anthracene	EPA 8270D											
Di-n-Butylphthalate	EPA 8270D											
Fluoranthene	EPA 8270D											
Pyrene	EPA 8270D											
Butylbenzylphthalate	EPA 8270D											
3,3'-Dichlorobenzidine	EPA 8270D											
Benzo(a)anthracene	EPA 8270D											
bis(2-Ethylhexyl)phthalate	EPA 8270D											
Chrysene	EPA 8270D											
Di-n-octylphthalate	EPA 8270D											
Benzo(b)fluoranthene	EPA 8270D											
Benzo(k)fluoranthene	EPA 8270D											
Benzo(a)pyrene	EPA 8270D											
Indeno(1,2,3-cd)pyrene	EPA 8270D											
Dibenz(a,h)anthracene	EPA 8270D											
Benzo(g,h,i)perylene	EPA 8270D											
1-Methylnaphthalene	EPA 8270D											
Naphthalene	EPA 8270DSIM											
2-Methylnaphthalene	EPA 8270DSIM											
1-Methylnaphthalene	EPA 8270DSIM											
Acenaphthylene	EPA 8270DSIM											
Acenaphthene	EPA 8270DSIM											
Fluorene	EPA 8270DSIM											
Phenanthrene	EPA 8270DSIM											
Anthracene	EPA 8270DSIM											
Fluoranthene	EPA 8270DSIM											
Pyrene	EPA 8270DSIM											

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reanalysis 5/19/2008	2-40-DP-019 9 - 10 2-40-DP-19-09-S-0 Reextract 5/19/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 7/3/2008	2-40-DP-020 0 - 1 2-40-DP-20-01-S-0 Reanalysis 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 7/3/2008	2-40-DP-020 4 - 5 2-40-DP-20-04-S-0 Reanalysis 7/3/2008	2-40-DP-020 9 - 10 2-40-DP-20-09-S-0 7/3/2008	2-40-DP-021 0 - 1 2-40-DP-21-01-S-0 6/20/2008	2-40-DP-021 4 - 5 2-40-DP-21-04-S-0 6/20/2008	2-40-DP-021 9 - 10 2-40-DP-21-09-S-0 6/20/2008	2-40-DP-022 0 - 1 2-40-DP-22-01-S-0 6/19/2008
Benzo(a)anthracene	EPA 8270DSIM											
Chrysene	EPA 8270DSIM											
Benzo(b)fluoranthene	EPA 8270DSIM											
Benzo(k)fluoranthene	EPA 8270DSIM											
Benzo(a)pyrene	EPA 8270DSIM											
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM											
Dibenz(a,h)anthracene	EPA 8270DSIM											
Benzo(g,h,i)perylene	EPA 8270DSIM											
Dibenzofuran	EPA 8270DSIM											
PCBs (µg/kg)												
Aroclor 1016	EPA 8082								32 U	33 U	33 U	33 U
Aroclor 1242	EPA 8082								32 U	33 U	33 U	33 U
Aroclor 1248	EPA 8082								32 U	33 U	33 U	33 U
Aroclor 1254	EPA 8082								32 U	33 U	33 U	33 U
Aroclor 1260	EPA 8082								32 U	33 U	33 U	33 U
Aroclor 1221	EPA 8082								32 U	33 U	33 U	33 U
Aroclor 1232	EPA 8082								32 U	33 U	33 U	33 U
Aroclor 1262	EPA 8082								32 U	33 U	33 U	33 U
Aroclor 1268	EPA 8082								32 U	33 U	33 U	33 U
Total PCB	EPA 8082								32 U	33 U	33 U	33 U
Inorganics (mg/kg)												
Aluminum	EPA 6010B			8390		7760		14500	9100	7880	24300	14300
Antimony	EPA 6010B			5 UJ		5 UJ		7 UJ	5 UJ	5 UJ	8 UJ	5 UJ
Arsenic	EPA 6010B			5 U		5 U		10	5 U	5 U	13	8
Barium	EPA 6010B			31.5		25.5		54.8	27	25.2	83.3	70.4
Beryllium	EPA 6010B			0.1		0.1		0.2	0.1 U	0.1 U	0.4	0.2
Cadmium	EPA 6010B			0.2 U		0.2 U		0.3 U	0.2 U	0.2 U	0.5	0.2 U
Calcium	EPA 6010B			4810		3720		5120	4230	3530	6200	5790
Chromium	EPA 6010B			11.2		11.4		17.2	14.1	11.8	28.5	17.5
Cobalt	EPA 6010B			5.2		4.4		6.9	4.7	4.2	9.7	6.4
Copper	EPA 6010B			12.5		10.8		23	9.8	9.7	48.5	24
Iron	EPA 6010B			13100		12700		20200	12900	11900	30900	22700
Lead	EPA 6010B			2 U		2 U		5	2 U	2 U	16	6
Magnesium	EPA 6010B			2860		2520		4240	2710	2420	7230	3710
Manganese	EPA 6010B			118		118		199	132	120	322	231
Mercury	EPA 7471A			0.04 U		0.05 U		0.1	0.04 U	0.04 U	0.21	0.06
Molybdenum	EPA 6010B			0.5 U		0.5 U		0.7 U	0.7	0.8	1.6	0.7
Nickel	EPA 6010B			10		9		15	10	9	25	11
Selenium	EPA 6010B			5 U		5 U		7 U	5 U	5 U	8 U	5 U
Silver	EPA 6010B			0.3 U		0.3 U		0.4 U	0.3 U	0.3 U	0.5 U	0.3 U
Thallium	EPA 7841			0.2		0.2		0.1 U	0.09 U	0.1 U	0.2	0.1 U
Tin	EPA 6010B			1 U		1 U		1 U	1 U	1 U	2 U	1 U
Vanadium	EPA 6010B			39.9		40.7		48.8	37.8	36.1	75.1	54.5
Zinc	EPA 6010B			28		25		39	28	25	76	37
Cyanide	EPA 335.2								0.047 U	0.049 U	0.072 U	0.053 U
Chromium(VI)	SM3500CrD											
Total Solids (%)	EPA 160.3								96.9	97.1	60.7	92.1
Total Organic Carbon (%)	Plumb 1981											
Petroleum Hydrocarbons (mg/kg)												
TPH - Gasoline Range	NWTPH-Gx			17 J		5.9 U		6.9 U				
TPH - Diesel Range	NWTPH-Dx-Cleaned			5.2 U		5.2 U		12 J				
TPH - Motor Oil Range	NWTPH-Dx-Cleaned			10 U		10 U		20				

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-022 4 - 5 2-40-DP-22-04-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 Reanalysis 6/19/2008	2-40-DP-023 0 - 1 2-40-DP-23-01-S-0 6/30/2008	2-40-DP-023 4 - 5 2-40-DP-23-04-S-0 6/30/2008	2-40-DP-023 9 - 10 2-40-DP-23-09-S-0 6/30/2008	2-40-DP-024 0 - 1 2-40-DP-24-01-S-0 6/10/2008	2-40-DP-024 4 - 5 2-40-DP-24-04-S-0 6/10/2008	2-40-DP-024 9 - 10 2-40-DP-24-09-S-0 6/10/2008	2-40-DP-025 0 - 1 2-40-DP-25-01-S-0 7/3/2008	2-40-DP-025 4 - 5 2-40-DP-25-04-S-0 7/3/2008	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 7/3/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Bromomethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UR	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Vinyl Chloride	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 UJ	1.1 UJ	1.5 UJ	1.2 UJ	1.1 U	1.1 U
Chloroethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 UJ	1.1 UJ	1.5 UJ	1.2 UJ	1.1 U	1.1 U
Methylene Chloride	EPA 8260B	2.6 U	3.1 U	3.5 U	3.1 UJ	3.2 U	2.3 U	2 U	2.2 U	3 U	13 U	3.4 U	2.1 U
Acetone	EPA 8260B	50	120	72	46 J	26	60	38	240	82	48 U	80	43 U
Carbon Disulfide	EPA 8260B	1.3 U	4.5	6.8	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,1-Dichloroethene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,1-Dichloroethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
trans-1,2-Dichloroethene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Chloroform	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,2-Dichloroethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
2-Butanone	EPA 8260B	6.4 U	18	10	7.7 UJ	6.3 U	8.7	4.9 U	11	10	6 UJ	5.6 U	5.4 U
1,1,1-Trichloroethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Carbon Tetrachloride	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Vinyl Acetate	EPA 8260B	6.4 U	7.8 U	8.7 U	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UR	5.6 U	5.4 U
Bromodichloromethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,2-Dichloropropane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
cis-1,3-Dichloropropene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Trichloroethene	EPA 8260B	1.3 U	1.6 U	1.7 U	16 J	9.2	1.1 U	2.4	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Dibromochloromethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,1,2-Trichloroethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Benzene	EPA 8260B	1.3 U	7.2	3.4	1.6 UJ	1.3 U	1.9	1	1.3	2.1	1.2 UJ	1.1 U	1.1 J
trans-1,3-Dichloropropene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
2-Chloroethylvinylether	EPA 8260B	6.4 U	7.8 U	8.7 U	7.7 UR	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UR	5.6 UR	5.4 UR
Bromoform	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Methyl isobutyl ketone	EPA 8260B	6.4 U	7.8 U	8.7 U	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
2-Hexanone	EPA 8260B	6.4 U	7.8 U	8.7 U	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
Tetrachloroethene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.3 J	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Toluene	EPA 8260B	1.3 U	1.6	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Chlorobenzene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Ethylbenzene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Styrene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Trichlorofluoromethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.6 U	3.1 U	3.5 U	3.1 UJ	2.5 U	2.3 U	2 U	2.2 U	3 U	2.4 UJ	2.2 U	2.1 U
m,p-Xylene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
o-Xylene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,2-Dichlorobenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,3-Dichlorobenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,4-Dichlorobenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Acrolein	EPA 8260B	64 U	78 U	87 U	77 UJ	63 U	57 U	49 U	55 U	74 U	60 UR	56 UR	54 UR
Methyl Iodide	EPA 8260B	1.3 UJ	1.6 UJ	1.7 UJ	1.6 UR	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Bromoethane	EPA 8260B	2.6 U	3.1 U	3.5 U	3.1 UJ	2.5 U	2.3 U	2 U	2.2 U	3 U	2.4 UJ	2.2 U	2.1 U
Acrylonitrile	EPA 8260B	6.4 U	7.8 U	8.7 U	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
1,1-Dichloropropene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Dibromomethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	6.4 U	7.8 UJ	8.7 UJ	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
1,2,3-Trichloropropane	EPA 8260B	2.6 U	3.1 UJ	3.5 UJ	3.1 UJ	2.5 U	2.3 U	2 U	2.2 U	3 U	2.4 UJ	2.2 U	2.1 U
trans-1,4-Dichloro-2-butene	EPA 8260B	6.4 U	7.8 UJ	8.7 UJ	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Hexachlorobutadiene	EPA 8260B	6.4 U	7.8 UJ	8.7 UJ	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
Ethylene Dibromide	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Bromochloromethane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
2,2-Dichloropropane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,3-Dichloropropane	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Isopropylbenzene	EPA 8260B	1.3 U	1.6 U	1.7 U	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
n-Propylbenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
Bromobenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
2-Chlorotoluene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
4-Chlorotoluene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
tert-Butylbenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
sec-Butylbenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
4-Isopropyltoluene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
n-Butylbenzene	EPA 8260B	1.3 U	1.6 UJ	1.7 UJ	1.6 UJ	1.3 U	1.1 U	1 U	1.1 U	1.5 U	1.2 UJ	1.1 U	1.1 U
1,2,4-Trichlorobenzene	EPA 8260B	6.4 U	7.8 UJ	8.7 UJ	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
Naphthalene	EPA 8260B	6.4 U	7.8 UJ	8.7 UJ	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
1,2,3-Trichlorobenzene	EPA 8260B	6.4 U	7.8 UJ	8.7 UJ	7.7 UJ	6.3 U	5.7 U	4.9 U	5.5 U	7.4 U	6 UJ	5.6 U	5.4 U
SVOCs (µg/kg)													
Phenol	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
bis(2-Chloroethyl)ether	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-022 4 - 5 2-40-DP-22-04-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 Reanalysis 6/19/2008	2-40-DP-023 0 - 1 2-40-DP-23-01-S-0 6/30/2008	2-40-DP-023 4 - 5 2-40-DP-23-04-S-0 6/30/2008	2-40-DP-023 9 - 10 2-40-DP-23-09-S-0 6/30/2008	2-40-DP-024 0 - 1 2-40-DP-24-01-S-0 6/10/2008	2-40-DP-024 4 - 5 2-40-DP-24-04-S-0 6/10/2008	2-40-DP-024 9 - 10 2-40-DP-24-09-S-0 6/10/2008	2-40-DP-025 0 - 1 2-40-DP-25-01-S-0 7/3/2008	2-40-DP-025 4 - 5 2-40-DP-25-04-S-0 7/3/2008	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 7/3/2008
2-Chlorophenol	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
1,3-Dichlorobenzene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
1,4-Dichlorobenzene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Benzyl Alcohol	EPA 8270D							330 U	310 U	320 U	64 U	61 U	64 U
1,2-Dichlorobenzene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
2-Methylphenol	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
4-Methylphenol	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
N-Nitroso-Di-N-Propylamine	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
Hexachloroethane	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Nitrobenzene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Isophorone	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
2-Nitrophenol	EPA 8270D							330 U	310 U	320 U	64 U	61 U	64 U
2,4-Dimethylphenol	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Benzoic Acid	EPA 8270D							670 U	630 U	650 U	640 U	610 U	640 U
bis(2-Chloroethoxy)methane	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
2,4-Dichlorophenol	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
1,2,4-Trichlorobenzene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Naphthalene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
4-Chloroaniline	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
Hexachlorobutadiene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
4-Chloro-3-methylphenol	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
2-Methylnaphthalene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Hexachlorocyclopentadiene	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
2,4,6-Trichlorophenol	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
2,4,5-Trichlorophenol	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
2-Chloronaphthalene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
2-Nitroaniline	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
Dimethylphthalate	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Acenaphthylene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
3-Nitroaniline	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
Acenaphthene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
2,4-Dinitrophenol	EPA 8270D							670 UR	630 UR	650 UR	640 UJ	610 UJ	640 UJ
4-Nitrophenol	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
Dibenzofuran	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
2,6-Dinitrotoluene	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
2,4-Dinitrotoluene	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
Diethylphthalate	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
4-Chlorophenyl-phenylether	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Fluorene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
4-Nitroaniline	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
4,6-Dinitro-2-Methylphenol	EPA 8270D							670 U	630 U	650 U	640 U	610 U	640 U
N-Nitrosodiphenylamine	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
4-Bromophenyl-phenylether	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Hexachlorobenzene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Pentachlorophenol	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
Phenanthrene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Carbazole	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Anthracene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Di-n-Butylphthalate	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Fluoranthene	EPA 8270D							67 U	63 U	80	64 U	61 U	64 U
Pyrene	EPA 8270D							67 U	63 U	77	64 U	61 U	64 U
Butylbenzylphthalate	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
3,3'-Dichlorobenzidine	EPA 8270D							330 U	310 U	320 U	320 U	310 U	320 U
Benzo(a)anthracene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
bis(2-Ethylhexyl)phthalate	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Chrysene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Di-n-octylphthalate	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Benzo(b)fluoranthene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Benzo(k)fluoranthene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Benzo(a)pyrene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Indeno(1,2,3-cd)pyrene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Dibenz(a,h)anthracene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Benzo(g,h,i)perylene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
1-Methylnaphthalene	EPA 8270D							67 U	63 U	65 U	64 U	61 U	64 U
Naphthalene	EPA 8270DSIM							4.8 U	4.5 U	17	4.7 U	4.6 U	4.6 U
2-Methylnaphthalene	EPA 8270DSIM							4.8 U	4.5 U	14	4.7 U	4.6 U	4.6 U
1-Methylnaphthalene	EPA 8270DSIM							4.8 U	4.5 U	13	4.7 U	4.6 U	4.6 U
Acenaphthylene	EPA 8270DSIM							4.8 U	4.5 U	4.9 U	4.7 U	4.6 U	4.6 U
Acenaphthene	EPA 8270DSIM							4.8 U	4.5 U	21	4.7 U	4.6 U	4.6 U
Fluorene	EPA 8270DSIM							4.8 U	4.5 U	24	4.7 U	4.6 U	4.6 U
Phenanthrene	EPA 8270DSIM							13	5.4	62	4.7 U	7.3	4.6 U
Anthracene	EPA 8270DSIM							4.8 U	4.5 U	13	4.7 U	4.6 U	4.6 U
Fluoranthene	EPA 8270DSIM							14	4.5 U	92	4.7 U	10	4.6 U
Pyrene	EPA 8270DSIM							9.2	4.5 U	65	4.7 U	9.1	4.6 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-022 4 - 5 2-40-DP-22-04-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 6/19/2008	2-40-DP-022 9 - 10 2-40-DP-22-09-S-0 Reanalysis 6/19/2008	2-40-DP-023 0 - 1 2-40-DP-23-01-S-0 6/30/2008	2-40-DP-023 4 - 5 2-40-DP-23-04-S-0 6/30/2008	2-40-DP-023 9 - 10 2-40-DP-23-09-S-0 6/30/2008	2-40-DP-024 0 - 1 2-40-DP-24-01-S-0 6/10/2008	2-40-DP-024 4 - 5 2-40-DP-24-04-S-0 6/10/2008	2-40-DP-024 9 - 10 2-40-DP-24-09-S-0 6/10/2008	2-40-DP-025 0 - 1 2-40-DP-25-01-S-0 7/3/2008	2-40-DP-025 4 - 5 2-40-DP-25-04-S-0 7/3/2008	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 7/3/2008
Benzo(a)anthracene	EPA 8270DSIM							4.8 U	4.5 U	22	4.7 U	4.6 U	4.6 U
Chrysene	EPA 8270DSIM							7.8	4.5 U	26	4.7 U	6.4	4.6 U
Benzo(b)fluoranthene	EPA 8270DSIM							6.3	4.5 U	21	4.7 U	6.4	4.6 U
Benzo(k)fluoranthene	EPA 8270DSIM							4.8 U	4.5 U	15	4.7 U	4.6 U	4.6 U
Benzo(a)pyrene	EPA 8270DSIM							4.8 U	4.5 U	11	4.7 U	4.6 U	4.6 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM							4.8 U	4.5 U	7.4	4.7 U	4.6 U	4.6 U
Dibenz(a,h)anthracene	EPA 8270DSIM							4.8 U	4.5 U	4.9 U	4.7 U	4.6 U	4.6 U
Benzo(g,h,i)perylene	EPA 8270DSIM							4.8 U	4.5 U	12	4.7 U	4.6 U	4.6 U
Dibenzofuran	EPA 8270DSIM							4.8 U	4.5 U	13	4.7 U	4.6 U	4.6 U
PCBs (µg/kg)													
Aroclor 1016	EPA 8082	33 U	33 U										
Aroclor 1242	EPA 8082	33 U	33 U										
Aroclor 1248	EPA 8082	33 U	33 U										
Aroclor 1254	EPA 8082	33 U	33 U										
Aroclor 1260	EPA 8082	33 U	33 U										
Aroclor 1221	EPA 8082	33 U	33 U										
Aroclor 1232	EPA 8082	33 U	33 U										
Aroclor 1262	EPA 8082	33 U	33 U										
Aroclor 1268	EPA 8082	33 U	33 U										
Total PCB	EPA 8082	33 U	33 U										
Inorganics (mg/kg)													
Aluminum	EPA 6010B	9040	23100		7260	11400	21500	11100	10400	23100	10500	9470	10900
Antimony	EPA 6010B	5 UJ	8 UJ		5 UJ	5 UJ	7 UJ	5 UJ	5 UJ	8 UJ	5 UJ	5 UJ	6 UJ
Arsenic	EPA 6010B	5 U	14		5 U	5 U	11	5 U	5 U	11	5 U	5 U	6 U
Barium	EPA 6010B	33	83.7		24.9	46.9	72.9	41	38.6	78.1	37.4	31.8	47.5
Beryllium	EPA 6010B	0.1	0.4		0.1	0.2	0.3	0.1	0.1	0.4	0.1	0.1	0.1
Cadmium	EPA 6010B	0.2 U	0.4		0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	3800	5250		3280	4680	5840	4820	4290	6470	4460	4240	5300
Chromium	EPA 6010B	11.5	28.5		11.3	13.8	24.9	13.7	14.9	27.3	12.9	15.1	13.2
Cobalt	EPA 6010B	4.6	9.5		4.1	5.2	6.7	5.4	5.2	9.1	4.9	5.2	4.5
Copper	EPA 6010B	10	48.4		8.9	13.7	38.4	14.8	11.8	41	13.3	11.4	17.1
Iron	EPA 6010B	13300	31000		11800	15900	20800	14500	13700	26600	17000	14600	12900
Lead	EPA 6010B	2 U	17		2	3	15	11	2	15	2 U	3	9
Magnesium	EPA 6010B	2610	6510		2380	3240	5470	3170	3200	6490	2880	3080	2550
Manganese	EPA 6010B	132	376		118	160	211	166	147	298	129	145	131
Mercury	EPA 7471A	0.09	0.25		0.04 U	0.05 U	0.26	0.04 U	0.05 U	0.17	0.05 U	0.05 U	0.07
Molybdenum	EPA 6010B	0.5 U	0.8 U		0.5 U	0.6	0.8	0.5 U	0.5 U	0.8 U	0.5 U	0.5 U	0.6
Nickel	EPA 6010B	8	21		7	11	17	11	10	21	10	11	9
Selenium	EPA 6010B	5 U	8 U		5 U	5 U	7 U	5 U	5 U	8 U	5 U	5 U	6 U
Silver	EPA 6010B	0.3 U	0.5 U		0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.5 U	0.3 U	0.3 U	0.4 U
Thallium	EPA 7841	0.1 U	0.2		0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.1 U	0.1	0.1 U
Tin	EPA 6010B	1 U	2 U		1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	2
Vanadium	EPA 6010B	39.7	76.7		37.3	45.3	66.2	44.3	41.3	73.6	47.8	44	42.5
Zinc	EPA 6010B	27	73		24	30	55	39	30	66	28	28	42
Cyanide	EPA 335.2	0.052 U	0.228		0.052 U	0.057 U	0.089	0.053 U	0.052 U	0.22	0.058 U	0.054 U	0.085
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3	95.2	59.2		94.6	84.2	68.4	93.7	93.7	58.8	86.2	89.7	78.6
Total Organic Carbon (%)	Plumb 1981												
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx										10 J	6.1 U	7.7 U
TPH - Diesel Range	NWTPH-Dx-Cleaned										5.6 U	6 J	6 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned										11 U	11 U	12 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 Reanalysis 7/3/2008	2-40-DP-026 0 - 1 2-40-DP-26-01-S-0 7/1/2008	2-40-DP-026 4 - 5 2-40-DP-26-04-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 Reanalysis 7/1/2008	2-40-DP-027 0 - 1 2-40-DP-27-01-S-0 6/5/2008	2-40-DP-027 4 - 5 2-40-DP-27-04-S-0 6/5/2008	2-40-DP-027 9 - 10 2-40-DP-27-09-S-0 6/5/2008	2-40-DP-028 0 - 1 2-40-DP-28-01-S-0 6/6/2008	2-40-DP-028 4 - 5 2-40-DP-28-04-S-0 6/6/2008	2-40-DP-028 9 - 10 2-40-DP-28-09-S-0 6/6/2008	2-40-DP-029 0 - 1 2-40-DP-29-01-S-0 6/3/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Bromomethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 UJ	1.3 UJ	1.5 UJ	1.2 U
Vinyl Chloride	EPA 8260B	1.1 U	1.5 U	1.3 U	1.5 Y	1.4 U	1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.3 UJ	1.5 UJ	1.2 UJ
Chloroethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Methylene Chloride	EPA 8260B	2.7 U	2.9 U	2.6 U	2.9 U	2.9 U	2 U	2.3 U	2.4 U	2.4 U	2.6 U	3.1 U	2.4 U
Acetone	EPA 8260B	48 U	89	17 U	220	400 J	28	36	85	40	18 U	40	31
Carbon Disulfide	EPA 8260B	1.1 U	1.5 U	1.3 U	8.6	7.5 J	1 U	1.2 U	28	1.2 U	1.3 U	1.5 U	1.2 U
1,1-Dichloroethene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,1-Dichloroethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
trans-1,2-Dichloroethene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
cis-1,2-Dichloroethene	EPA 8260B	1.1 U	1.5 U	1.3 U	2.9	2.4 J	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Chloroform	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,2-Dichloroethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
2-Butanone	EPA 8260B	5.6	7.3 U	6.4 U	28	85 J	5 U	5.8 U	6.6	5.9 U	6.6 U	7.7 U	5.9 U
1,1,1-Trichloroethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Carbon Tetrachloride	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Vinyl Acetate	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 U	7.3 U	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
Bromodichloromethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,2-Dichloropropane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
cis-1,3-Dichloropropene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Trichloroethene	EPA 8260B	1.1 U	3.6	3.5	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Dibromochloromethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,1,2-Trichloroethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Benzene	EPA 8260B	1.2	1.6	1.3 U	28	73 J	1 U	1.2 U	1.8	1.2 U	1.3 U	1.5 U	1.2 U
trans-1,3-Dichloropropene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
2-Chloroethylvinylether	EPA 8260B	5.4 UR	7.3 UR	6.4 UR	7.2 UR	7.3 U	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 UR	5.9 U
Bromoform	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Methyl isobutyl ketone	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 U	7.3 U	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
2-Hexanone	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 U	7.3 U	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
Tetrachloroethene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Toluene	EPA 8260B	1.1 U	1.5 U	1.3 U	6.1	12 J	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	2.8
Chlorobenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Ethylbenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Styrene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Trichlorofluoromethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.2 U	2.9 U	2.6 U	2.9 U	2.9 U	2 U	2.3 U	2.4 U	2.4 U	2.6 U	3.1 U	2.4 U
m,p-Xylene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.7 J	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
o-Xylene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,2-Dichlorobenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,3-Dichlorobenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,4-Dichlorobenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Acrolein	EPA 8260B	54 UR	73 UR	64 UR	72 UR	73 U	50 U	58 U	59 U	59 U	66 U	77 UR	59 U
Methyl Iodide	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Bromoethane	EPA 8260B	2.2 U	2.9 U	2.6 U	2.9 U	2.9 U	2 U	2.3 U	2.4 U	2.4 U	2.6 U	3.1 UJ	2.4 U
Acrylonitrile	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 U	7.3 U	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
1,1-Dichloropropene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Dibromomethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 UJ	7.3 UJ	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
1,2,3-Trichloropropane	EPA 8260B	2.2 U	2.9 U	2.6 U	2.9 UJ	2.9 UJ	2 U	2.3 U	2.4 U	2.4 U	2.6 U	3.1 U	2.4 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 UJ	7.3 UJ	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
1,3,5-Trimethylbenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Hexachlorobutadiene	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 UJ	7.3 UJ	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
Ethylene Dibromide	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Bromochloromethane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
2,2-Dichloropropane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,3-Dichloropropane	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 U	1.4 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Isopropylbenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
n-Propylbenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
Bromobenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
2-Chlorotoluene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
4-Chlorotoluene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
tert-Butylbenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
sec-Butylbenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
4-Isopropyltoluene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
n-Butylbenzene	EPA 8260B	1.1 U	1.5 U	1.3 U	1.4 UJ	1.4 UJ	1 U	1.2 U	1.2 U	1.2 U	1.3 U	1.5 U	1.2 U
1,2,4-Trichlorobenzene	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 UJ	7.3 UJ	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
Naphthalene	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 UJ	7.3 UJ	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
1,2,3-Trichlorobenzene	EPA 8260B	5.4 U	7.3 U	6.4 U	7.2 UJ	7.3 UJ	5 U	5.8 U	5.9 U	5.9 U	6.6 U	7.7 U	5.9 U
SVOCs (µg/kg)													
Phenol	EPA 8270D									64 U	65 U	65 U	
bis(2-Chloroethyl)ether	EPA 8270D									64 U	65 U	65 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 Reanalysis 7/3/2008	2-40-DP-026 0 - 1 2-40-DP-26-01-S-0 7/1/2008	2-40-DP-026 4 - 5 2-40-DP-26-04-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 Reanalysis 7/1/2008	2-40-DP-027 0 - 1 2-40-DP-27-01-S-0 6/5/2008	2-40-DP-027 4 - 5 2-40-DP-27-04-S-0 6/5/2008	2-40-DP-027 9 - 10 2-40-DP-27-09-S-0 6/5/2008	2-40-DP-028 0 - 1 2-40-DP-28-01-S-0 6/6/2008	2-40-DP-028 4 - 5 2-40-DP-28-04-S-0 6/6/2008	2-40-DP-028 9 - 10 2-40-DP-28-09-S-0 6/6/2008	2-40-DP-029 0 - 1 2-40-DP-29-01-S-0 6/3/2008
2-Chlorophenol	EPA 8270D									64 U	65 U	65 U	
1,3-Dichlorobenzene	EPA 8270D									64 U	65 U	65 U	
1,4-Dichlorobenzene	EPA 8270D									64 U	65 U	65 U	
Benzyl Alcohol	EPA 8270D									320 UJ	320 UJ	320 UJ	
1,2-Dichlorobenzene	EPA 8270D									64 U	65 U	65 U	
2-Methylphenol	EPA 8270D									64 U	65 U	65 U	
2,2'-Oxybis(1-Chloropropane)	EPA 8270D									64 UJ	65 UJ	65 UJ	
4-Methylphenol	EPA 8270D									64 U	65 U	65 U	
N-Nitroso-Di-N-Propylamine	EPA 8270D									320 U	320 U	320 U	
Hexachloroethane	EPA 8270D									64 U	65 U	65 U	
Nitrobenzene	EPA 8270D									64 U	65 U	65 U	
Isophorone	EPA 8270D									64 U	65 U	65 U	
2-Nitrophenol	EPA 8270D									320 U	320 U	320 U	
2,4-Dimethylphenol	EPA 8270D									64 U	65 U	65 U	
Benzoic Acid	EPA 8270D									640 U	650 U	650 U	
bis(2-Chloroethoxy)methane	EPA 8270D									64 U	65 U	65 U	
2,4-Dichlorophenol	EPA 8270D									320 U	320 U	320 U	
1,2,4-Trichlorobenzene	EPA 8270D									64 U	65 U	65 U	
Naphthalene	EPA 8270D									64 U	65 U	65 U	
4-Chloroaniline	EPA 8270D									320 U	320 U	320 U	
Hexachlorobutadiene	EPA 8270D									64 U	65 U	65 U	
4-Chloro-3-methylphenol	EPA 8270D									320 U	320 U	320 U	
2-Methylnaphthalene	EPA 8270D									64 U	65 U	65 U	
Hexachlorocyclopentadiene	EPA 8270D									320 U	320 U	320 U	
2,4,6-Trichlorophenol	EPA 8270D									320 U	320 U	320 U	
2,4,5-Trichlorophenol	EPA 8270D									320 U	320 U	320 U	
2-Chloronaphthalene	EPA 8270D									64 U	65 U	65 U	
2-Nitroaniline	EPA 8270D									320 U	320 U	320 U	
Dimethylphthalate	EPA 8270D									64 U	65 U	65 U	
Acenaphthylene	EPA 8270D									64 U	65 U	65 U	
3-Nitroaniline	EPA 8270D									320 U	320 U	320 U	
Acenaphthene	EPA 8270D									64 U	65 U	65 U	
2,4-Dinitrophenol	EPA 8270D									640 U	650 U	650 UJ	
4-Nitrophenol	EPA 8270D									320 U	320 U	320 U	
Dibenzofuran	EPA 8270D									64 U	65 U	65 U	
2,6-Dinitrotoluene	EPA 8270D									320 U	320 U	320 U	
2,4-Dinitrotoluene	EPA 8270D									320 U	320 U	320 U	
Diethylphthalate	EPA 8270D									64 U	65 U	65 U	
4-Chlorophenyl-phenylether	EPA 8270D									64 U	65 U	65 U	
Fluorene	EPA 8270D									64 U	65 U	65 U	
4-Nitroaniline	EPA 8270D									320 U	320 U	320 U	
4,6-Dinitro-2-Methylphenol	EPA 8270D									640 U	650 U	650 U	
N-Nitrosodiphenylamine	EPA 8270D									64 U	65 U	65 U	
4-Bromophenyl-phenylether	EPA 8270D									64 U	65 U	65 U	
Hexachlorobenzene	EPA 8270D									64 U	65 U	65 U	
Pentachlorophenol	EPA 8270D									320 U	320 U	320 U	
Phenanthrene	EPA 8270D									64 U	65 U	65 U	
Carbazole	EPA 8270D									64 U	65 U	65 U	
Anthracene	EPA 8270D									64 U	65 U	65 U	
Di-n-Butylphthalate	EPA 8270D									64 U	65 U	65 U	
Fluoranthene	EPA 8270D									64 U	65 U	65 U	
Pyrene	EPA 8270D									64 U	65 U	65 U	
Butylbenzylphthalate	EPA 8270D									64 U	65 U	65 U	
3,3'-Dichlorobenzidine	EPA 8270D									320 U	320 U	320 U	
Benzo(a)anthracene	EPA 8270D									64 U	65 U	65 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D									81	65 U	65 U	
Chrysene	EPA 8270D									64 U	65 U	65 U	
Di-n-octylphthalate	EPA 8270D									64 U	65 U	65 U	
Benzo(b)fluoranthene	EPA 8270D									64 U	65 U	65 U	
Benzo(k)fluoranthene	EPA 8270D									64 U	65 U	65 U	
Benzo(a)pyrene	EPA 8270D									64 U	65 U	65 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D									64 U	65 U	65 U	
Dibenz(a,h)anthracene	EPA 8270D									64 U	65 U	65 U	
Benzo(g,h,i)perylene	EPA 8270D									64 U	65 U	65 UJ	
1-Methylnaphthalene	EPA 8270D									64 U	65 U	65 U	
Naphthalene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
2-Methylnaphthalene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
1-Methylnaphthalene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Acenaphthylene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Acenaphthene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Fluorene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Phenanthrene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Anthracene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Fluoranthene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Pyrene	EPA 8270DSIM									4.9 U	5 U	4.9 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-025 9 - 10 2-40-DP-25-09-S-0 Reanalysis 7/3/2008	2-40-DP-026 0 - 1 2-40-DP-26-01-S-0 7/1/2008	2-40-DP-026 4 - 5 2-40-DP-26-04-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 7/1/2008	2-40-DP-026 9 - 10 2-40-DP-26-09-S-0 Reanalysis 7/1/2008	2-40-DP-027 0 - 1 2-40-DP-27-01-S-0 6/5/2008	2-40-DP-027 4 - 5 2-40-DP-27-04-S-0 6/5/2008	2-40-DP-027 9 - 10 2-40-DP-27-09-S-0 6/5/2008	2-40-DP-028 0 - 1 2-40-DP-28-01-S-0 6/6/2008	2-40-DP-028 4 - 5 2-40-DP-28-04-S-0 6/6/2008	2-40-DP-028 9 - 10 2-40-DP-28-09-S-0 6/6/2008	2-40-DP-029 0 - 1 2-40-DP-29-01-S-0 6/3/2008
Benzo(a)anthracene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Chrysene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Benzo(b)fluoranthene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Benzo(k)fluoranthene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Benzo(a)pyrene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Dibenz(a,h)anthracene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Benzo(g,h,i)perylene	EPA 8270DSIM									4.9 U	5 U	4.9 U	
Dibenzofuran	EPA 8270DSIM									4.9 U	5 U	4.9 U	
PCBs (µg/kg)													
Aroclor 1016	EPA 8082												33 U
Aroclor 1242	EPA 8082												33 U
Aroclor 1248	EPA 8082												33 U
Aroclor 1254	EPA 8082												33 U
Aroclor 1260	EPA 8082												33 U
Aroclor 1221	EPA 8082												33 U
Aroclor 1232	EPA 8082												33 U
Aroclor 1262	EPA 8082												33 U
Aroclor 1268	EPA 8082												33 U
Total PCB	EPA 8082												33 U
Inorganics (mg/kg)													
Aluminum	EPA 6010B		22300	10800	11700		9430	9730	11600	7880	8040	8280	8750
Antimony	EPA 6010B		7 UJ	5 UJ	5 UJ		5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Arsenic	EPA 6010B		7 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	EPA 6010B		71.8	34.4	42.2		32.4	33.9	85.8	22	24.1	27.4	31.8
Beryllium	EPA 6010B		0.3	0.1	0.1		0.2	0.1	0.2	0.09 U	0.1 U	0.1	0.1
Cadmium	EPA 6010B		0.3 U	0.2 U	0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		5820	4310	4460		5120	4590	4460	3610	3710	3660	3830
Chromium	EPA 6010B		25	13.7	14.7		13.4	13	12.8	11.9	12	12.8	11.7
Cobalt	EPA 6010B		6.7	5.2	6.5		6.5	4.5	5.5	4.5	4.6	4.8	4.4
Copper	EPA 6010B		37	12.4	14.8		12.7	12.2	14.3	9.9	9.6	10.6	10.4
Iron	EPA 6010B		20200	13200	15800		13600	12800	14600	13200	12900	12900	12900
Lead	EPA 6010B		5	2 U	3		3	3	4	2	3	3	3
Magnesium	EPA 6010B		5070	2900	3110		3010	2860	3140	2750	2660	2670	2640
Manganese	EPA 6010B		176	130	208		139	132	333	124	124	134	123
Mercury	EPA 7471A		0.07	0.04 U	0.05 U		0.1	0.05 U	0.04 U	0.04 U	0.05 U	0.04 U	0.04 U
Molybdenum	EPA 6010B		1.5	1	1		0.5 U	0.5 U	0.5 U	0.5 U	0.5	0.5 U	0.5 U
Nickel	EPA 6010B		17	10	11		10	9	11	8.5	9	9	8
Selenium	EPA 6010B		7 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	EPA 6010B		0.4 U	0.3 U	0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841		0.2	0.1 U	0.1		0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1 U	1 U	1 U		1 U	1 U	1 U	0.9 U	1 U	1 U	1 U
Vanadium	EPA 6010B		78.1	42.6	49.6		42.6	39.4	45.4	40.4	40	39.6	40.1
Zinc	EPA 6010B		43	27 J	34		27	27	32	25.1	25	25	26
Cyanide	EPA 335.2		0.076	0.183	0.065		0.051 U	0.052 U	0.059 U				0.049 U
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3		72.4	86.7	91.6		92.9	89.7	81.3				96.6
Total Organic Carbon (%)	Plumb 1981												
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx						5.2 U	5.8 U	5.6 U				6.3 U
TPH - Diesel Range	NWTPH-Dx-Cleaned						5.3 U	5.3 U	5.5 U				5.2 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned						10 U	11 U	11 U				10 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-029 4 - 5 2-40-DP-29-04-S-0 6/3/2008	2-40-DP-029 9 - 10 2-40-DP-29-09-S-0 6/3/2008	2-40-DP-030 0 - 1 2-40-DP-30-01-S-0 6/16/2008	2-40-DP-030 4 - 5 2-40-DP-30-04-S-0 6/16/2008	2-40-DP-030 9 - 10 2-40-DP-30-09-S-0 6/16/2008	2-40-DP-031 0 - 1 2-40-DP-31-01-S-0 7/8/2008	2-40-DP-031 4 - 5 2-40-DP-31-04-S-0 7/8/2008	2-40-DP-031 9 - 10 2-40-DP-31-09-S-0 7/8/2008	2-40-DP-032 0 - 1 2-40-DP-32-01-S-0 5/28/2008	2-40-DP-032 4 - 5 2-40-DP-32-04-S-0 5/28/2008	2-40-DP-032 9 - 10 2-40-DP-32-09-S-0 5/28/2008	2-40-DP-033 0 - 1 2-40-DP-33-01-S-0 6/2/2008	2-40-DP-033 4 - 5 2-40-DP-33-04-S-0 6/2/2008
VOCs (µg/kg)														
Chloromethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Bromomethane	EPA 8260B	1.2 U	1.5 U	1.1 UJ	0.9 UJ	1.1 UJ	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Vinyl Chloride	EPA 8260B	1.2 UJ	1.5 UJ	1.1 UJ	0.9 UJ	1.1 UJ	0.9 U	0.9 U	1 U	1.2 UJ	1.3 UJ	2 UJ	1 UJ	1 UJ
Chloroethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Methylene Chloride	EPA 8260B	2.4 U	3 U	2.1 U	1.8 U	2.2 U	2.2 U	2.3 U	4.2 U	2.3 U	2.6 U	4 U	1.9 U	2.3 U
Acetone	EPA 8260B	10	62	93	67	42	4.5 U	6.4 U	190	67	19	44	22	15
Carbon Disulfide	EPA 8260B	1.2 U	2	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	2	1.2 U	1.3 U	8.9	1 U	1 U
1,1-Dichloroethene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,1-Dichloroethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	1.2 U	1.9	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Chloroform	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,2-Dichloroethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
2-Butanone	EPA 8260B	6 U	13	5.3 U	5.1	5.6 U	4.5 U	4.6 U	44	8.7	6.5 U	10 U	4.8 U	5 U
1,1,1-Trichloroethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Carbon Tetrachloride	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Vinyl Acetate	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
Bromodichloromethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,2-Dichloropropane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
cis-1,3-Dichloropropene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Trichloroethene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1.7	42	7.2	2.6	4.3	4.4
Dibromochloromethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,1,2-Trichloroethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Benzene	EPA 8260B	1.2 U	10	1.1 U	2	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
trans-1,3-Dichloropropene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
2-Chloroethylvinylether	EPA 8260B	6 U	7.6 U	5.3 UJ	4.4 UJ	5.6 UJ	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
Bromoform	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Methyl isobutyl ketone	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
2-Hexanone	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
Tetrachloroethene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Toluene	EPA 8260B	1.2 U	1.6	1.1 U	0.9 U	1.1 U	3	3	17	1.2 U	1.3 U	2 U	1 U	1 U
Chlorobenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Ethylbenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Styrene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Trichlorofluoromethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.4 U	3 U	2.1 U	1.8 U	2.2 U	1.8 U	1.8 U	2 U	2.3 U	2.6 U	4 U	1.9 U	2 U
m,p-Xylene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1.7	1.2 U	1.3 U	2 U	1 U	1 U
o-Xylene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,2-Dichlorobenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,3-Dichlorobenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,4-Dichlorobenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Acrolein	EPA 8260B	60 U	76 U	53 U	44 U	56 U	45 U	46 U	49 U	58 U	65 U	100 U	48 U	50 U
Methyl Iodide	EPA 8260B	1.2 U	1.5 U	1.1 UJ	0.9 UJ	1.1 UJ	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Bromoethane	EPA 8260B	2.4 U	3 U	2.1 U	1.8 U	2.2 U	1.8 U	1.8 U	2 U	2.3 U	2.6 U	4 U	1.9 U	2 U
Acrylonitrile	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
1,1-Dichloropropene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Dibromomethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
1,2,3-Trichloropropane	EPA 8260B	2.4 U	3 U	2.1 U	1.8 U	2.2 U	1.8 U	1.8 U	2 U	2.3 U	2.6 U	4 U	1.9 U	2 U
trans-1,4-Dichloro-2-butene	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
1,3,5-Trimethylbenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Hexachlorobutadiene	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
Ethylene Dibromide	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Bromochloromethane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
2,2-Dichloropropane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,3-Dichloropropane	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Isopropylbenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
n-Propylbenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
Bromobenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
2-Chlorotoluene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
4-Chlorotoluene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
tert-Butylbenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
sec-Butylbenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
4-Isopropyltoluene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
n-Butylbenzene	EPA 8260B	1.2 U	1.5 U	1.1 U	0.9 U	1.1 U	0.9 U	0.9 U	1 U	1.2 U	1.3 U	2 U	1 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
Naphthalene	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
1,2,3-Trichlorobenzene	EPA 8260B	6 U	7.6 U	5.3 U	4.4 U	5.6 U	4.5 U	4.6 U	4.9 U	5.8 U	6.5 U	10 U	4.8 U	5 U
SVOCs (µg/kg)														
Phenol	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
bis(2-Chloroethyl)ether	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-029 4 - 5 2-40-DP-29-04-S-0 6/3/2008	2-40-DP-029 9 - 10 2-40-DP-29-09-S-0 6/3/2008	2-40-DP-030 0 - 1 2-40-DP-30-01-S-0 6/16/2008	2-40-DP-030 4 - 5 2-40-DP-30-04-S-0 6/16/2008	2-40-DP-030 9 - 10 2-40-DP-30-09-S-0 6/16/2008	2-40-DP-031 0 - 1 2-40-DP-31-01-S-0 7/8/2008	2-40-DP-031 4 - 5 2-40-DP-31-04-S-0 7/8/2008	2-40-DP-031 9 - 10 2-40-DP-31-09-S-0 7/8/2008	2-40-DP-032 0 - 1 2-40-DP-32-01-S-0 5/28/2008	2-40-DP-032 4 - 5 2-40-DP-32-04-S-0 5/28/2008	2-40-DP-032 9 - 10 2-40-DP-32-09-S-0 5/28/2008	2-40-DP-033 0 - 1 2-40-DP-33-01-S-0 6/2/2008	2-40-DP-033 4 - 5 2-40-DP-33-04-S-0 6/2/2008
2-Chlorophenol	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
1,3-Dichlorobenzene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
1,4-Dichlorobenzene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Benzyl Alcohol	EPA 8270D						59 U	63 U	60 U	330 U	330 U	330 U		
1,2-Dichlorobenzene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
2-Methylphenol	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
2,2'-Oxybis(1-Chloropropane)	EPA 8270D						59 U	63 U	60 U	65 UJ	66 UJ	66 UJ		
4-Methylphenol	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
N-Nitroso-Di-N-Propylamine	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
Hexachloroethane	EPA 8270D						59 U	63 U	60 U	65 UJ	66 U	66 U		
Nitrobenzene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Isophorone	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
2-Nitrophenol	EPA 8270D						59 U	63 U	60 U	330 U	330 U	330 U		
2,4-Dimethylphenol	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Benzoic Acid	EPA 8270D						590 UR	630 UR	600 UR	650 U	660 U	660 U		
bis(2-Chloroethoxy)methane	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
2,4-Dichlorophenol	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
1,2,4-Trichlorobenzene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Naphthalene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
4-Chloroaniline	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
Hexachlorobutadiene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
4-Chloro-3-methylphenol	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
2-Methylnaphthalene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Hexachlorocyclopentadiene	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
2,4,6-Trichlorophenol	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
2,4,5-Trichlorophenol	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
2-Chloronaphthalene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
2-Nitroaniline	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
Dimethylphthalate	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Acenaphthylene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
3-Nitroaniline	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
Acenaphthene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
2,4-Dinitrophenol	EPA 8270D						590 UR	630 UR	600 UR	650 U	660 U	660 U		
4-Nitrophenol	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
Dibenzofuran	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
2,6-Dinitrotoluene	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
2,4-Dinitrotoluene	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
Diethylphthalate	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
4-Chlorophenyl-phenylether	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Fluorene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
4-Nitroaniline	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
4,6-Dinitro-2-Methylphenol	EPA 8270D						590 U	630 U	600 U	650 U	660 U	660 U		
N-Nitrosodiphenylamine	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
4-Bromophenyl-phenylether	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Hexachlorobenzene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Pentachlorophenol	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
Phenanthrene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Carbazole	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Anthracene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Di-n-Butylphthalate	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Fluoranthene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Pyrene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Butylbenzylphthalate	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
3,3'-Dichlorobenzidine	EPA 8270D						300 U	320 U	300 U	330 U	330 U	330 U		
Benzo(a)anthracene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
bis(2-Ethylhexyl)phthalate	EPA 8270D						59 U	63 U	60 U	65 U	470	80		
Chrysene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Di-n-octylphthalate	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Benzo(b)fluoranthene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Benzo(k)fluoranthene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Benzo(a)pyrene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Indeno(1,2,3-cd)pyrene	EPA 8270D						59 U	63 U	60 U	65 U	66 UJ	66 UJ		
Dibenz(a,h)anthracene	EPA 8270D						59 U	63 U	60 U	65 UJ	66 UJ	66 UJ		
Benzo(g,h,i)perylene	EPA 8270D						59 U	63 U	60 U	65 UJ	66 UJ	66 UJ		
1-Methylnaphthalene	EPA 8270D						59 U	63 U	60 U	65 U	66 U	66 U		
Naphthalene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
2-Methylnaphthalene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
1-Methylnaphthalene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Acenaphthylene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Acenaphthene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Fluorene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Phenanthrene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	8.6		
Anthracene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Fluoranthene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	9.6		
Pyrene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	8.2		

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-029 4 - 5 2-40-DP-29-04-S-0 6/3/2008	2-40-DP-029 9 - 10 2-40-DP-29-09-S-0 6/3/2008	2-40-DP-030 0 - 1 2-40-DP-30-01-S-0 6/16/2008	2-40-DP-030 4 - 5 2-40-DP-30-04-S-0 6/16/2008	2-40-DP-030 9 - 10 2-40-DP-30-09-S-0 6/16/2008	2-40-DP-031 0 - 1 2-40-DP-31-01-S-0 7/8/2008	2-40-DP-031 4 - 5 2-40-DP-31-04-S-0 7/8/2008	2-40-DP-031 9 - 10 2-40-DP-31-09-S-0 7/8/2008	2-40-DP-032 0 - 1 2-40-DP-32-01-S-0 5/28/2008	2-40-DP-032 4 - 5 2-40-DP-32-04-S-0 5/28/2008	2-40-DP-032 9 - 10 2-40-DP-32-09-S-0 5/28/2008	2-40-DP-033 0 - 1 2-40-DP-33-01-S-0 6/2/2008	2-40-DP-033 4 - 5 2-40-DP-33-04-S-0 6/2/2008
Benzo(a)anthracene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8		
Chrysene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	5.8		
Benzo(b)fluoranthene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Benzo(k)fluoranthene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Benzo(a)pyrene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Dibenz(a,h)anthracene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Benzo(g,h,i)perylene	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
Dibenzofuran	EPA 8270DSIM						4.8 U	4.7 U	5 U	4.8 U	4.9 U	4.8 U		
PCBs (µg/kg)														
Aroclor 1016	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Aroclor 1242	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Aroclor 1248	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Aroclor 1254	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Aroclor 1260	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Aroclor 1221	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Aroclor 1232	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Aroclor 1262	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Aroclor 1268	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Total PCB	EPA 8082	33 U	32 U				33 U	32 U	31 U					
Inorganics (mg/kg)														
Aluminum	EPA 6010B	8360	21100	13100	9890	8780	10300	9110	8710	9960	15100	13200	13800	13700
Antimony	EPA 6010B	5 UJ	7 UJ	5 UJ	6 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	6 UJ	6 UJ	5 UJ	5 UJ
Arsenic	EPA 6010B	5 U	8	5 U	6 U	5 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Barium	EPA 6010B	23.7	77.3	52.4	32	24.8	33.7	23.7	27.6	39.5	53.9	47.1	52.3	51.9
Beryllium	EPA 6010B	0.1 U	0.3	0.2	0.1 U	0.1 U	0.2	0.1	0.1 U	0.1	0.2	0.2	0.2	0.2
Cadmium	EPA 6010B	0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.7	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	4210	6460	3920	4020	3540	5730	4810	4310	5460	5190	5140	4320	4180
Chromium	EPA 6010B	10.7	23.1	35.7	12.1	10.1	13.4	14.4	10.5	15.3	19.3	16.6	31.8	37.3
Cobalt	EPA 6010B	4.2	8	6.9	4.3	3.3	5.9	4.7	3.6	5.9	6.2	8	7.1	7.3
Copper	EPA 6010B	8.9	33.6	12	13.4	11.1	12.9	10.1	9.1	21.6	21.4	19.9	12.6	13.3
Iron	EPA 6010B	12500	23100	15200	11800	9540	14300	13200	10300	14800	16900	15100	16200	15900
Lead	EPA 6010B	2 U	13	2	4	2 U	3	2 U	2 U	29	7	6	4 J	4 J
Magnesium	EPA 6010B	2630	5780	5810	2320	1700	3110	2880	1930	3380	3530	3320	5770	5510
Manganese	EPA 6010B	119	273	280	126	100	157	133	114	183	142	132	292	284
Mercury	EPA 7471A	0.04 U	0.11	0.05 U	0.05	0.04 U	0.05 U	0.04 U	0.04 U	0.04 U	0.05 U	0.05 U	0.04 U	0.04 U
Molybdenum	EPA 6010B	0.5 U	0.8	0.5 U	0.6 U	0.5 U	0.8	0.7	0.9	0.5	1.1	1.2	0.5 U	0.6
Nickel	EPA 6010B	8	18	39	8	6	12	9	7	12	13	11	39	38
Selenium	EPA 6010B	5 U	7 U	5 U	6 U	5 U	5 U	5 U	5 U	5 U	6 U	6 U	5 U	5 U
Silver	EPA 6010B	0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U
Thallium	EPA 7841	0.1 U	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1 U	0.1 U	0.1	0.1 U	0.1	0.1 U
Tin	EPA 6010B	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	38.3	62.2	38.7	42.4	40.5	46.1	45	42.5	47.5	50.9	48.6	40.1	40.8
Zinc	EPA 6010B	23	56	29	27	17	35	32	24	59	37	33	32	31
Cyanide	EPA 335.2	0.05 U	0.072 U				0.052 U	0.049 U	0.051 UJ	0.05 U	0.067	0.052 U	0.053 U	0.054 U
Chromium(VI)	SM3500CrD													
Total Solids (%)	EPA 160.3	97.8	68.1				93.3	97.6	94.5	94.2	88.7	89.3	89.9	92.2
Total Organic Carbon (%)	Plumb 1981													
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx	6.5 U	9.7 U										5.8 U	8.3 J
TPH - Diesel Range	NWTPH-Dx-Cleaned	5.1 U	7.5 J										5.4 U	5.4 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	10 U	24										11 U	11 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-033 9 - 10 2-40-DP-33-09-S-0 6/2/2008	2-40-DP-034 0 - 1 2-40-DP-34-01-S-0 7/7/2008	2-40-DP-034 4 - 5 2-40-DP-34-04-S-0 7/7/2008	2-40-DP-034 9 - 10 2-40-DP-34-09-S-0 7/7/2008	2-40-DP-035 0 - 1 2-40-DP-35-01-S-0 5/30/2008	2-40-DP-035 4 - 5 2-40-DP-35-04-S-0 5/30/2008	2-40-DP-035 9 - 10 2-40-DP-35-09-S-0 5/30/2008	2-40-DP-036 0 - 1 2-40-DP-36-01-S-0 7/1/2008	2-40-DP-036 4 - 5 2-40-DP-36-04-S-0 7/1/2008	2-40-DP-036 9 - 10 2-40-DP-36-09-S-0 7/1/2008	2-40-DP-037 0 - 1 2-40-DP-37-01-S-0 5/22/2008	2-40-DP-037 4 - 5 2-40-DP-37-04-S-0 5/22/2008	2-40-DP-037 9 - 10 2-40-DP-37-09-S-0 5/22/2008
VOCs (µg/kg)														
Chloromethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Bromomethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Vinyl Chloride	EPA 8260B	0.8 UJ	1 U	1 U	1.2 U	1 UJ	1.3 UJ	1.2 UJ	1 U	1.1 U	1.1 U	1 UJ	1 UJ	0.8 UJ
Chloroethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Methylene Chloride	EPA 8260B	1.7 U	1.9 U	1.9 U	3.1 U	2.1 U	2.5 U	6.8 U	2 U	2.2 U	2.3 U	2.1 U	1.9 U	1.7 U
Acetone	EPA 8260B	16	18	18	14	28	24 U	22 U	45 U	22 U	120	24	13	26
Carbon Disulfide	EPA 8260B	0.8 U	1 U	1 U	1.2 U	2.2	1.3 U	1.2 U	1 U	1.1 U	7.5	1 U	1 U	0.8 U
1,1-Dichloroethene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,1-Dichloroethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
trans-1,2-Dichloroethene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
cis-1,2-Dichloroethene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	2.8	1 U	1 U	0.8 U
Chloroform	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,2-Dichloroethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
2-Butanone	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	17	5 U	4.8 U	4.2 U
1,1,1-Trichloroethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Carbon Tetrachloride	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Vinyl Acetate	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
Bromodichloromethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,2-Dichloropropane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
cis-1,3-Dichloropropene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Trichloroethene	EPA 8260B	3.8	1 U	1 U	1.2 U	4.9	5.7	5.9	72	43	3.6	4.3	1 U	9.5
Dibromochloromethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,1,2-Trichloroethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Benzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
trans-1,3-Dichloropropene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
2-Chloroethylvinylether	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 UR	5.4 UR	5.6 UR	5 U	4.8 U	4.2 U
Bromoform	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Methyl isobutyl ketone	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
2-Hexanone	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
Tetrachloroethene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,1,2,2-Tetrachloroethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Toluene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Chlorobenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Ethylbenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Styrene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Trichlorofluoromethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	1.7 U	1.9 U	1.9 U	2.5 U	2.1 U	2.5 U	2.4 U	2 U	2.2 U	2.3 U	2 U	1.9 U	1.7 U
m,p-Xylene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
o-Xylene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,2-Dichlorobenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,3-Dichlorobenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,4-Dichlorobenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Acrolein	EPA 8260B	42 U	48 U	48 U	61 U	52 U	63 U	61 U	49 UR	54 UR	56 UR	50 U	48 U	42 U
Methyl Iodide	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Bromoethane	EPA 8260B	1.7 U	1.9 U	1.9 U	2.5 U	2.1 U	2.5 U	2.4 U	2 U	2.2 U	2.3 U	2 U	1.9 U	1.7 U
Acrylonitrile	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
1,1-Dichloropropene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Dibromomethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,1,1,2-Tetrachloroethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,2-Dibromo-3-chloropropane	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
1,2,3-Trichloropropane	EPA 8260B	1.7 U	1.9 U	1.9 U	2.5 U	2.1 U	2.5 U	2.4 U	2 U	2.2 U	2.3 U	2 U	1.9 U	1.7 U
trans-1,4-Dichloro-2-butene	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
1,3,5-Trimethylbenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,2,4-Trimethylbenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Hexachlorobutadiene	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
Ethylene Dibromide	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Bromochloromethane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
2,2-Dichloropropane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,3-Dichloropropane	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Isopropylbenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
n-Propylbenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
Bromobenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
2-Chlorotoluene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
4-Chlorotoluene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
tert-Butylbenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
sec-Butylbenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
4-Isopropyltoluene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
n-Butylbenzene	EPA 8260B	0.8 U	1 U	1 U	1.2 U	1 U	1.3 U	1.2 U	1 U	1.1 U	1.1 U	1 U	1 U	0.8 U
1,2,4-Trichlorobenzene	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
Naphthalene	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
1,2,3-Trichlorobenzene	EPA 8260B	4.2 U	4.8 U	4.8 U	6.1 U	5.2 U	6.3 U	6.1 U	4.9 U	5.4 U	5.6 U	5 U	4.8 U	4.2 U
SVOCs (µg/kg)														
Phenol	EPA 8270D											64 U	64 U	64 U
bis(2-Chloroethyl)ether	EPA 8270D											64 U	64 U	64 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-033 9 - 10 2-40-DP-33-09-S-0 6/2/2008	2-40-DP-034 0 - 1 2-40-DP-34-01-S-0 7/7/2008	2-40-DP-034 4 - 5 2-40-DP-34-04-S-0 7/7/2008	2-40-DP-034 9 - 10 2-40-DP-34-09-S-0 7/7/2008	2-40-DP-035 0 - 1 2-40-DP-35-01-S-0 5/30/2008	2-40-DP-035 4 - 5 2-40-DP-35-04-S-0 5/30/2008	2-40-DP-035 9 - 10 2-40-DP-35-09-S-0 5/30/2008	2-40-DP-036 0 - 1 2-40-DP-36-01-S-0 7/1/2008	2-40-DP-036 4 - 5 2-40-DP-36-04-S-0 7/1/2008	2-40-DP-036 9 - 10 2-40-DP-36-09-S-0 7/1/2008	2-40-DP-037 0 - 1 2-40-DP-37-01-S-0 5/22/2008	2-40-DP-037 4 - 5 2-40-DP-37-04-S-0 5/22/2008	2-40-DP-037 9 - 10 2-40-DP-37-09-S-0 5/22/2008
2-Chlorophenol	EPA 8270D											64 U	64 U	64 U
1,3-Dichlorobenzene	EPA 8270D											64 U	64 U	64 U
1,4-Dichlorobenzene	EPA 8270D											64 U	64 U	64 U
Benzyl Alcohol	EPA 8270D											320 U	320 U	320 U
1,2-Dichlorobenzene	EPA 8270D											64 U	64 U	64 U
2-Methylphenol	EPA 8270D											64 U	64 U	64 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D											64 U	64 U	64 U
4-Methylphenol	EPA 8270D											64 U	64 U	64 U
N-Nitroso-Di-N-Propylamine	EPA 8270D											320 U	320 U	320 U
Hexachloroethane	EPA 8270D											64 U	64 U	64 U
Nitrobenzene	EPA 8270D											64 U	64 U	64 U
Isophorone	EPA 8270D											64 U	64 U	64 U
2-Nitrophenol	EPA 8270D											320 U	320 U	320 U
2,4-Dimethylphenol	EPA 8270D											64 U	64 U	64 U
Benzoic Acid	EPA 8270D											640 U	640 U	640 U
bis(2-Chloroethoxy)methane	EPA 8270D											64 U	64 U	64 U
2,4-Dichlorophenol	EPA 8270D											320 U	320 U	320 U
1,2,4-Trichlorobenzene	EPA 8270D											64 U	64 U	64 U
Naphthalene	EPA 8270D											64 U	64 U	64 U
4-Chloroaniline	EPA 8270D											320 U	320 U	320 U
Hexachlorobutadiene	EPA 8270D											64 U	64 U	64 U
4-Chloro-3-methylphenol	EPA 8270D											320 U	320 U	320 U
2-Methylnaphthalene	EPA 8270D											64 U	64 U	64 U
Hexachlorocyclopentadiene	EPA 8270D											320 U	320 U	320 U
2,4,6-Trichlorophenol	EPA 8270D											320 U	320 U	320 U
2,4,5-Trichlorophenol	EPA 8270D											320 U	320 U	320 U
2-Chloronaphthalene	EPA 8270D											64 U	64 U	64 U
2-Nitroaniline	EPA 8270D											320 U	320 U	320 U
Dimethylphthalate	EPA 8270D											64 U	64 U	64 U
Acenaphthylene	EPA 8270D											64 U	64 U	64 U
3-Nitroaniline	EPA 8270D											320 U	320 U	320 U
Acenaphthene	EPA 8270D											64 U	64 U	64 U
2,4-Dinitrophenol	EPA 8270D											640 UJ	640 UJ	640 UJ
4-Nitrophenol	EPA 8270D											320 U	320 U	320 U
Dibenzofuran	EPA 8270D											64 U	64 U	64 U
2,6-Dinitrotoluene	EPA 8270D											320 U	320 U	320 U
2,4-Dinitrotoluene	EPA 8270D											320 U	320 U	320 U
Diethylphthalate	EPA 8270D											64 U	64 U	64 U
4-Chlorophenyl-phenylether	EPA 8270D											64 U	64 U	64 U
Fluorene	EPA 8270D											64 U	64 U	64 U
4-Nitroaniline	EPA 8270D											320 U	320 U	320 U
4,6-Dinitro-2-Methylphenol	EPA 8270D											640 U	640 U	640 U
N-Nitrosodiphenylamine	EPA 8270D											64 U	64 U	64 U
4-Bromophenyl-phenylether	EPA 8270D											64 U	64 U	64 U
Hexachlorobenzene	EPA 8270D											64 U	64 U	64 U
Pentachlorophenol	EPA 8270D											320 U	320 U	320 U
Phenanthrene	EPA 8270D											64 U	64 U	64 U
Carbazole	EPA 8270D											64 U	64 U	64 U
Anthracene	EPA 8270D											64 U	64 U	64 U
Di-n-Butylphthalate	EPA 8270D											64 U	64 U	64 U
Fluoranthene	EPA 8270D											64 U	64 U	64 U
Pyrene	EPA 8270D											64 U	64 U	64 U
Butylbenzylphthalate	EPA 8270D											64 U	64 U	64 U
3,3'-Dichlorobenzidine	EPA 8270D											320 U	320 U	320 U
Benzo(a)anthracene	EPA 8270D											64 U	64 U	64 U
bis(2-Ethylhexyl)phthalate	EPA 8270D											64 U	64 U	64 U
Chrysene	EPA 8270D											64 U	64 U	64 U
Di-n-octylphthalate	EPA 8270D											64 U	64 U	64 U
Benzo(b)fluoranthene	EPA 8270D											64 U	64 U	64 U
Benzo(k)fluoranthene	EPA 8270D											64 U	64 U	64 U
Benzo(a)pyrene	EPA 8270D											64 U	64 U	64 U
Indeno(1,2,3-cd)pyrene	EPA 8270D											64 U	64 U	64 U
Dibenz(a,h)anthracene	EPA 8270D											64 U	64 U	64 U
Benzo(g,h,i)perylene	EPA 8270D											64 U	64 U	64 U
1-Methylnaphthalene	EPA 8270D											64 U	64 U	64 U
Naphthalene	EPA 8270DSIM											5.4	4.8 U	4.9 U
2-Methylnaphthalene	EPA 8270DSIM											8.3	4.8 U	4.9 U
1-Methylnaphthalene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Acenaphthylene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Acenaphthene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Fluorene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Phenanthrene	EPA 8270DSIM											12	4.8 U	4.9 U
Anthracene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Fluoranthene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Pyrene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-033 9 - 10 2-40-DP-33-09-S-0 6/2/2008	2-40-DP-034 0 - 1 2-40-DP-34-01-S-0 7/7/2008	2-40-DP-034 4 - 5 2-40-DP-34-04-S-0 7/7/2008	2-40-DP-034 9 - 10 2-40-DP-34-09-S-0 7/7/2008	2-40-DP-035 0 - 1 2-40-DP-35-01-S-0 5/30/2008	2-40-DP-035 4 - 5 2-40-DP-35-04-S-0 5/30/2008	2-40-DP-035 9 - 10 2-40-DP-35-09-S-0 5/30/2008	2-40-DP-036 0 - 1 2-40-DP-36-01-S-0 7/1/2008	2-40-DP-036 4 - 5 2-40-DP-36-04-S-0 7/1/2008	2-40-DP-036 9 - 10 2-40-DP-36-09-S-0 7/1/2008	2-40-DP-037 0 - 1 2-40-DP-37-01-S-0 5/22/2008	2-40-DP-037 4 - 5 2-40-DP-37-04-S-0 5/22/2008	2-40-DP-037 9 - 10 2-40-DP-37-09-S-0 5/22/2008
Benzo(a)anthracene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Chrysene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Benzo(b)fluoranthene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Benzo(k)fluoranthene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Benzo(a)pyrene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Dibenz(a,h)anthracene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Benzo(g,h,i)perylene	EPA 8270DSIM											4.9 U	4.8 U	4.9 U
Dibenzofuran	EPA 8270DSIM											11	4.8 U	4.9 U
PCBs (µg/kg)														
Aroclor 1016	EPA 8082											33 U	33 U	32 U
Aroclor 1242	EPA 8082											33 U	33 U	32 U
Aroclor 1248	EPA 8082											33 U	33 U	32 U
Aroclor 1254	EPA 8082											33 U	33 U	32 U
Aroclor 1260	EPA 8082											33 U	33 U	32 U
Aroclor 1221	EPA 8082											33 U	33 U	32 U
Aroclor 1232	EPA 8082											33 U	33 U	32 U
Aroclor 1262	EPA 8082											33 U	33 U	32 U
Aroclor 1268	EPA 8082											33 U	33 U	32 U
Total PCB	EPA 8082											33 U	33 U	32 U
Inorganics (mg/kg)														
Aluminum	EPA 6010B	13200	10800	10300	8660	12200	15700	10000	13000	8690	15000	9620	9300	9200
Antimony	EPA 6010B	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	5 UJ
Arsenic	EPA 6010B	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U
Barium	EPA 6010B	122	34.6	34.7	22.1	51.5	79	36.5	46.6	22.8	37.2	35	34.1	32.4
Beryllium	EPA 6010B	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1 U	0.1	0.09 U	0.09 U	0.1 U
Cadmium	EPA 6010B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5	0.2 U
Calcium	EPA 6010B	3960	4560	5150	4210	4850	4850	4920	5150	3720	4950	4730	4430	4040
Chromium	EPA 6010B	33.6	14.5	13.5	12	24.3	29.3	12.6	16	12.9	14.1	17	13.6	11.1
Cobalt	EPA 6010B	6.5	5.2	4.7	4.2	6.1	9.3	4.7	6.6	4.4	4.1	5.7	5.4	4.5
Copper	EPA 6010B	12.6	13.3	12.5	9.8	20.9	19.6	14.9	18.3	9.4	13.3	11.8	12.4	11.5
Iron	EPA 6010B	15900	14500	14000	13200	15600	20300	13100	17100	13000	14300	14100	14300	13100
Lead	EPA 6010B	7 J	6	5	3	2	3	4	5	2	2 U	4	5	3
Magnesium	EPA 6010B	5390	3090	2940	2630	4500	6420	2630	3720	2540	3140	3620	3170	2830
Manganese	EPA 6010B	266	160	147	132	210	354	130	183	121	137	176	160	145
Mercury	EPA 7471A	0.04 U	0.05	0.05 U	0.04 U	0.04 U	0.03 U	0.04 U	0.04 U	0.04 U	0.06 U	0.04 U	0.1	0.04 U
Molybdenum	EPA 6010B	1.3	0.7	0.7	0.5	0.5 U	0.5 U	0.5 U	1.1	0.8	1.1	0.7	0.7	0.7
Nickel	EPA 6010B	39	12	12	9	20	28	10	13	9	9	17.7	11.8	9
Selenium	EPA 6010B	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	5 U	5 U
Silver	EPA 6010B	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.5	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	1.4	0.3 U
Thallium	EPA 7841	0.1 U	0.1 U	0.1 U	0.09 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.13	0.1 U	0.1 U
Tin	EPA 6010B	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	0.9 U	1 U
Vanadium	EPA 6010B	39.3	45.1	43.5	42.6	38.9	53.4	40.8	52.8	43.4	44.5	36.5	38.3	39.8
Zinc	EPA 6010B	35	56	38	26	34	35	29	39	25	27	34.3	36	30
Cyanide	EPA 335.2	0.047 U	0.051 U	0.051 U	0.051 U	0.05 U	0.049 U	0.05 U	0.052 U	0.049 U	0.062 U			
Chromium(VI)	SM3500CrD													
Total Solids (%)	EPA 160.3	99.9	96.6	95	96.6	97	96.6	92	92.7	97.3	79.3	96.9	97.4	87.6
Total Organic Carbon (%)	Plumb 1981											0.232 J	0.196 J	1 J
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx	4.4 U				5.6 U	5.3 U	6.4 U						
TPH - Diesel Range	NWTPH-Dx-Cleaned	5.4 U				5.2 U	27 J	5.3 U						
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	11 U				13	84	13						

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-038 0 - 1 2-40-DP-38-01-S-0 5/21/2008	2-40-DP-038 4 - 5 2-40-DP-38-04-S-0 5/21/2008	2-40-DP-038 9 - 10 2-40-DP-38-09-S-0 5/21/2008	2-40-DP-039 0 - 1 2-40-DP-39-01-S-0 5/20/2008	2-40-DP-039 4 - 5 2-40-DP-39-04-S-0 5/20/2008	2-40-DP-039 9 - 10 2-40-DP-39-09-S-0 5/20/2008	2-40-DP-040 0 - 1 2-40-DP-40-01-S-0 5/15/2008	2-40-DP-040 4 - 5 2-40-DP-40-04-S-0 5/15/2008	2-40-DP-040 9 - 10 2-40-DP-40-09-S-0 5/15/2008	2-40-DP-041 0 - 1 2-40-DP-41-01-S-0 5/14/2008	2-40-DP-041 4 - 5 2-40-DP-41-04-S-0 5/14/2008	2-40-DP-041 9 - 10 2-40-DP-41-09-S-0 5/14/2008	2-40-DP-042 0 - 1 2-40-DP-42-01-S-0 5/13/2008
VOCs (µg/kg)														
Chloromethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Bromomethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Vinyl Chloride	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Chloroethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Methylene Chloride	EPA 8260B	2.8	1.9 U	1.9 U	2.1 U	2.5	1.9 U	2.3 U	2.3 U	2.3 U	1.8 U	2.5	2.6	2.3
Acetone	EPA 8260B	16	30	16	28	43	44	27	25	20	14	26	14	15 U
Carbon Disulfide	EPA 8260B	1 U	1.2	1 U	1 U	1.1 U	1	1	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,1-Dichloroethene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,1-Dichloroethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Chloroform	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,2-Dichloroethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
2-Butanone	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	5	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
1,1,1-Trichloroethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Carbon Tetrachloride	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Vinyl Acetate	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
Bromodichloromethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,2-Dichloropropane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
cis-1,3-Dichloropropene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Trichloroethene	EPA 8260B	1 U	0.9 U	1 U	3	1.7	4.8	7	12	6.6	51	110	29	6.4
Dibromochloromethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,1,2-Trichloroethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Benzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
trans-1,3-Dichloropropene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
2-Chloroethylvinylether	EPA 8260B	4.9 UR	4.7 UR	4.8 UR	5.2 U	5.7 U	4.7 U	4.4 UR	4.2 UR	5.2 UR	4.4 U	5.5 UR	5.8 UR	5 UR
Bromoform	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Methyl isobutyl ketone	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
2-Hexanone	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
Tetrachloroethene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Toluene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Chlorobenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Ethylbenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Styrene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Trichlorofluoromethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2 U	1.9 U	1.9 U	2.1 U	2.3 U	1.9 U	1.7 U	1.7 U	2.1 U	1.8 U	2.2 U	2.3 U	2 U
m,p-Xylene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
o-Xylene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,2-Dichlorobenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,3-Dichlorobenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,4-Dichlorobenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Acrolein	EPA 8260B	49 U	47 U	48 UR	52 U	57 U	47 U	44 U	42 U	52 U	44 U	55 U	58 U	50 U
Methyl Iodide	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Bromoethane	EPA 8260B	2 U	1.9 U	1.9 U	2.1 U	2.3 U	1.9 U	1.7 U	1.7 U	2.1 U	1.8 U	2.2 U	2.3 U	2 U
Acrylonitrile	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
1,1-Dichloropropene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Dibromomethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
1,2,3-Trichloropropane	EPA 8260B	2 U	1.9 U	1.9 U	2.1 U	2.3 U	1.9 U	1.7 U	1.7 U	2.1 U	1.8 U	2.2 U	2.3 U	2 U
trans-1,4-Dichloro-2-butene	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
1,3,5-Trimethylbenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Hexachlorobutadiene	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
Ethylene Dibromide	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Bromochloromethane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
2,2-Dichloropropane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,3-Dichloropropane	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Isopropylbenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
n-Propylbenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
Bromobenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
2-Chlorotoluene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
4-Chlorotoluene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
tert-Butylbenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
sec-Butylbenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
4-Isopropyltoluene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
n-Butylbenzene	EPA 8260B	1 U	0.9 U	1 U	1 U	1.1 U	0.9 U	0.9 U	0.8 U	1 U	0.9 U	1.1 U	1.2 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
Naphthalene	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
1,2,3-Trichlorobenzene	EPA 8260B	4.9 U	4.7 U	4.8 U	5.2 U	5.7 U	4.7 U	4.4 U	4.2 U	5.2 U	4.4 U	5.5 U	5.8 U	5 U
SVOCs (µg/kg)														
Phenol	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
bis(2-Chloroethyl)ether	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-038 0 - 1 2-40-DP-38-01-S-0 5/21/2008	2-40-DP-038 4 - 5 2-40-DP-38-04-S-0 5/21/2008	2-40-DP-038 9 - 10 2-40-DP-38-09-S-0 5/21/2008	2-40-DP-039 0 - 1 2-40-DP-39-01-S-0 5/20/2008	2-40-DP-039 4 - 5 2-40-DP-39-04-S-0 5/20/2008	2-40-DP-039 9 - 10 2-40-DP-39-09-S-0 5/20/2008	2-40-DP-040 0 - 1 2-40-DP-40-01-S-0 5/15/2008	2-40-DP-040 4 - 5 2-40-DP-40-04-S-0 5/15/2008	2-40-DP-040 9 - 10 2-40-DP-40-09-S-0 5/15/2008	2-40-DP-041 0 - 1 2-40-DP-41-01-S-0 5/14/2008	2-40-DP-041 4 - 5 2-40-DP-41-04-S-0 5/14/2008	2-40-DP-041 9 - 10 2-40-DP-41-09-S-0 5/14/2008	2-40-DP-042 0 - 1 2-40-DP-42-01-S-0 5/13/2008
2-Chlorophenol	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
1,3-Dichlorobenzene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
1,4-Dichlorobenzene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Benzyl Alcohol	EPA 8270D	320 U	320 U	320 U				320 UJ	320 UJ	320 UJ				
1,2-Dichlorobenzene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
2-Methylphenol	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
4-Methylphenol	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
N-Nitroso-Di-N-Propylamine	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
Hexachloroethane	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Nitrobenzene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Isophorone	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
2-Nitrophenol	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
2,4-Dimethylphenol	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Benzoic Acid	EPA 8270D	640 U	640 U	630 U				630 U	640 U	650 U				
bis(2-Chloroethoxy)methane	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
2,4-Dichlorophenol	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
1,2,4-Trichlorobenzene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Naphthalene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
4-Chloroaniline	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
Hexachlorobutadiene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
4-Chloro-3-methylphenol	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
2-Methylnaphthalene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Hexachlorocyclopentadiene	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
2,4,6-Trichlorophenol	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
2,4,5-Trichlorophenol	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
2-Chloronaphthalene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
2-Nitroaniline	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
Dimethylphthalate	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Acenaphthylene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
3-Nitroaniline	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
Acenaphthene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
2,4-Dinitrophenol	EPA 8270D	640 U	640 U	630 U				630 U	640 U	650 U				
4-Nitrophenol	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
Dibenzofuran	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
2,6-Dinitrotoluene	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
2,4-Dinitrotoluene	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
Diethylphthalate	EPA 8270D	64 U	64 U	63 U				110 UJ	95 UJ	77 UJ				
4-Chlorophenyl-phenylether	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Fluorene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
4-Nitroaniline	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
4,6-Dinitro-2-Methylphenol	EPA 8270D	640 U	640 U	630 U				630 U	640 U	650 U				
N-Nitrosodiphenylamine	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
4-Bromophenyl-phenylether	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Hexachlorobenzene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Pentachlorophenol	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
Phenanthrene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Carbazole	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Anthracene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Di-n-Butylphthalate	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Fluoranthene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Pyrene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Butylbenzylphthalate	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
3,3'-Dichlorobenzidine	EPA 8270D	320 U	320 U	320 U				320 U	320 U	320 U				
Benzo(a)anthracene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
bis(2-Ethylhexyl)phthalate	EPA 8270D	64 U	64 U	74				200	64 U	65 U				
Chrysene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Di-n-octylphthalate	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Benzo(b)fluoranthene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Benzo(k)fluoranthene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Benzo(a)pyrene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Indeno(1,2,3-cd)pyrene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Dibenz(a,h)anthracene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Benzo(g,h,i)perylene	EPA 8270D	64 U	64 U	63 U				63 UJ	64 UJ	65 UJ				
1-Methylnaphthalene	EPA 8270D	64 U	64 U	63 U				63 U	64 U	65 U				
Naphthalene	EPA 8270DSIM	5 U	4.8 U	10				4.8 U	5 U	4.8 U				
2-Methylnaphthalene	EPA 8270DSIM	5 U	4.8 U	13				4.8 U	5 U	5.8				
1-Methylnaphthalene	EPA 8270DSIM	5 U	4.8 U	5				4.8 U	5 U	4.8 U				
Acenaphthylene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Acenaphthene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Fluorene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Phenanthrene	EPA 8270DSIM	5 U	4.8 U	63				4.8 U	7.4	11				
Anthracene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Fluoranthene	EPA 8270DSIM	5.4	4.8 U	13				4.8 U	5 U	4.8 U				
Pyrene	EPA 8270DSIM	5 U	4.8 U	5.9				4.8 U	5 U	6.3				

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-038 0 - 1 2-40-DP-38-01-S-0 5/21/2008	2-40-DP-038 4 - 5 2-40-DP-38-04-S-0 5/21/2008	2-40-DP-038 9 - 10 2-40-DP-38-09-S-0 5/21/2008	2-40-DP-039 0 - 1 2-40-DP-39-01-S-0 5/20/2008	2-40-DP-039 4 - 5 2-40-DP-39-04-S-0 5/20/2008	2-40-DP-039 9 - 10 2-40-DP-39-09-S-0 5/20/2008	2-40-DP-040 0 - 1 2-40-DP-40-01-S-0 5/15/2008	2-40-DP-040 4 - 5 2-40-DP-40-04-S-0 5/15/2008	2-40-DP-040 9 - 10 2-40-DP-40-09-S-0 5/15/2008	2-40-DP-041 0 - 1 2-40-DP-41-01-S-0 5/14/2008	2-40-DP-041 4 - 5 2-40-DP-41-04-S-0 5/14/2008	2-40-DP-041 9 - 10 2-40-DP-41-09-S-0 5/14/2008	2-40-DP-042 0 - 1 2-40-DP-42-01-S-0 5/13/2008
Benzo(a)anthracene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Chrysene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Benzo(b)fluoranthene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5	4.8 U				
Benzo(k)fluoranthene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Benzo(a)pyrene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Dibenz(a,h)anthracene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Benzo(g,h,i)perylene	EPA 8270DSIM	5 U	4.8 U	5 U				4.8 U	5 U	4.8 U				
Dibenzofuran	EPA 8270DSIM	5 U	4.8 U	24				4.8 U	5 U	4.8 U				
PCBs (µg/kg)														
Aroclor 1016	EPA 8082							33 U	33 U	32 U				
Aroclor 1242	EPA 8082							33 U	33 U	32 U				
Aroclor 1248	EPA 8082							33 U	33 U	32 U				
Aroclor 1254	EPA 8082							33 U	33 U	32 U				
Aroclor 1260	EPA 8082							33 U	33 U	32 U				
Aroclor 1221	EPA 8082							33 U	33 U	32 U				
Aroclor 1232	EPA 8082							33 U	33 U	32 U				
Aroclor 1262	EPA 8082							33 U	33 U	32 U				
Aroclor 1268	EPA 8082							33 U	33 U	32 U				
Total PCB	EPA 8082							33 U	33 U	32 U				
Inorganics (mg/kg)														
Aluminum	EPA 6010B	10900 J	11000 J	11500 J	11000	12800	13400	11000	11700	10600	10900	8140	9350	14400
Antimony	EPA 6010B	5 UJ	5 UJ	5 UJ	5 UJ	6 UJ	6 UJ	5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Arsenic	EPA 6010B	5 U	5 U	5 UJ	5 U	6 U	6 U	5 U	5 U	6 U	7	5 U	5 U	7
Barium	EPA 6010B	35.3 J	37.6 J	33.4 J	35.6	44.7	87.6	35.9	49.9	38.5	40.2	23	28.6	66.7
Beryllium	EPA 6010B	0.1	0.1	0.1 J	0.1	0.1	0.2	0.1	0.1	0.1 U	0.1	0.09 U	0.1 U	0.2
Cadmium	EPA 6010B	0.2 U	0.2 U	0.2 UJ	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	4660 J	4880 J	4490 J	5250	5010	28900	5770	4480	4250	10500	3820	4190	5000
Chromium	EPA 6010B	13.4 J	16.7 J	14.1 J	12.6	17.2	25.7	45.6 J	13.9 J	14.9 J	18.4 J	12.5 J	12.9 J	17.6
Cobalt	EPA 6010B	5.6 J	6.1 J	4.1 J	4.9	5.4	6.4	6.4	5.3	5.1	5.3	4	3.9	7
Copper	EPA 6010B	15.7 J	18.3 J	15.1 J	14.6	15.7	17.5	16.1 J	16.5 J	15 J	15.5	9.1	10.4	22.2
Iron	EPA 6010B	16700 J	18000 J	11700	13900	17000	15400	14800	14600	13700	13900	12000	13100	21300
Lead	EPA 6010B	4	5	2 UJ	2	2	78	16 J	3 J	3 J	4	2 U	2 U	4
Magnesium	EPA 6010B	3670 J	4120 J	2610 J	3020	3420	6800	3970 J	3010	2890	3320	2520	2780	4310
Manganese	EPA 6010B	199 J	240 J	113 J	138	169	249	188 J	155	128	162 J	115	119	234
Mercury	EPA 7471A	0.04 U	0.04 U	0.05 U	0.04 U	0.05 U	2.69	0.05 U	0.05 U	0.04 U	0.04 U	0.04 U	0.05 U	0.06
Molybdenum	EPA 6010B	0.6	0.7	0.9 J	0.6	1.2	0.6	0.7	0.8	0.8	0.9	0.6	0.7	1.1
Nickel	EPA 6010B	12 J	13 J	8 J	10	12	40	16	11	10	12	8.6	9	13
Selenium	EPA 6010B	5 U	5 U	5 UJ	5 U	6 U	6 U	5 U	5 U	6 U	5 U	5 U	5 U	5 U
Silver	EPA 6010B	0.3 U	0.3 U	0.3 UJ	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2
Tin	EPA 6010B	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.9 U	1 U	1 U
Vanadium	EPA 6010B	44.9 J	48.7 J	44.5 J	45.1	50.5	46.8	43	47.4	53.9	43	39.9	42.8	61
Zinc	EPA 6010B	38 J	40 J	25 J	30	41	77	78 J	32 J	31 J	52	25.2	27	38
Cyanide	EPA 335.2													
Chromium(VI)	SM3500CrD													
Total Solids (%)	EPA 160.3							94.4	89.2	86.8				
Total Organic Carbon (%)	Plumb 1981							0.799	0.666	0.31				
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx				6.3	5.9 U	6.2 U	4.3 U	5.6 U	5.8 U				
TPH - Diesel Range	NWTPH-Dx-Cleaned				5.4 U	5.7 U	13	7.3	5.7 U	5.8 U				
TPH - Motor Oil Range	NWTPH-Dx-Cleaned				12	17	55	29	14	13				

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-042 4 - 5 2-40-DP-42-04-S-0 5/13/2008	2-40-DP-042 9 - 10 2-40-DP-42-09-S-0 5/13/2008	2-40-DP-043 0 - 1 2-40-DP-43-01-S-0 5/12/2008	2-40-DP-043 4 - 5 2-40-DP-43-04-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 Reanalysis 5/12/2008	2-40-DP-045 0 - 1 2-40-DP-45-01-S-0 5/27/2008	2-40-DP-045 4 - 5 2-40-DP-45-04-S-0 5/27/2008	2-40-DP-045 9 - 10 2-40-DP-45-09-S-0 5/27/2008	2-40-DP-046 0 - 1 2-40-DP-46-01-S-0 6/9/2008	2-40-DP-046 4 - 5 2-40-DP-46-04-S-0 6/9/2008	2-40-DP-046 9 - 10 2-40-DP-46-09-S-0 6/9/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Bromomethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 UJ	1.8 UJ	1.2 UJ
Vinyl Chloride	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 UJ	1.3 UJ	1 UJ	1.1 UJ	1.8 UJ	1.2 UJ
Chloroethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Methylene Chloride	EPA 8260B	2.4	2.1 U	2.1 U	1.8 U	2.3 UJ	2 U	3.2 U	3.5 U	2.4 U	2.2 U	3.6 U	2.3 U
Acetone	EPA 8260B	14 U	12 U	16	16	18 J	19	21	9.7	29	160 J	40	58
Carbon Disulfide	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1.4	1.1 U	1.8 U	8.6
1,1-Dichloroethene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,1-Dichloroethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
trans-1,2-Dichloroethene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
cis-1,2-Dichloroethene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	5.6	1.1 U	1.8 U	1.2 U
Chloroform	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,2-Dichloroethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
2-Butanone	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	9.6	9.1 U	11
1,1,1-Trichloroethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Carbon Tetrachloride	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Vinyl Acetate	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 UR	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
Bromodichloromethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,2-Dichloropropane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
cis-1,3-Dichloropropene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Trichloroethene	EPA 8260B	1.6	2	1 U	0.9 U	1.2 UJ	1 U	1.6	1.3 U	6.1	1.1 U	1.8 U	1.2 U
Dibromochloromethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,1,2-Trichloroethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Benzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.5
trans-1,3-Dichloropropene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
2-Chloroethylvinylether	EPA 8260B	5.3 UR	5.3 UR	5.1 U	4.6 U	5.8 UJ	5 UR	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
Bromoform	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Methyl isobutyl ketone	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
2-Hexanone	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
Tetrachloroethene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Toluene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Chlorobenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Ethylbenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Styrene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Trichlorofluoromethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.1 U	2.1 U	2.1 U	1.8 U	2.3 UJ	2 U	2.4 U	2.5 U	2.1 U	2.2 U	3.6 U	2.3 U
m,p-Xylene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
o-Xylene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,2-Dichlorobenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,3-Dichlorobenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,4-Dichlorobenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Acrolein	EPA 8260B	53 U	53 U	51 U	46 U	58 UJ	50 U	61 U	63 U	53 U	54 U	91 U	58 U
Methyl Iodide	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 UJ	1.8 UJ	1.2 UJ
Bromoethane	EPA 8260B	2.1 U	2.1 U	2.1 U	1.8 U	2.3 UJ	2 U	2.4 U	2.5 U	2.1 U	2.2 U	3.6 U	2.3 U
Acrylonitrile	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
1,1-Dichloropropene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Dibromomethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5.3 U	5.3 U	5.1 UJ	4.6 UJ	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
1,2,3-Trichloropropane	EPA 8260B	2.1 U	2.1 U	2.1 U	1.8 U	2.3 UJ	2 U	2.4 U	2.5 U	2.1 U	2.2 U	3.6 U	2.3 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
1,3,5-Trimethylbenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,2,4-Trimethylbenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Hexachlorobutadiene	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
Ethylene Dibromide	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Bromochloromethane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
2,2-Dichloropropane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,3-Dichloropropane	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Isopropylbenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
n-Propylbenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
Bromobenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
2-Chlorotoluene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
4-Chlorotoluene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
tert-Butylbenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
sec-Butylbenzene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
4-Isopropyltoluene	EPA 8260B	1.1 U	1.1 U	1 U	0.9 U	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
n-Butylbenzene	EPA 8260B	1.1 U	1.1 U	1 UJ	0.9 UJ	1.2 UJ	1 U	1.2 U	1.3 U	1 U	1.1 U	1.8 U	1.2 U
1,2,4-Trichlorobenzene	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
Naphthalene	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
1,2,3-Trichlorobenzene	EPA 8260B	5.3 U	5.3 U	5.1 U	4.6 U	5.8 UJ	5 U	6.1 U	6.3 U	5.3 U	5.4 U	9.1 U	5.8 U
SVOCs (µg/kg)													
Phenol	EPA 8270D			64 U	64 U	65 U							
bis(2-Chloroethyl)ether	EPA 8270D			64 U	64 U	65 U							

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-042 4 - 5 2-40-DP-42-04-S-0 5/13/2008	2-40-DP-042 9 - 10 2-40-DP-42-09-S-0 5/13/2008	2-40-DP-043 0 - 1 2-40-DP-43-01-S-0 5/12/2008	2-40-DP-043 4 - 5 2-40-DP-43-04-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 Reanalysis 5/12/2008	2-40-DP-045 0 - 1 2-40-DP-45-01-S-0 5/27/2008	2-40-DP-045 4 - 5 2-40-DP-45-04-S-0 5/27/2008	2-40-DP-045 9 - 10 2-40-DP-45-09-S-0 5/27/2008	2-40-DP-046 0 - 1 2-40-DP-46-01-S-0 6/9/2008	2-40-DP-046 4 - 5 2-40-DP-46-04-S-0 6/9/2008	2-40-DP-046 9 - 10 2-40-DP-46-09-S-0 6/9/2008
2-Chlorophenol	EPA 8270D			64 U	64 U	65 U							
1,3-Dichlorobenzene	EPA 8270D			64 U	64 U	65 U							
1,4-Dichlorobenzene	EPA 8270D			64 U	64 U	65 U							
Benzyl Alcohol	EPA 8270D			320 UJ	320 UR	330 UJ							
1,2-Dichlorobenzene	EPA 8270D			64 U	64 U	65 U							
2-Methylphenol	EPA 8270D			64 U	64 U	65 U							
2,2'-Oxybis(1-Chloropropane)	EPA 8270D			64 U	64 U	65 U							
4-Methylphenol	EPA 8270D			64 U	64 U	65 U							
N-Nitroso-Di-N-Propylamine	EPA 8270D			320 U	320 U	330 U							
Hexachloroethane	EPA 8270D			64 U	64 U	65 U							
Nitrobenzene	EPA 8270D			64 U	64 U	65 U							
Isophorone	EPA 8270D			64 U	64 U	65 U							
2-Nitrophenol	EPA 8270D			320 U	320 U	330 U							
2,4-Dimethylphenol	EPA 8270D			64 U	64 U	65 U							
Benzoic Acid	EPA 8270D			640 U	640 U	650 U							
bis(2-Chloroethoxy)methane	EPA 8270D			64 U	64 U	65 U							
2,4-Dichlorophenol	EPA 8270D			320 U	320 U	330 U							
1,2,4-Trichlorobenzene	EPA 8270D			64 U	64 U	65 U							
Naphthalene	EPA 8270D			64 U	64 U	65 U							
4-Chloroaniline	EPA 8270D			320 U	320 U	330 U							
Hexachlorobutadiene	EPA 8270D			64 U	64 U	65 U							
4-Chloro-3-methylphenol	EPA 8270D			320 U	320 U	330 U							
2-Methylnaphthalene	EPA 8270D			64 U	64 U	65 U							
Hexachlorocyclopentadiene	EPA 8270D			320 U	320 U	330 U							
2,4,6-Trichlorophenol	EPA 8270D			320 U	320 U	330 U							
2,4,5-Trichlorophenol	EPA 8270D			320 U	320 U	330 U							
2-Chloronaphthalene	EPA 8270D			64 U	64 U	65 U							
2-Nitroaniline	EPA 8270D			320 U	320 U	330 U							
Dimethylphthalate	EPA 8270D			64 U	64 U	65 U							
Acenaphthylene	EPA 8270D			64 U	64 U	65 U							
3-Nitroaniline	EPA 8270D			320 U	320 U	330 U							
Acenaphthene	EPA 8270D			64 U	64 U	65 U							
2,4-Dinitrophenol	EPA 8270D			640 U	640 U	650 U							
4-Nitrophenol	EPA 8270D			320 U	320 U	330 U							
Dibenzofuran	EPA 8270D			64 U	64 U	65 U							
2,6-Dinitrotoluene	EPA 8270D			320 U	320 U	330 U							
2,4-Dinitrotoluene	EPA 8270D			320 U	320 U	330 U							
Diethylphthalate	EPA 8270D			170 U	230 U	89 U							
4-Chlorophenyl-phenylether	EPA 8270D			64 U	64 U	65 U							
Fluorene	EPA 8270D			64 U	64 U	65 U							
4-Nitroaniline	EPA 8270D			320 U	320 U	330 U							
4,6-Dinitro-2-Methylphenol	EPA 8270D			640 U	640 U	650 U							
N-Nitrosodiphenylamine	EPA 8270D			64 U	64 U	65 U							
4-Bromophenyl-phenylether	EPA 8270D			64 U	64 U	65 U							
Hexachlorobenzene	EPA 8270D			64 U	64 U	65 U							
Pentachlorophenol	EPA 8270D			320 U	320 U	330 U							
Phenanthrene	EPA 8270D			64 U	64 U	65 U							
Carbazole	EPA 8270D			64 U	64 U	65 U							
Anthracene	EPA 8270D			64 U	64 U	65 U							
Di-n-Butylphthalate	EPA 8270D			64 U	64 U	65 U							
Fluoranthene	EPA 8270D			64 U	64 U	66							
Pyrene	EPA 8270D			64 U	64 U	70							
Butylbenzylphthalate	EPA 8270D			64 U	64 U	65 U							
3,3'-Dichlorobenzidine	EPA 8270D			320 U	320 U	330 U							
Benzo(a)anthracene	EPA 8270D			64 U	64 U	65 U							
bis(2-Ethylhexyl)phthalate	EPA 8270D			64 U	64 U	65 U							
Chrysene	EPA 8270D			64 U	64 U	65 U							
Di-n-octylphthalate	EPA 8270D			64 U	64 U	65 U							
Benzo(b)fluoranthene	EPA 8270D			64 U	64 U	65 U							
Benzo(k)fluoranthene	EPA 8270D			64 U	64 U	65 U							
Benzo(a)pyrene	EPA 8270D			64 U	64 U	65 U							
Indeno(1,2,3-cd)pyrene	EPA 8270D			64 U	64 U	65 U							
Dibenz(a,h)anthracene	EPA 8270D			64 U	64 U	65 U							
Benzo(g,h,i)perylene	EPA 8270D			64 U	64 U	65 U							
1-Methylnaphthalene	EPA 8270D			64 U	64 U	65 U							
Naphthalene	EPA 8270DSIM			4.8 UJ	4.9 U	5 U							
2-Methylnaphthalene	EPA 8270DSIM			4.8 UJ	4.9 U	5 U							
1-Methylnaphthalene	EPA 8270DSIM			4.8 UJ	4.9 U	5 U							
Acenaphthylene	EPA 8270DSIM			4.8 UJ	4.9 U	5 U							
Acenaphthene	EPA 8270DSIM			6.8 J	4.9 U	5 U							
Fluorene	EPA 8270DSIM			4.8 J	4.9 U	5 U							
Phenanthrene	EPA 8270DSIM			68 J	4.9 U	34							
Anthracene	EPA 8270DSIM			12 J	4.9 U	6.5							
Fluoranthene	EPA 8270DSIM			52 J	4.9 U	47							
Pyrene	EPA 8270DSIM			58 J	4.9 U	56							

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-042 4 - 5 2-40-DP-42-04-S-0 5/13/2008	2-40-DP-042 9 - 10 2-40-DP-42-09-S-0 5/13/2008	2-40-DP-043 0 - 1 2-40-DP-43-01-S-0 5/12/2008	2-40-DP-043 4 - 5 2-40-DP-43-04-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 5/12/2008	2-40-DP-043 9 - 10 2-40-DP-43-09-S-0 Reanalysis 5/12/2008	2-40-DP-045 0 - 1 2-40-DP-45-01-S-0 5/27/2008	2-40-DP-045 4 - 5 2-40-DP-45-04-S-0 5/27/2008	2-40-DP-045 9 - 10 2-40-DP-45-09-S-0 5/27/2008	2-40-DP-046 0 - 1 2-40-DP-46-01-S-0 6/9/2008	2-40-DP-046 4 - 5 2-40-DP-46-04-S-0 6/9/2008	2-40-DP-046 9 - 10 2-40-DP-46-09-S-0 6/9/2008
Benzo(a)anthracene	EPA 8270DSIM			22 J	4.9 U	26							
Chrysene	EPA 8270DSIM			24 J	4.9 U	27							
Benzo(b)fluoranthene	EPA 8270DSIM			18 J	4.9 U	24							
Benzo(k)fluoranthene	EPA 8270DSIM			16 J	4.9 U	22							
Benzo(a)pyrene	EPA 8270DSIM			19 J	4.9 U	28							
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM			12 J	4.9 U	15							
Dibenz(a,h)anthracene	EPA 8270DSIM			4.8 UJ	4.9 U	5 U							
Benzo(g,h,i)perylene	EPA 8270DSIM			14 J	4.9 U	19							
Dibenzofuran	EPA 8270DSIM			4.8 UJ	4.9 U	5 U							
PCBs (µg/kg)													
Aroclor 1016	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Aroclor 1242	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Aroclor 1248	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Aroclor 1254	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Aroclor 1260	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Aroclor 1221	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Aroclor 1232	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Aroclor 1262	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Aroclor 1268	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Total PCB	EPA 8082			32 U	33 U	33 U					32 U	33 U	33 U
Inorganics (mg/kg)													
Aluminum	EPA 6010B	8440	8570	9560	16400	13200		13100	8770	12100	11500	9470	23000
Antimony	EPA 6010B	5 UJ	5 UJ	5 UJ	6 UJ	5 UJ		6 UJ	5 UJ	5 UJ	5 UJ	5 UJ	7 UJ
Arsenic	EPA 6010B	5 U	5 U	5 U	6 U	5 U		6 U	5 U	5 U	5 U	5 U	11
Barium	EPA 6010B	15.4	15.8	32.3	72	46.1		46.1	21.3	36	38.9 J	29.2 J	78.9 J
Beryllium	EPA 6010B	0.1 U	0.1 U	0.1 U	0.2	0.1		0.2	0.1 U	0.1	0.2	0.1 U	0.3
Cadmium	EPA 6010B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		1.6	0.2 U	0.2 U	0.2 J	0.2 UJ	0.3 UJ
Calcium	EPA 6010B	11300	4680	4050 J	5350	5130		5460	4070	4610	5240	4670	6630
Chromium	EPA 6010B	8.9	8.9	11.7	18.2	18.4		151	33.1	21.3	93	32.9	27.2
Cobalt	EPA 6010B	2.9	2.8	4	6.5	5.7		82.6 J	4.5 J	5.5 J	6	5.5	8.9
Copper	EPA 6010B	31.8	24.5	12.4	24.4	16.5		22.2	10.6	17.5	16	11.4	44.7
Iron	EPA 6010B	9130	9520	12700	20300	16000		20800	13500	13900	16100	14000	25200
Lead	EPA 6010B	5	4	3	5	3		14 J	2 UJ	2 UJ	6	3	16
Magnesium	EPA 6010B	3280	3320	2620 J	4080	4050		4490	2510	3120	3360	3000	6540
Manganese	EPA 6010B	70.5	71.5	123 J	184	166		231	130	129	172	147	299
Mercury	EPA 7471A	0.04 U	0.04 U	0.04 U	0.1	0.05		0.05 U	0.04 U	0.04 U	0.05 UJ	0.04 UJ	0.13 J
Molybdenum	EPA 6010B	1	0.8	0.8	1	1		1.4	2.3	1.8	0.5 U	0.5 U	0.8
Nickel	EPA 6010B	7	7	9	14	16		20	10	11	11	9	19
Selenium	EPA 6010B	5 U	5 U	5 U	6 U	5 U		6 U	5 U	5 U	5 U	5 U	7 U
Silver	EPA 6010B	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		11.6 J	0.3 UJ	0.3 UJ	0.3 U	0.3 U	0.4 U
Thallium	EPA 7841	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U		0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.2
Tin	EPA 6010B	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	25	25.7	40.4	61.3	47.9		49	44.6	46.3	50.8	48	79.3
Zinc	EPA 6010B	43	29	29	52	40		1070 J	28 J	40 J	87	29	66
Cyanide	EPA 335.2										0.052 U	0.052 U	0.111
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3			85.1	88.8	92.3					90.8	91.7	67.1
Total Organic Carbon (%)	Plumb 1981			0.458	0.563	0.288							
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx												
TPH - Diesel Range	NWTPH-Dx-Cleaned												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned												

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-047 0 - 1 2-40-DP-47-01-S-0 6/25/2008	2-40-DP-047 4 - 5 2-40-DP-47-04-S-0 6/25/2008	2-40-DP-047 9 - 10 2-40-DP-47-09-S-0 6/25/2008	2-40-DP-048 0 - 1 2-40-DP-48-01-S-0 7/1/2008	2-40-DP-048 4 - 5 2-40-DP-48-04-S-0 7/1/2008	2-40-DP-048 9 - 10 2-40-DP-48-09-S-0 7/1/2008	2-40-DP-049 0 - 1 2-40-DP-49-01-S-0 6/27/2008	2-40-DP-049 4 - 5 2-40-DP-49-04-S-0 6/27/2008	2-40-DP-049 9 - 10 2-40-DP-49-09-S-0 6/27/2008	2-40-DP-050 0 - 1 2-40-DP-50-01-S-0 6/18/2008	2-40-DP-050 5 - 6 2-40-DP-50-05-S-0 6/18/2008	2-40-DP-050 9 - 10 2-40-DP-50-09-S-0 6/18/2008	2-40-DP-051 0 - 1 2-40-DP-51-01-S-0 6/3/2008
VOCs (µg/kg)														
Chloromethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Bromomethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Vinyl Chloride	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	4	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 UJ
Chloroethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Methylene Chloride	EPA 8260B	4.2 U	2.4 U	2.9 U	2.3 U	2.6 U	3 U	1.8 U	2.6 U	2 U	2.1 U	2.4 UJ	3 U	5.6 U
Acetone	EPA 8260B	15	11 U	100	48 U	57 U	56 U	32	24	17	44	75 J	43	40
Carbon Disulfide	EPA 8260B	1 U	1.2 U	5.3	1.1 U	1.3 U	1.6	1.8	1.3 U	2.6	1.6	1.2 UJ	1.5 U	1 U
1,1-Dichloroethene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,1-Dichloroethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	1 U	1.2 U	1.4 U	1.5	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	3.6	1 U
Chloroform	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,2-Dichloroethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
2-Butanone	EPA 8260B	5.2 U	5.9 U	25	6.8	6.5 U	7.4 U	4.4 U	6.4 U	5.1 U	5.6	6.8 J	7.4 U	5.2 U
1,1,1-Trichloroethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Carbon Tetrachloride	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Vinyl Acetate	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 UR	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
Bromodichloromethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,2-Dichloropropane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
cis-1,3-Dichloropropene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Trichloroethene	EPA 8260B	1 U	1.2 U	1.4 U	150	130	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Dibromochloromethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,1,2-Trichloroethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Benzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	2.2	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.6	1 U
trans-1,3-Dichloropropene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
2-Chloroethylvinylether	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 UR	6.5 UR	7.4 UR	4.4 U	6.4 U	5.1 U	5.3 U	5.9 UR	7.4 U	5.2 U
Bromoform	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Methyl isobutyl ketone	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 U	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
2-Hexanone	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 U	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
Tetrachloroethene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Toluene	EPA 8260B	1 U	1.2 U	1.4 U	2.6	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Chlorobenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Ethylbenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Styrene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Trichlorofluoromethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.1 U	2.4 U	2.9 U	2.2 U	2.6 U	3 U	1.8 U	2.6 U	2 U	2.1 U	2.4 UJ	3 U	2.1 U
m,p-Xylene	EPA 8260B	1 U	1.2 U	1.4 U	1.8	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
o-Xylene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	2.1	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,2-Dichlorobenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,3-Dichlorobenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,4-Dichlorobenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Acrolein	EPA 8260B	52 U	59 U	72 U	56 UR	65 UR	74 UR	44 UR	64 U	51 U	53 U	59 UJ	74 U	52 U
Methyl Iodide	EPA 8260B	1 UJ	1.2 UJ	1.4 UJ	1.1 U	1.3 U	1.5 U	0.9 UJ	1.3 UJ	1 UJ	1 U	1.2 UJ	1.5 U	1 U
Bromoethane	EPA 8260B	2.1 U	2.4 U	2.9 U	2.2 U	2.6 U	3 U	1.8 UJ	2.6 UJ	2 UJ	2.1 U	2.4 UJ	3 U	2.1 U
Acrylonitrile	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 U	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
1,1-Dichloropropene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Dibromomethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 U	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
1,2,3-Trichloropropane	EPA 8260B	2.1 U	2.4 U	2.9 U	2.2 U	2.6 U	3 U	1.8 U	2.6 U	2 U	2.1 U	2.4 UJ	3 U	2.1 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 U	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
1,3,5-Trimethylbenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	4	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	17	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Hexachlorobutadiene	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 UJ	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
Ethylene Dibromide	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Bromochloromethane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
2,2-Dichloropropane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,3-Dichloropropane	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Isopropylbenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	2	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
n-Propylbenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	6.2	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
Bromobenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
2-Chlorotoluene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
4-Chlorotoluene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
tert-Butylbenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	1.5 U	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
sec-Butylbenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	6	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
4-Isopropyltoluene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	3.1	1.2	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
n-Butylbenzene	EPA 8260B	1 U	1.2 U	1.4 U	1.1 U	1.3 U	3.1	0.9 U	1.3 U	1 U	1 U	1.2 UJ	1.5 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 UJ	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
Naphthalene	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 UJ	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
1,2,3-Trichlorobenzene	EPA 8260B	5.2 U	5.9 U	7.2 U	5.6 U	6.5 U	7.4 U	4.4 UJ	6.4 U	5.1 U	5.3 U	5.9 UJ	7.4 U	5.2 U
SVOCs (µg/kg)														
Phenol	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
bis(2-Chloroethyl)ether	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-047 0 - 1 2-40-DP-47-01-S-0 6/25/2008	2-40-DP-047 4 - 5 2-40-DP-47-04-S-0 6/25/2008	2-40-DP-047 9 - 10 2-40-DP-47-09-S-0 6/25/2008	2-40-DP-048 0 - 1 2-40-DP-48-01-S-0 7/1/2008	2-40-DP-048 4 - 5 2-40-DP-48-04-S-0 7/1/2008	2-40-DP-048 9 - 10 2-40-DP-48-09-S-0 7/1/2008	2-40-DP-049 0 - 1 2-40-DP-49-01-S-0 6/27/2008	2-40-DP-049 4 - 5 2-40-DP-49-04-S-0 6/27/2008	2-40-DP-049 9 - 10 2-40-DP-49-09-S-0 6/27/2008	2-40-DP-050 0 - 1 2-40-DP-50-01-S-0 6/18/2008	2-40-DP-050 5 - 6 2-40-DP-50-05-S-0 6/18/2008	2-40-DP-050 9 - 10 2-40-DP-50-09-S-0 6/18/2008	2-40-DP-051 0 - 1 2-40-DP-51-01-S-0 6/3/2008
2-Chlorophenol	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
1,3-Dichlorobenzene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
1,4-Dichlorobenzene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Benzyl Alcohol	EPA 8270D	320 UJ	330 UJ	340 UJ							330 U	330 U	320 U	
1,2-Dichlorobenzene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
2-Methylphenol	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
4-Methylphenol	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
N-Nitroso-Di-N-Propylamine	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
Hexachloroethane	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Nitrobenzene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Isophorone	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
2-Nitrophenol	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
2,4-Dimethylphenol	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Benzoic Acid	EPA 8270D	640 UJ	660 UJ	670 UJ							650 U	660 U	640 U	
bis(2-Chloroethoxy)methane	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
2,4-Dichlorophenol	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
1,2,4-Trichlorobenzene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Naphthalene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
4-Chloroaniline	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
Hexachlorobutadiene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
4-Chloro-3-methylphenol	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
2-Methylnaphthalene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Hexachlorocyclopentadiene	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
2,4,6-Trichlorophenol	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
2,4,5-Trichlorophenol	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
2-Chloronaphthalene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
2-Nitroaniline	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
Dimethylphthalate	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Acenaphthylene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
3-Nitroaniline	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
Acenaphthene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
2,4-Dinitrophenol	EPA 8270D	640 UJ	660 UJ	670 UJ							650 UJ	660 UJ	640 UJ	
4-Nitrophenol	EPA 8270D	320 UJ	330 UJ	340 UJ							330 U	330 U	320 U	
Dibenzofuran	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
2,6-Dinitrotoluene	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
2,4-Dinitrotoluene	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
Diethylphthalate	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
4-Chlorophenyl-phenylether	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Fluorene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
4-Nitroaniline	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
4,6-Dinitro-2-Methylphenol	EPA 8270D	640 U	660 U	670 U							650 U	660 U	640 U	
N-Nitrosodiphenylamine	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
4-Bromophenyl-phenylether	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Hexachlorobenzene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Pentachlorophenol	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
Phenanthrene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Carbazole	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Anthracene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Di-n-Butylphthalate	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Fluoranthene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Pyrene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Butylbenzylphthalate	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
3,3'-Dichlorobenzidine	EPA 8270D	320 U	330 U	340 U							330 U	330 U	320 U	
Benzo(a)anthracene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D	64 U	66 U	67 U							98	66 U	300	
Chrysene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Di-n-octylphthalate	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Benzo(b)fluoranthene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Benzo(k)fluoranthene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Benzo(a)pyrene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Dibenz(a,h)anthracene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Benzo(g,h,i)perylene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
1-Methylnaphthalene	EPA 8270D	64 U	66 U	67 U							65 U	66 U	64 U	
Naphthalene	EPA 8270DSIM	4.8 U	4.6 U	77							5.3	5 U	5.4	
2-Methylnaphthalene	EPA 8270DSIM	4.8 U	4.6 U	42							5.3	5 U	5.4	
1-Methylnaphthalene	EPA 8270DSIM	4.8 U	4.6 U	27							4.8	5 U	5	
Acenaphthylene	EPA 8270DSIM	4.8 U	4.6 U	4.7 U							5.8	5 U	5 U	
Acenaphthene	EPA 8270DSIM	4.8 U	4.6 U	14							4.8 U	5 U	6.4	
Fluorene	EPA 8270DSIM	4.8 U	4.6 U	20							4.8 U	5 U	9.4	
Phenanthrene	EPA 8270DSIM	4.8 U	4.6 U	62							45	8	35	
Anthracene	EPA 8270DSIM	4.8 U	4.6 U	8.5							6.8	5 U	6.9	
Fluoranthene	EPA 8270DSIM	4.8 U	4.6 U	39							37	5 U	52	
Pyrene	EPA 8270DSIM	4.8 U	4.6 U	32							46	5 U	37	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-047 0 - 1 2-40-DP-47-01-S-0 6/25/2008	2-40-DP-047 4 - 5 2-40-DP-47-04-S-0 6/25/2008	2-40-DP-047 9 - 10 2-40-DP-47-09-S-0 6/25/2008	2-40-DP-048 0 - 1 2-40-DP-48-01-S-0 7/1/2008	2-40-DP-048 4 - 5 2-40-DP-48-04-S-0 7/1/2008	2-40-DP-048 9 - 10 2-40-DP-48-09-S-0 7/1/2008	2-40-DP-049 0 - 1 2-40-DP-49-01-S-0 6/27/2008	2-40-DP-049 4 - 5 2-40-DP-49-04-S-0 6/27/2008	2-40-DP-049 9 - 10 2-40-DP-49-09-S-0 6/27/2008	2-40-DP-050 0 - 1 2-40-DP-50-01-S-0 6/18/2008	2-40-DP-050 5 - 6 2-40-DP-50-05-S-0 6/18/2008	2-40-DP-050 9 - 10 2-40-DP-50-09-S-0 6/18/2008	2-40-DP-051 0 - 1 2-40-DP-51-01-S-0 6/3/2008
Benzo(a)anthracene	EPA 8270DSIM	4.8 U	4.6 U	11							18	5 U	9.9	
Chrysene	EPA 8270DSIM	4.8 U	4.6 U	17							25	5 U	15	
Benzo(b)fluoranthene	EPA 8270DSIM	4.8 U	4.6 U	18							15	5 U	8.4	
Benzo(k)fluoranthene	EPA 8270DSIM	4.8 U	4.6 U	22							15	5 U	6.9	
Benzo(a)pyrene	EPA 8270DSIM	4.8 U	4.6 U	13							18	5 U	5 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	4.8 U	4.6 U	4.7 U							13	5 U	5 U	
Dibenz(a,h)anthracene	EPA 8270DSIM	4.8 U	4.6 U	4.7 U							4.8 U	5 U	5 U	
Benzo(g,h,i)perylene	EPA 8270DSIM	4.8 U	4.6 U	4.7 U							16	5 U	7.4	
Dibenzofuran	EPA 8270DSIM	4.8 U	4.6 U	18							4.8 U	5 U	5	
PCBs (µg/kg)														
Aroclor 1016	EPA 8082										33 U	32 U	32 U	32 U
Aroclor 1242	EPA 8082										33 U	32 U	32 U	32 U
Aroclor 1248	EPA 8082										33 U	32 U	32 U	32 U
Aroclor 1254	EPA 8082										33 U	32 U	32 U	32 U
Aroclor 1260	EPA 8082										33 U	32 U	32 U	32 U
Aroclor 1221	EPA 8082										33 U	32 U	32 U	32 U
Aroclor 1232	EPA 8082										33 U	32 U	32 U	32 U
Aroclor 1262	EPA 8082										33 U	32 U	32 U	32 U
Aroclor 1268	EPA 8082										33 U	32 U	32 U	32 U
Total PCB	EPA 8082										33 U	32 U	32 U	32 U
Inorganics (mg/kg)														
Aluminum	EPA 6010B	9400	8830	15200	11800	13500	13400	15000	9540	12600	11700	8340	18100	11100
Antimony	EPA 6010B	5 UJ	5 UJ	7 UJ	5 UJ	5 UJ	7 UJ	5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	7 UJ	5 UJ
Arsenic	EPA 6010B	5 U	5 U	7 U	5	5 U	10	5 U	5 U	6 U	5 U	5 U	8	5
Barium	EPA 6010B	28.1	29.9	70	41.3	49.7	41	63.8	25.4	43.6	43.9	30	70.5	51.5
Beryllium	EPA 6010B	0.1 U	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.2
Cadmium	EPA 6010B	1.9	0.2 U	0.3 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U	0.2
Calcium	EPA 6010B	4250	4450	5760	5250	4820	4750	5700	4600	6060	4880	4080	5490	5050
Chromium	EPA 6010B	13.4	12.1	17.7	14.9	14.8	14.6	20	9.9	11.9	16.7	12	20.1	14.5
Cobalt	EPA 6010B	5.3	4.4	5.3	5.9	5.2	6.4	7.6	4.1	4.7	8.1	8.2	7	5.4
Copper	EPA 6010B	12	10.5	24.9	27.4	17	35.3	18.5	10.2	16.9	16.3	10.8	27.5	19.3
Iron	EPA 6010B	14600	12400	17100	17900	15000	16200	16800	11800	15600	15400	12400	21500	14700
Lead	EPA 6010B	6	2 U	11	7	3	3 U	7	2 U	2 U	5	2	7	6
Magnesium	EPA 6010B	3040	2440	4080	3220	3160	3040	5760	2480	2310	3360	2560	4500	3250
Manganese	EPA 6010B	143	117	200	169	141	127	252	112	462	164	130	233	158
Mercury	EPA 7471A	0.05 U	0.05 U	0.07	0.05	0.04 U	0.05	0.04 U	0.05	0.06 U	0.05 U	0.05 U	0.06	0.04 U
Molybdenum	EPA 6010B	0.8	0.7	1.2	1.2	1	4.8	0.5 U	0.5 U	0.6 U	0.5 U	0.6	0.7 U	0.5 U
Nickel	EPA 6010B	10	9	13	12	12	13	24	7.9	8	13	9	15	12
Selenium	EPA 6010B	5 U	5 U	7 U	5 U	5 U	7 U	5 U	5 U	6 U	5 U	5 U	7 U	5 U
Silver	EPA 6010B	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.4	0.4 U	0.3 U
Thallium	EPA 7841	0.2	0.1 U	0.2	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1
Tin	EPA 6010B	1	1 U	1 U	4	1 U	1 U	1 U	0.9 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	43.8	39	50.6	47.5	49.1	64.2	48.5	37.3	46.2	44.8	37.4	56.5	44.7
Zinc	EPA 6010B	726	25	53	38	32	28	39	24.4	22	36	26	44	40
Cyanide	EPA 335.2	0.051 U	0.05 U	0.359							0.065	0.051	0.067 U	0.054 U
Chromium(VI)	SM3500CrD													
Total Solids (%)	EPA 160.3	91.2	93.1	69.2							91.3	95.6	71.4	91
Total Organic Carbon (%)	Plumb 1981													
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx	5.8 U	6.2 U	8.9 U										8.4 J
TPH - Diesel Range	NWTPH-Dx-Cleaned	5.5 U	5.3 U	7.1 U										5.4 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	11 U	11 U	15										11 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-051 4 - 5 2-40-DP-51-04-S-0 6/3/2008	2-40-DP-051 9 - 10 2-40-DP-51-09-S-0 6/3/2008	2-40-DP-052 0 - 1 2-40-DP-52-01-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 Reanalysis 7/2/2008	2-40-DP-052 9 - 10 2-40-DP-52-09-S-0 7/2/2008	2-40-DP-053 0 - 1 2-40-DP-53-01-S-0 6/9/2008	2-40-DP-053 4 - 5 2-40-DP-53-04-S-0 6/9/2008	2-40-DP-053 9 - 10 2-40-DP-53-09-S-0 6/9/2008	2-40-DP-054 0 - 1 2-40-DP-54-01-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 Reanalysis 6/6/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Bromomethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 UJ	1.5 UJ	1 UJ	1.6 UJ	1.7 UJ	1.4 U
Vinyl Chloride	EPA 8260B	1 UJ	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 UJ	1.5 UJ	1 UJ	1.6 UJ	1.7 UJ	1.4 UJ
Chloroethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Methylene Chloride	EPA 8260B	5.8 U	3.1 U	3.2 U	8.6 U	6.9 U	7.5 U	1.8 U	4.9 U	2.1 U	3.2 U	3.3 U	4
Acetone	EPA 8260B	36	20 J	63	280	12 U	120	62	56	47	68	63	93
Carbon Disulfide	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	7.1	4.1	6.9	1.6 U	8.7	6.8
1,1-Dichloroethene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,1-Dichloroethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
trans-1,2-Dichloroethene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
cis-1,2-Dichloroethene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Chloroform	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,2-Dichloroethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
2-Butanone	EPA 8260B	5 U	5.5 UJ	4.9 U	8.5	5.4 U	27	8.3	7.9	6.2	8 U	8.8	15
1,1,1-Trichloroethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Carbon Tetrachloride	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Vinyl Acetate	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 U	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 U	7.2 U
Bromodichloromethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,2-Dichloropropane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
cis-1,3-Dichloropropene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Trichloroethene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Dibromochloromethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,1,2-Trichloroethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Benzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	1	1.5 U	1 U	1.6 U	2	1.4 U
trans-1,3-Dichloropropene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
2-Chloroethylvinylether	EPA 8260B	5 U	5.5 UJ	4.9 UR	6.9 UR	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 U	7.2 U
Bromoform	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
Methyl isobutyl ketone	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 U	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 U	7.2 U
2-Hexanone	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 U	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 U	7.2 U
Tetrachloroethene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
Toluene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	3.1	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Chlorobenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Ethylbenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Styrene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Trichlorofluoromethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2 U	2.2 UJ	2 U	2.8 U	2.2 U	2.9 U	1.8 U	3 U	2.1 U	3.2 U	3.3 U	2.9 U
m,p-Xylene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
o-Xylene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,2-Dichlorobenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
1,3-Dichlorobenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
1,4-Dichlorobenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
Acrolein	EPA 8260B	50 U	55 UJ	49 UR	69 UR	54 U	73 U	45 U	74 U	53 U	80 U	83 U	72 U
Methyl Iodide	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 UJ	1.5 UJ	1 UJ	1.6 U	1.7 U	1.4 UJ
Bromoethane	EPA 8260B	2 U	2.2 UJ	2 U	2.8 U	2.2 U	2.9 U	1.8 U	3 U	2.1 U	3.2 U	3.3 U	2.9 UJ
Acrylonitrile	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 U	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 U	7.2 U
1,1-Dichloropropene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Dibromomethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 UJ	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 UJ	7.2 U
1,2,3-Trichloropropane	EPA 8260B	2 U	2.2 UJ	2 U	2.8 UJ	2.2 U	2.9 U	1.8 U	3 U	2.1 U	3.2 U	3.3 UJ	2.9 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 UJ	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 UJ	7.2 U
1,3,5-Trimethylbenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
1,2,4-Trimethylbenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
Hexachlorobutadiene	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 UJ	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 UJ	7.2 U
Ethylene Dibromide	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Bromochloromethane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
2,2-Dichloropropane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
1,3-Dichloropropane	EPA 8260B	1 U	1.1 UJ	1 U	1.4 U	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 U	1.4 U
Isopropylbenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
n-Propylbenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
Bromobenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
2-Chlorotoluene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
4-Chlorotoluene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
tert-Butylbenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
sec-Butylbenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
4-Isopropyltoluene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
n-Butylbenzene	EPA 8260B	1 U	1.1 UJ	1 U	1.4 UJ	1.1 U	1.4 U	0.9 U	1.5 U	1 U	1.6 U	1.7 UJ	1.4 U
1,2,4-Trichlorobenzene	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 UJ	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 UJ	7.2 U
Naphthalene	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 UJ	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 UJ	7.2 U
1,2,3-Trichlorobenzene	EPA 8260B	5 U	5.5 UJ	4.9 U	6.9 UJ	5.4 U	7.3 U	4.5 U	7.4 U	5.3 U	8 U	8.3 UJ	7.2 U
SVOCs (µg/kg)													
Phenol	EPA 8270D							65 U	66 U	63 U			
bis(2-Chloroethyl)ether	EPA 8270D							65 U	66 U	63 U			

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-051 4 - 5 2-40-DP-51-04-S-0 6/3/2008	2-40-DP-051 9 - 10 2-40-DP-51-09-S-0 6/3/2008	2-40-DP-052 0 - 1 2-40-DP-52-01-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 Reanalysis 7/2/2008	2-40-DP-052 9 - 10 2-40-DP-52-09-S-0 7/2/2008	2-40-DP-053 0 - 1 2-40-DP-53-01-S-0 6/9/2008	2-40-DP-053 4 - 5 2-40-DP-53-04-S-0 6/9/2008	2-40-DP-053 9 - 10 2-40-DP-53-09-S-0 6/9/2008	2-40-DP-054 0 - 1 2-40-DP-54-01-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 Reanalysis 6/6/2008
2-Chlorophenol	EPA 8270D							65 U	66 U	63 U			
1,3-Dichlorobenzene	EPA 8270D							65 U	66 U	63 U			
1,4-Dichlorobenzene	EPA 8270D							65 U	66 U	63 U			
Benzyl Alcohol	EPA 8270D							330 U	330 U	320 U			
1,2-Dichlorobenzene	EPA 8270D							65 U	66 U	63 U			
2-Methylphenol	EPA 8270D							65 U	66 U	63 U			
2,2'-Oxybis(1-Chloropropane)	EPA 8270D							65 U	66 U	63 U			
4-Methylphenol	EPA 8270D							65 U	66 U	63 U			
N-Nitroso-Di-N-Propylamine	EPA 8270D							330 U	330 U	320 U			
Hexachloroethane	EPA 8270D							65 U	66 U	63 U			
Nitrobenzene	EPA 8270D							65 U	66 U	63 U			
Isophorone	EPA 8270D							65 U	66 U	63 U			
2-Nitrophenol	EPA 8270D							330 U	330 U	320 U			
2,4-Dimethylphenol	EPA 8270D							65 U	66 U	63 U			
Benzoic Acid	EPA 8270D							650 U	660 U	630 U			
bis(2-Chloroethoxy)methane	EPA 8270D							65 U	66 U	63 U			
2,4-Dichlorophenol	EPA 8270D							330 U	330 U	320 U			
1,2,4-Trichlorobenzene	EPA 8270D							65 U	66 U	63 U			
Naphthalene	EPA 8270D							65 U	66 U	63 U			
4-Chloroaniline	EPA 8270D							330 U	330 U	320 U			
Hexachlorobutadiene	EPA 8270D							65 U	66 U	63 U			
4-Chloro-3-methylphenol	EPA 8270D							330 U	330 U	320 U			
2-Methylnaphthalene	EPA 8270D							65 U	66 U	63 U			
Hexachlorocyclopentadiene	EPA 8270D							330 U	330 U	320 U			
2,4,6-Trichlorophenol	EPA 8270D							330 U	330 U	320 U			
2,4,5-Trichlorophenol	EPA 8270D							330 U	330 U	320 U			
2-Chloronaphthalene	EPA 8270D							65 U	66 U	63 U			
2-Nitroaniline	EPA 8270D							330 U	330 U	320 U			
Dimethylphthalate	EPA 8270D							65 U	66 U	63 U			
Acenaphthylene	EPA 8270D							65 U	66 U	63 U			
3-Nitroaniline	EPA 8270D							330 U	330 U	320 U			
Acenaphthene	EPA 8270D							65 U	66 U	63 U			
2,4-Dinitrophenol	EPA 8270D							650 UR	660 UR	630 UR			
4-Nitrophenol	EPA 8270D							330 U	330 U	320 U			
Dibenzofuran	EPA 8270D							65 U	66 U	63 U			
2,6-Dinitrotoluene	EPA 8270D							330 U	330 U	320 U			
2,4-Dinitrotoluene	EPA 8270D							330 U	330 U	320 U			
Diethylphthalate	EPA 8270D							65 U	66 U	63 U			
4-Chlorophenyl-phenylether	EPA 8270D							65 U	66 U	63 U			
Fluorene	EPA 8270D							65 U	66 U	63 U			
4-Nitroaniline	EPA 8270D							330 U	330 U	320 U			
4,6-Dinitro-2-Methylphenol	EPA 8270D							650 U	660 U	630 U			
N-Nitrosodiphenylamine	EPA 8270D							65 U	66 U	63 U			
4-Bromophenyl-phenylether	EPA 8270D							65 U	66 U	63 U			
Hexachlorobenzene	EPA 8270D							65 U	66 U	63 U			
Pentachlorophenol	EPA 8270D							330 U	330 U	320 U			
Phenanthrene	EPA 8270D							65 U	66 U	63 U			
Carbazole	EPA 8270D							65 U	66 U	63 U			
Anthracene	EPA 8270D							65 U	66 U	63 U			
Di-n-Butylphthalate	EPA 8270D							65 U	66 U	63 U			
Fluoranthene	EPA 8270D							65 U	66 U	63 U			
Pyrene	EPA 8270D							65 U	66 U	63 U			
Butylbenzylphthalate	EPA 8270D							65 U	66 U	63 U			
3,3'-Dichlorobenzidine	EPA 8270D							330 U	330 U	320 U			
Benzo(a)anthracene	EPA 8270D							65 U	66 U	63 U			
bis(2-Ethylhexyl)phthalate	EPA 8270D							65 U	66 U	63 U			
Chrysene	EPA 8270D							65 U	66 U	63 U			
Di-n-octylphthalate	EPA 8270D							65 U	66 U	63 U			
Benzo(b)fluoranthene	EPA 8270D							65 U	66 U	63 U			
Benzo(k)fluoranthene	EPA 8270D							65 U	66 U	63 U			
Benzo(a)pyrene	EPA 8270D							65 U	66 U	63 U			
Indeno(1,2,3-cd)pyrene	EPA 8270D							65 U	66 U	63 U			
Dibenz(a,h)anthracene	EPA 8270D							65 U	66 U	63 U			
Benzo(g,h,i)perylene	EPA 8270D							65 U	66 U	63 U			
1-Methylnaphthalene	EPA 8270D							65 U	66 U	63 U			
Naphthalene	EPA 8270DSIM							5 U	5 U	9.4			
2-Methylnaphthalene	EPA 8270DSIM							5 U	7.4	15			
1-Methylnaphthalene	EPA 8270DSIM							5 U	7.4	14			
Acenaphthylene	EPA 8270DSIM							5 U	5 U	5 U			
Acenaphthene	EPA 8270DSIM							5 U	5 U	7.4			
Fluorene	EPA 8270DSIM							5 U	5.4	9.9			
Phenanthrene	EPA 8270DSIM							6.5	24	40			
Anthracene	EPA 8270DSIM							5 U	5 U	7.4			
Fluoranthene	EPA 8270DSIM							5 U	21	31			
Pyrene	EPA 8270DSIM							5 U	18	26			

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-051 4 - 5 2-40-DP-51-04-S-0 6/3/2008	2-40-DP-051 9 - 10 2-40-DP-51-09-S-0 6/3/2008	2-40-DP-052 0 - 1 2-40-DP-52-01-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 7/2/2008	2-40-DP-052 4 - 5 2-40-DP-52-04-S-0 Reanalysis 7/2/2008	2-40-DP-052 9 - 10 2-40-DP-52-09-S-0 7/2/2008	2-40-DP-053 0 - 1 2-40-DP-53-01-S-0 6/9/2008	2-40-DP-053 4 - 5 2-40-DP-53-04-S-0 6/9/2008	2-40-DP-053 9 - 10 2-40-DP-53-09-S-0 6/9/2008	2-40-DP-054 0 - 1 2-40-DP-54-01-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 6/6/2008	2-40-DP-054 4 - 5 2-40-DP-54-04-S-0 Reanalysis 6/6/2008
Benzo(a)anthracene	EPA 8270DSIM							5 U	6.4	8.4			
Chrysene	EPA 8270DSIM							5 U	8.4	11			
Benzo(b)fluoranthene	EPA 8270DSIM							5 U	7.4	5.9			
Benzo(k)fluoranthene	EPA 8270DSIM							5 U	5 U	5			
Benzo(a)pyrene	EPA 8270DSIM							5 U	5 U	5 U			
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM							5 U	5 U	5 U			
Dibenz(a,h)anthracene	EPA 8270DSIM							5 U	5 U	5 U			
Benzo(g,h,i)perylene	EPA 8270DSIM							5 U	5.9	5			
Dibenzofuran	EPA 8270DSIM							5 U	5 U	9.9			
PCBs (µg/kg)													
Aroclor 1016	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Aroclor 1242	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Aroclor 1248	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Aroclor 1254	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Aroclor 1260	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Aroclor 1221	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Aroclor 1232	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Aroclor 1262	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Aroclor 1268	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Total PCB	EPA 8082	33 U	32 U	32 U	31 U		32 U						
Inorganics (mg/kg)													
Aluminum	EPA 6010B	11700	10300	11700	17000		19100	10000	19000	10200	9460	8590	
Antimony	EPA 6010B	5 UJ	5 UJ	5 UJ	6 UJ		7 UJ	5 UJ	7 UJ	5 UJ	5 UJ	7 UJ	
Arsenic	EPA 6010B	5 U	5 U	5 U	7		7	5 U	7 U	5 U	5	7 U	
Barium	EPA 6010B	42.5	36	39.8	67.6		74.2	39.5 J	79 J	32.4 J	33	37.4	
Beryllium	EPA 6010B	0.1	0.1	0.1	0.3		0.3	0.1	0.3	0.1	0.1	0.2	
Cadmium	EPA 6010B	0.2 U	0.2 U	0.2 U	0.3 U		0.3 U	0.2 UJ	0.3 UJ	0.2 UJ	0.2 U	0.3 U	
Calcium	EPA 6010B	4370	4330	4560	5860		6010	4700	6080	4410	5950	2730	
Chromium	EPA 6010B	15.6	13.4	13.6	21.1		23.1	12.7	21.7	12.3	13.1	10.9	
Cobalt	EPA 6010B	5.4	4.7	5.5	8.2		8.7	7.3	8.1	4.7	5.1	4.2	
Copper	EPA 6010B	16	15.4	14.6	28.2		30.5	12.9	29.2	10.9	12.7	15.5	
Iron	EPA 6010B	15000	14000	15400	21300		22500	13800	21800	13000	13500	11700	
Lead	EPA 6010B	5	4	5	5		6	7	7	2	6	4	
Magnesium	EPA 6010B	3200	2930	3170	4300		5110	2910	5300	2740	2730	2600	
Manganese	EPA 6010B	164	143	164	164		267	159	257	131	139	130	
Mercury	EPA 7471A	0.04 U	0.05 U	0.04	0.07		0.08	0.04 UJ	0.13 J	0.05 UJ	0.05 U	0.08	
Molybdenum	EPA 6010B	0.9	0.6	1	1.5		1.5	0.5 U	0.7 U	0.5 U	0.5 U	0.7 U	
Nickel	EPA 6010B	11	10	12	16		19	10	16	8	9	8	
Selenium	EPA 6010B	5 U	5 U	5 U	6 U		7 U	5 U	7 U	5 U	5 U	7 U	
Silver	EPA 6010B	0.3 U	0.3 U	0.3 U	0.4 U		0.4 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	
Thallium	EPA 7841	0.1	0.1	0.1	0.1		0.1 U	0.1	0.2	0.1 U	0.1 U	0.1 U	
Tin	EPA 6010B	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	
Vanadium	EPA 6010B	46	41.7	48	67.1		64.8	42.7	63.3	40	41.8	32.6	
Zinc	EPA 6010B	36	29	36	42		46	34	51	28	36	26	
Cyanide	EPA 335.2	0.055 U	0.055 U	0.078	0.203		0.063 U	0.052 U	0.063 U	0.052 U	0.052 U	0.062 U	
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3	90.3	89.3	91.6	79.6		73.5	94.7	78.3	95	93.2	74.2	
Total Organic Carbon (%)	Plumb 1981												
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx	6.3 U	26 J	6.3 U	12 J		10 U						
TPH - Diesel Range	NWTPH-Dx-Cleaned	5.5 U	5.6 U	5.6 U	6.5 J		7.2 U						
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	12	11 U	11 U	11 U		14 U						

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-054 9 - 10 2-40-DP-54-09-S-0 6/6/2008	2-40-DP-055 0 - 1 2-40-DP-55-01-S-0 7/7/2008	2-40-DP-055 4 - 5 2-40-DP-55-04-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 Reanalysis 7/7/2008	2-40-DP-056 0 - 1 2-40-DP-56-01-S-0 6/4/2008	2-40-DP-056 4 - 5 2-40-DP-56-04-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 Reanalysis 6/4/2008	2-40-DP-057 0 - 1 2-40-DP-57-01-S-0 6/5/2008	2-40-DP-057 4 - 5 2-40-DP-57-04-S-0 6/5/2008	2-40-DP-057 9 - 10 2-40-DP-57-09-S-0 6/5/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Bromomethane	EPA 8260B	1.5 UJ	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 UJ	80 UJ	1 U	1 U	1.5 U
Vinyl Chloride	EPA 8260B	1.5 UJ	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 UJ	80 UJ	1 UJ	1 UJ	1.5 UJ
Chloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Methylene Chloride	EPA 8260B	3 U	1.9 U	2.4 U	3.5 U	3.9 U	4.4 U	3.2 U	2.1 U	160 U	2.1 U	4.4 U	3 U
Acetone	EPA 8260B	80	27	19	120	99	85 U	70	54 U	400 U	17	37	39
Carbon Disulfide	EPA 8260B	12	1 U	1.2 U	32	2.5	1.8 U	1.3 U	1 U	80 U	2.4	1 U	1.5 U
1,1-Dichloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,1-Dichloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
trans-1,2-Dichloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
cis-1,2-Dichloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1.8	80 U	1 U	1 U	1.5 U
Chloroform	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,2-Dichloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
2-Butanone	EPA 8260B	13	4.7 U	6 U	11	20	9.1 U	6.4 U	6.1	400 U	4.9 U	4.8 U	7.6 U
1,1,1-Trichloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Carbon Tetrachloride	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Vinyl Acetate	EPA 8260B	7.5 U	4.7 U	6 U	8.8 U	8.2 U	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
Bromodichloromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,2-Dichloropropane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
cis-1,3-Dichloropropene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Trichloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	71	88	230 E	1200	2.7	12	4.2
Dibromochloromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,1,2-Trichloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Benzene	EPA 8260B	1.7	1.4	1.2 U	2.8	1.6 U	1.8 U	1.3 U	1.6	80 U	1 U	1 U	1.5 U
trans-1,3-Dichloropropene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
2-Chloroethylvinylether	EPA 8260B	7.5 U	4.7 U	6 U	8.8 U	8.2 U	9.1 UR	6.4 UR	5.3 U	400 U	4.9 U	4.8 U	7.6 U
Bromoform	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Methyl isobutyl ketone	EPA 8260B	7.5 U	4.7 U	6 U	8.8 U	8.2 U	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
2-Hexanone	EPA 8260B	7.5 U	4.7 U	6 U	8.8 U	8.2 U	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
Tetrachloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Toluene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Chlorobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Ethylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Styrene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Trichlorofluoromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	3 U	1.9 U	2.4 U	3.5 U	3.3 U	3.6 U	2.5 U	2.1 U	160 U	2 U	1.9 U	3 U
m,p-Xylene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
o-Xylene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,2-Dichlorobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,3-Dichlorobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,4-Dichlorobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Acrolein	EPA 8260B	75 U	47 U	60 U	88 U	82 U	91 U	64 U	53 U	4000 U	49 U	48 U	76 U
Methyl Iodide	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 UJ	80 UJ	1 U	1 U	1.5 U
Bromoethane	EPA 8260B	3 U	1.9 U	2.4 U	3.5 U	3.3 U	3.6 U	2.5 U	2.1 U	160 U	2 U	1.9 U	3 U
Acrylonitrile	EPA 8260B	7.5 U	4.7 U	6 U	8.8 U	8.2 U	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
1,1-Dichloropropene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Dibromomethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,2-Dibromo-3-chloropropane	EPA 8260B	7.5 U	4.7 U	6 U	8.8 UJ	8.2 UJ	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
1,2,3-Trichloropropane	EPA 8260B	3 U	1.9 U	2.4 U	3.5 UJ	3.3 UJ	3.6 U	2.5 U	2.1 U	160 U	2 U	1.9 U	3 U
trans-1,4-Dichloro-2-butene	EPA 8260B	7.5 U	4.7 U	6 U	8.8 UJ	8.2 UJ	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
1,3,5-Trimethylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,2,4-Trimethylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Hexachlorobutadiene	EPA 8260B	7.5 U	4.7 U	6 U	8.8 UJ	8.2 UJ	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
Ethylene Dibromide	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Bromochloromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
2,2-Dichloropropane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,3-Dichloropropane	EPA 8260B	1.5 U	1 U	1.2 U	1.8 U	1.6 U	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Isopropylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
n-Propylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
Bromobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
2-Chlorotoluene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
4-Chlorotoluene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
tert-Butylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
sec-Butylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
4-Isopropyltoluene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
n-Butylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.8 UJ	1.6 UJ	1.8 U	1.3 U	1 U	80 U	1 U	1 U	1.5 U
1,2,4-Trichlorobenzene	EPA 8260B	7.5 U	4.7 U	6 U	8.8 UJ	8.2 UJ	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
Naphthalene	EPA 8260B	7.5 U	4.7 U	6 U	8.8 UJ	8.2 UJ	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
1,2,3-Trichlorobenzene	EPA 8260B	7.5 U	4.7 U	6 U	8.8 UJ	8.2 UJ	9.1 U	6.4 U	5.3 U	400 U	4.9 U	4.8 U	7.6 U
SVOCs (µg/kg)													
Phenol	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
bis(2-Chloroethyl)ether	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-054 9 - 10 2-40-DP-54-09-S-0 6/6/2008	2-40-DP-055 0 - 1 2-40-DP-55-01-S-0 7/7/2008	2-40-DP-055 4 - 5 2-40-DP-55-04-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 Reanalysis 7/7/2008	2-40-DP-056 0 - 1 2-40-DP-56-01-S-0 6/4/2008	2-40-DP-056 4 - 5 2-40-DP-56-04-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 Reanalysis 6/4/2008	2-40-DP-057 0 - 1 2-40-DP-57-01-S-0 6/5/2008	2-40-DP-057 4 - 5 2-40-DP-57-04-S-0 6/5/2008	2-40-DP-057 9 - 10 2-40-DP-57-09-S-0 6/5/2008
2-Chlorophenol	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
1,3-Dichlorobenzene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
1,4-Dichlorobenzene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Benzyl Alcohol	EPA 8270D						330 U	330 U	320 U		330 UJ	310 UJ	330 UJ
1,2-Dichlorobenzene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
2-Methylphenol	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D						66 UJ	66 UJ	63 UJ		66 UJ	63 UJ	66 UJ
4-Methylphenol	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
N-Nitroso-Di-N-Propylamine	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
Hexachloroethane	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Nitrobenzene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Isophorone	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
2-Nitrophenol	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
2,4-Dimethylphenol	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Benzoic Acid	EPA 8270D						660 U	660 U	630 U		660 U	630 U	660 U
bis(2-Chloroethoxy)methane	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
2,4-Dichlorophenol	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
1,2,4-Trichlorobenzene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Naphthalene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
4-Chloroaniline	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
Hexachlorobutadiene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
4-Chloro-3-methylphenol	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
2-Methylnaphthalene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Hexachlorocyclopentadiene	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
2,4,6-Trichlorophenol	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
2,4,5-Trichlorophenol	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
2-Chloronaphthalene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
2-Nitroaniline	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
Dimethylphthalate	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Acenaphthylene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
3-Nitroaniline	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
Acenaphthene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
2,4-Dinitrophenol	EPA 8270D						660 U	660 U	630 U		660 UJ	630 UJ	660 UJ
4-Nitrophenol	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
Dibenzofuran	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
2,6-Dinitrotoluene	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
2,4-Dinitrotoluene	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
Diethylphthalate	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
4-Chlorophenyl-phenylether	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Fluorene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
4-Nitroaniline	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
4,6-Dinitro-2-Methylphenol	EPA 8270D						660 U	660 U	630 U		660 U	630 U	660 U
N-Nitrosodiphenylamine	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
4-Bromophenyl-phenylether	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Hexachlorobenzene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Pentachlorophenol	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
Phenanthrene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Carbazole	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Anthracene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Di-n-Butylphthalate	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Fluoranthene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Pyrene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Butylbenzylphthalate	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
3,3'-Dichlorobenzidine	EPA 8270D						330 U	330 U	320 U		330 U	310 U	330 U
Benzo(a)anthracene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
bis(2-Ethylhexyl)phthalate	EPA 8270D						66 U	66 U	64 U		66 U	63 U	66 U
Chrysene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Di-n-octylphthalate	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Benzo(b)fluoranthene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Benzo(k)fluoranthene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Benzo(a)pyrene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Indeno(1,2,3-cd)pyrene	EPA 8270D						66 UJ	66 UJ	63 UJ		66 U	63 U	66 U
Dibenz(a,h)anthracene	EPA 8270D						66 UJ	66 UJ	63 UJ		66 U	63 U	66 U
Benzo(g,h,i)perylene	EPA 8270D						66 UJ	66 UJ	63 UJ		66 U	63 U	66 U
1-Methylnaphthalene	EPA 8270D						66 U	66 U	63 U		66 U	63 U	66 U
Naphthalene	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
2-Methylnaphthalene	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
1-Methylnaphthalene	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
Acenaphthylene	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
Acenaphthene	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
Fluorene	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
Phenanthrene	EPA 8270DSIM						5.8	4.8 U	5 U		4.8 U	10	5 U
Anthracene	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
Fluoranthene	EPA 8270DSIM						12	4.8 U	5 U		4.8 U	11	5 U
Pyrene	EPA 8270DSIM						12	4.8 U	5 U		4.8 U	9.1	5 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-054 9 - 10 2-40-DP-54-09-S-0 6/6/2008	2-40-DP-055 0 - 1 2-40-DP-55-01-S-0 7/7/2008	2-40-DP-055 4 - 5 2-40-DP-55-04-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 7/7/2008	2-40-DP-055 9 - 10 2-40-DP-55-09-S-0 Reanalysis 7/7/2008	2-40-DP-056 0 - 1 2-40-DP-56-01-S-0 6/4/2008	2-40-DP-056 4 - 5 2-40-DP-56-04-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 6/4/2008	2-40-DP-056 9 - 10 2-40-DP-56-09-S-0 Reanalysis 6/4/2008	2-40-DP-057 0 - 1 2-40-DP-57-01-S-0 6/5/2008	2-40-DP-057 4 - 5 2-40-DP-57-04-S-0 6/5/2008	2-40-DP-057 9 - 10 2-40-DP-57-09-S-0 6/5/2008
Benzo(a)anthracene	EPA 8270DSIM						8.6	4.8 U	5 U		4.8 U	4.8 U	5 U
Chrysene	EPA 8270DSIM						11	4.8 U	5 U		4.8 U	6.2	5 U
Benzo(b)fluoranthene	EPA 8270DSIM						9.1	4.8 U	5 U		4.8 U	4.8	5 U
Benzo(k)fluoranthene	EPA 8270DSIM						9.6	4.8 U	5 U		4.8 U	4.8 U	5 U
Benzo(a)pyrene	EPA 8270DSIM						9.1	4.8 U	5 U		4.8 U	4.8 U	5 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM						5.8	4.8 U	5 U		4.8 U	4.8 U	5 U
Dibenz(a,h)anthracene	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
Benzo(g,h,i)perylene	EPA 8270DSIM						5.8	4.8 U	5 U		4.8 U	4.8 U	5 U
Dibenzofuran	EPA 8270DSIM						4.8 U	4.8 U	5 U		4.8 U	4.8 U	5 U
PCBs (µg/kg)													
Aroclor 1016	EPA 8082										32 U	33 U	33 U
Aroclor 1242	EPA 8082										32 U	33 U	33 U
Aroclor 1248	EPA 8082										32 U	33 U	33 U
Aroclor 1254	EPA 8082										32 U	33 U	33 U
Aroclor 1260	EPA 8082										32 U	33 U	33 U
Aroclor 1221	EPA 8082										32 U	33 U	33 U
Aroclor 1232	EPA 8082										32 U	33 U	33 U
Aroclor 1262	EPA 8082										32 U	33 U	33 U
Aroclor 1268	EPA 8082										32 U	33 U	33 U
Total PCB	EPA 8082										32 U	33 U	33 U
Inorganics (mg/kg)													
Aluminum	EPA 6010B	17000	14400	11900	24700		10800	10200	11100		12000	10200	13400
Antimony	EPA 6010B	7 UJ	5 UJ	5 UJ	8 UJ		5 UJ	5 UJ	6 UJ		5 UJ	5 UJ	6 UJ
Arsenic	EPA 6010B	8	5 U	5 U	8		5 U	5 U	6 U		5 U	5 U	6 U
Barium	EPA 6010B	65.7	47.7	39.2	85.1		39.6	37.8	41.2		40.8	36.2	42.5
Beryllium	EPA 6010B	0.3	0.2	0.1	0.4		0.1	0.1	0.1		0.2	0.1	0.2
Cadmium	EPA 6010B	0.3 U	0.2 U	0.2 U	0.3		0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	2
Calcium	EPA 6010B	5360	7500	4580	7380		4560	4290	4510		5760	4830	4630 J
Chromium	EPA 6010B	19.8	18.5	16.2	28.4		13.1	14.2	14.2		16.6	25.3	634
Cobalt	EPA 6010B	8.4	5.6	5	8.9		4.6	4.7	5		5.5	4.5	4.4
Copper	EPA 6010B	26.7	18.8	14.9	45.2		13.2	36.2	15.3		17.9	13.4	20.7
Iron	EPA 6010B	21100	15600	15900	27500		13900	14100	14900		15500	13700	14000
Lead	EPA 6010B	7	7	4	16		15	15	5		3	5	2
Magnesium	EPA 6010B	4790	3770	3310	6500		3000	2940	3030		4040	2990	2800
Manganese	EPA 6010B	232	172	149	348		136	150	140		193 J	140	117
Mercury	EPA 7471A	0.09	0.06	0.04 U	0.16		0.04 U	0.05 U	0.06 U		0.04 U	0.05	0.05 U
Molybdenum	EPA 6010B	0.9	0.7	0.7	1.2		0.5 U	0.5 U	0.6		0.6	0.6	2.1
Nickel	EPA 6010B	16	14	11	22		10	9	11		13	11	20
Selenium	EPA 6010B	7 U	5 U	5 U	8 U		5 U	5 U	6 U		5 U	5 U	6 U
Silver	EPA 6010B	0.4 U	0.3 U	0.3 U	0.5 U		0.3 U	0.3 U	0.3 U		0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.1 U	0.1 U	0.1 U	0.2 U		0.1 U	0.1 U	0.1 U		0.1	0.1	0.1
Tin	EPA 6010B	1 U	1 U	1 U	2 U		1 U	1 U	1 U		1 UJ	1 U	1 UJ
Vanadium	EPA 6010B	54.8	48.3	48.9	76.6		41.2	41.7	45		41.9	39.2	50
Zinc	EPA 6010B	46	49	31	66		35	33	34		32	32	29
Cyanide	EPA 335.2	0.071 U	0.137	0.099	0.081		0.053 U	0.055 U	0.055 U		0.051 U	0.051 U	0.593
Chromium(VI)	SM3500CrD						0.431 UJ	0.446 UJ	0.451 UJ				
Total Solids (%)	EPA 160.3	70.1	92.2	83	62		92.8	88.6	88.3		96	94.6	70.4
Total Organic Carbon (%)	Plumb 1981												
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx												
TPH - Diesel Range	NWTPH-Dx-Cleaned												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned												

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-058 0 - 1 2-40-DP-58-01-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 Reextract 6/10/2008	2-40-DP-058 9 - 10 2-40-DP-58-09-S-0 6/10/2008	2-40-DP-059 0 - 1 2-40-DP-59-01-S-0 6/18/2008	2-40-DP-059 4 - 5 2-40-DP-59-04-S-0 6/18/2008	2-40-DP-059 9 - 10 2-40-DP-59-09-S-0 6/18/2008	2-40-DP-060 0 - 1 2-40-DP-60-01-S-0 6/17/2008	2-40-DP-060 4 - 5 2-40-DP-60-04-S-0 6/17/2008	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 6/17/2008	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 Reanalysis 6/17/2008	2-40-DP-061 0 - 1 2-40-DP-61-01-S-0 6/11/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Bromomethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 UJ	0.9 U
Vinyl Chloride	EPA 8260B	1.1 UJ	1.2 UJ		1.6 UJ	0.9 U	1 U	1.4 U	1 UJ	1.2 UJ	1.6 UJ	1.4 UJ	0.9 UJ
Chloroethane	EPA 8260B	1.1 UJ	1.2 UJ		1.6 UJ	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 UJ
Methylene Chloride	EPA 8260B	2.2 U	4.6 U		3.2 U	1.7 U	2 U	2.7 U	3.9 U	2.4 U	3.2 U	2.9 U	1.8 U
Acetone	EPA 8260B	84	28 U		93	54	29	94	30 U	17 U	87	73	140
Carbon Disulfide	EPA 8260B	2.2	1.2 U		1.7	0.9 U	1 U	1.8	1.2 U	1.2 U	5.8 U	5.8 U	0.9 U
1,1-Dichloroethene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,1-Dichloroethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
trans-1,2-Dichloroethene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
cis-1,2-Dichloroethene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	18	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Chloroform	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,2-Dichloroethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
2-Butanone	EPA 8260B	5.7	5.9 U		15	6	5 U	17	5.1 U	6.1 U	13	9.5	6.7
1,1,1-Trichloroethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Carbon Tetrachloride	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Vinyl Acetate	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 U	7.2 U	4.6 U
Bromodichloromethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,2-Dichloropropane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
cis-1,3-Dichloropropene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Trichloroethene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Dibromochloromethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,1,2-Trichloroethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Benzene	EPA 8260B	1.1 U	1.2 U		6.7	1.1	1 U	10	1 U	1.2 U	2.6	1.7	0.9 U
trans-1,3-Dichloropropene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
2-Chloroethylvinylether	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 U	7.2 UJ	4.6 U
Bromoform	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
Methyl isobutyl ketone	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 U	7.2 U	4.6 U
2-Hexanone	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 U	7.2 U	4.6 U
Tetrachloroethene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
Toluene	EPA 8260B	1.1 U	1.2 U		1.6 U	1	1 U	2.8	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Chlorobenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Ethylbenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Styrene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Trichlorofluoromethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.2 U	2.4 U		3.2 U	1.7 U	2 U	2.7 U	2 U	2.4 U	3.2 U	2.9 U	1.8 U
m,p-Xylene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
o-Xylene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,2-Dichlorobenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
1,3-Dichlorobenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
1,4-Dichlorobenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
Acrolein	EPA 8260B	55 U	59 U		79 U	44 U	50 U	67 U	51 U	61 U	80 U	72 U	46 U
Methyl Iodide	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 UJ	0.9 U
Bromoethane	EPA 8260B	2.2 U	2.4 U		3.2 U	1.7 U	2 U	2.7 U	2 U	2.4 U	3.2 U	2.9 U	1.8 U
Acrylonitrile	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 U	7.2 U	4.6 U
1,1-Dichloropropene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Dibromomethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 UJ	7.2 UJ	4.6 U
1,2,3-Trichloropropane	EPA 8260B	2.2 U	2.4 U		3.2 U	1.7 U	2 U	2.7 U	2 U	2.4 U	3.2 UJ	2.9 UJ	1.8 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 UJ	7.2 UJ	4.6 U
1,3,5-Trimethylbenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
1,2,4-Trimethylbenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
Hexachlorobutadiene	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 UJ	7.2 UJ	4.6 U
Ethylene Dibromide	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Bromochloromethane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
2,2-Dichloropropane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
1,3-Dichloropropane	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 U	1.4 U	0.9 U
Isopropylbenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
n-Propylbenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
Bromobenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
2-Chlorotoluene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
4-Chlorotoluene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
tert-Butylbenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
sec-Butylbenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
4-Isopropyltoluene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
n-Butylbenzene	EPA 8260B	1.1 U	1.2 U		1.6 U	0.9 U	1 U	1.4 U	1 U	1.2 U	1.6 UJ	1.4 UJ	0.9 U
1,2,4-Trichlorobenzene	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 UJ	7.2 UJ	4.6 U
Naphthalene	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 UJ	7.2 UJ	4.6 U
1,2,3-Trichlorobenzene	EPA 8260B	5.5 U	5.9 U		7.9 U	4.4 U	5 U	6.7 U	5.1 U	6.1 U	8 UJ	7.2 UJ	4.6 U
SVOCs (µg/kg)													
Phenol	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
bis(2-Chloroethyl)ether	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-058 0 - 1 2-40-DP-58-01-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 Reextract 6/10/2008	2-40-DP-058 9 - 10 2-40-DP-58-09-S-0 6/10/2008	2-40-DP-059 0 - 1 2-40-DP-59-01-S-0 6/18/2008	2-40-DP-059 4 - 5 2-40-DP-59-04-S-0 6/18/2008	2-40-DP-059 9 - 10 2-40-DP-59-09-S-0 6/18/2008	2-40-DP-060 0 - 1 2-40-DP-60-01-S-0 6/17/2008	2-40-DP-060 4 - 5 2-40-DP-60-04-S-0 6/17/2008	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 6/17/2008	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 Reanalysis 6/17/2008	2-40-DP-061 0 - 1 2-40-DP-61-01-S-0 6/11/2008
2-Chlorophenol	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
1,3-Dichlorobenzene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
1,4-Dichlorobenzene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Benzyl Alcohol	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
1,2-Dichlorobenzene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
2-Methylphenol	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
4-Methylphenol	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
Hexachloroethane	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Nitrobenzene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Isophorone	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
2-Nitrophenol	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
2,4-Dimethylphenol	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Benzoic Acid	EPA 8270D	670 U	640 UJ	490 UJ	650 U	650 U	640 U	640 U	630 U	640 U	640 U		640 U
bis(2-Chloroethoxy)methane	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
2,4-Dichlorophenol	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
1,2,4-Trichlorobenzene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Naphthalene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
4-Chloroaniline	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
Hexachlorobutadiene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
4-Chloro-3-methylphenol	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
2-Methylnaphthalene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Hexachlorocyclopentadiene	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
2,4,6-Trichlorophenol	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
2,4,5-Trichlorophenol	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
2-Chloronaphthalene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
2-Nitroaniline	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
Dimethylphthalate	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Acenaphthylene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
3-Nitroaniline	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
Acenaphthene	EPA 8270D	67 U	64 UJ	49 UJ	78	65 U	64 U	64 U	63 U	64 U	64 U		64 U
2,4-Dinitrophenol	EPA 8270D	670 UR	640 UR	490 UJ	650 UR	650 UJ	640 UJ	640 UJ	630 UJ	640 UJ	640 UJ		640 U
4-Nitrophenol	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
Dibenzofuran	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
2,6-Dinitrotoluene	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
2,4-Dinitrotoluene	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
Diethylphthalate	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
4-Chlorophenyl-phenylether	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Fluorene	EPA 8270D	67 U	64 UJ	49 UJ	68	65 U	64 U	64 U	63 U	64 U	64 U		64 U
4-Nitroaniline	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	670 U	640 UJ	490 UJ	650 U	650 U	640 U	640 U	630 U	640 U	640 U		640 U
N-Nitrosodiphenylamine	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
4-Bromophenyl-phenylether	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Hexachlorobenzene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Pentachlorophenol	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
Phenanthrene	EPA 8270D	67 U	64 UJ	49 UJ	220	220	64 U	64 U	63 U	64 U	64 U		64 U
Carbazole	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Anthracene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Di-n-Butylphthalate	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Fluoranthene	EPA 8270D	67 U	64 UJ	49 UJ	180	250	64 U	77	63 U	64 U	64 U		64 U
Pyrene	EPA 8270D	67 U	64 UJ	49 UJ	190	250	64 U	80	63 U	64 U	64 U		64 U
Butylbenzylphthalate	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
3,3'-Dichlorobenzidine	EPA 8270D	330 U	320 UJ	250 UJ	330 U	330 U	320 U	320 U	320 U	320 U	320 U		320 U
Benzo(a)anthracene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	95	64 U	64 U	63 U	64 U	64 U		64 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	67 U	64 UJ	49 UJ	65 U	300	64 U	64 U	63 U	64 U	64 U		64 U
Chrysene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	170	64 U	64 U	63 U	64 U	64 U		64 U
Di-n-octylphthalate	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Benzo(b)fluoranthene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	140	64 U	64 U	63 U	64 U	64 U		64 U
Benzo(k)fluoranthene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	150	64 U	64 U	63 U	64 U	64 U		64 U
Benzo(a)pyrene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	110	64 U	64 U	63 U	64 U	64 U		64 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Dibenz(a,h)anthracene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Benzo(g,h,i)perylene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
1-Methylnaphthalene	EPA 8270D	67 U	64 UJ	49 UJ	65 U	65 U	64 U	64 U	63 U	64 U	64 U		64 U
Naphthalene	EPA 8270DSIM	4.8 U	5 U		31	28	4.9 U	9.4	4.8 U	4.8 U	6.3 J		4.9 U
2-Methylnaphthalene	EPA 8270DSIM	4.8 U	5 U		22	12	4.9 U	9.4	4.8 U	4.8 U	7.3 J		4.9 U
1-Methylnaphthalene	EPA 8270DSIM	4.8 U	5 U		21	8.6	4.9 U	8.4	4.8 U	4.8 U	11 J		4.9 U
Acenaphthylene	EPA 8270DSIM	4.8 U	5 U		5 U	24	4.9 U	5 U	4.8 U	4.8 U	4.8 UJ		4.9 U
Acenaphthene	EPA 8270DSIM	4.8 U	5 U		100	4.8 U	4.9 U	9.9	4.8 U	4.8 U	36 J		4.9 U
Fluorene	EPA 8270DSIM	4.8 U	5 U		120	8.6	4.9 U	13	4.8 U	4.8 U	28 J		4.9 U
Phenanthrene	EPA 8270DSIM	4.8 U	5 U		360	180	6.4	40	4.8 U	4.8 U	63 J		4.9 U
Anthracene	EPA 8270DSIM	4.8 U	5 U		50	24	4.9 U	8.4	4.8 U	4.8 U	5.3 J		4.9 U
Fluoranthene	EPA 8270DSIM	4.8 U	5 U		330	290	4.9 U	72	4.8 U	4.8 U	35 J		4.9 U
Pyrene	EPA 8270DSIM	4.8 U	5 U		220	300	5.9	48	4.8 U	4.8 U	26 J		4.9 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-058 0 - 1 2-40-DP-58-01-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 6/10/2008	2-40-DP-058 4 - 5 2-40-DP-58-04-S-0 Reextract 6/10/2008	2-40-DP-058 9 - 10 2-40-DP-58-09-S-0 6/10/2008	2-40-DP-059 0 - 1 2-40-DP-59-01-S-0 6/18/2008	2-40-DP-059 4 - 5 2-40-DP-59-04-S-0 6/18/2008	2-40-DP-059 9 - 10 2-40-DP-59-09-S-0 6/18/2008	2-40-DP-060 0 - 1 2-40-DP-60-01-S-0 6/17/2008	2-40-DP-060 4 - 5 2-40-DP-60-04-S-0 6/17/2008	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 6/17/2008	2-40-DP-060 9 - 10 2-40-DP-60-09-S-0 Reanalysis 6/17/2008	2-40-DP-061 0 - 1 2-40-DP-61-01-S-0 6/11/2008
Benzo(a)anthracene	EPA 8270DSIM	4.8 U	5 U		51	120	4.9 U	16	4.8 U	4.8 U	6.8 J		4.9 U
Chrysene	EPA 8270DSIM	4.8 U	5 U		56	180	4.9 U	23	4.8 U	4.8 U	9.2 J		4.9 U
Benzo(b)fluoranthene	EPA 8270DSIM	4.8 U	5 U		29	150	4.9 U	16	4.8 U	4.8 U	4.8 UJ		4.9 U
Benzo(k)fluoranthene	EPA 8270DSIM	4.8 U	5 U		29	130	4.9 U	12	4.8 U	4.8 U	4.8 UJ		4.9 U
Benzo(a)pyrene	EPA 8270DSIM	4.8 U	5 U		20	130	4.9 U	5 U	4.8 U	4.8 U	4.8 UJ		4.9 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	4.8 U	5 U		10	120	4.9 U	9.9	4.8 U	4.8 U	4.8 UJ		4.9 U
Dibenz(a,h)anthracene	EPA 8270DSIM	4.8 U	5 U		5 U	38	4.9 U	5 U	4.8 U	4.8 U	4.8 UJ		4.9 U
Benzo(g,h,i)perylene	EPA 8270DSIM	4.8 U	5 U		14	160	4.9 U	15	4.8 U	4.8 U	6.3 J		4.9 U
Dibenzofuran	EPA 8270DSIM	4.8 U	5 U		62	7.2	4.9 U	6.4	4.8 U	4.8 U	9.2 J		4.9 U
PCBs (µg/kg)													
Aroclor 1016	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Aroclor 1242	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Aroclor 1248	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Aroclor 1254	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Aroclor 1260	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Aroclor 1221	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Aroclor 1232	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Aroclor 1262	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Aroclor 1268	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Total PCB	EPA 8082	33 U	33 U		33 U	32 U	33 U	32 U	33 U	33 U	33 U		33 U
Inorganics (mg/kg)													
Aluminum	EPA 6010B	15300	7440		17700	13000	8060	17500	9030	10200	16300		9390
Antimony	EPA 6010B	5 UJ	5 UJ		7 UJ	5 UJ	5 UJ	7 UJ	5 UJ	5 UJ	6 UJ		5 UJ
Arsenic	EPA 6010B	5 U	5 U		7 U	5	5 U	9	5 U	5 U	6 U		5 U
Barium	EPA 6010B	85.9	22		63.1	50.3	29.8	76.5	28.5	34.9	62.3		32.2
Beryllium	EPA 6010B	0.2	0.1 U		0.2	0.1	0.1 U	0.3	0.1 U	0.1	0.2		0.1
Cadmium	EPA 6010B	0.2 U	0.2 U		0.3 U	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U		0.2 U
Calcium	EPA 6010B	3210	3720		5660	5250	3940	5060	4320	4530	5760		3700 J
Chromium	EPA 6010B	28.1	10.1		20.1	17.7	12	20.6	11.5	12.7	18.2		12.7
Cobalt	EPA 6010B	6.6	4		7	6.9	4.4	7.8	4.9	4.9	6.5		5.1
Copper	EPA 6010B	10.8	8.4		24.8	17.3	9.1	30.8	9.8	11.7	20.2		12.8
Iron	EPA 6010B	15200	11000		20500	17200	12900	22700	13500	13600	19000		14600
Lead	EPA 6010B	3	2 U		7	17	2 U	9	2	2	5		4
Magnesium	EPA 6010B	5970	2280		4790	4660	2450	4910	2760	3000	4490		2860
Manganese	EPA 6010B	307	107		235	246	132	269	133	145	198		147
Mercury	EPA 7471A	0.04 U	0.04 U		0.09	0.04 U	0.04 U	0.15	0.04 U	0.05 U	0.07		0.04 U
Molybdenum	EPA 6010B	0.5 U	0.5 U		0.7 U	0.5 U	0.5 U	0.7 U	0.5 U	0.5 U	0.6 U		0.5 U
Nickel	EPA 6010B	38	6		15	19	8	16	9	11	14		9
Selenium	EPA 6010B	5 U	5 U		7 U	5 U	5 U	7 U	5 U	5 U	6 U		5 U
Silver	EPA 6010B	0.3 U	0.3 U		0.4 U	0.3 U	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U		0.3 U
Thallium	EPA 7841	0.1 U	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1	0.1 U		0.1 U
Tin	EPA 6010B	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
Vanadium	EPA 6010B	38.1	37.1		55.7	52.3	39.7	55.9	40	40.5	49.6		45.7
Zinc	EPA 6010B	34	23		47	45	25	52	29	29	43		30
Cyanide	EPA 335.2	0.051 U	0.05 U		0.056 U				0.049 U	0.051 U	0.069 U		0.051 U
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3	93.4	96.8		86				98.1	95.7	71.2		93.9
Total Organic Carbon (%)	Plumb 1981												
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx												
TPH - Diesel Range	NWTPH-Dx-Cleaned												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned												

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-061 4 - 5 2-40-DP-61-04-S-0 6/11/2008	2-40-DP-061 9 - 10 2-40-DP-61-09-S-0 6/11/2008	2-40-DP-062 0 - 1 2-40-DP-62-01-S-0 6/17/2008	2-40-DP-062 4 - 5 2-40-DP-62-04-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 Reanalysis 6/17/2008	2-40-DP-063 0 - 1 2-40-DP-63-01-S-0 6/17/2008	2-40-DP-063 4 - 5 2-40-DP-63-04-S-0 6/17/2008	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 6/17/2008	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 Reanalysis 6/17/2008	2-40-DP-064 0 - 1 2-40-DP-64-01-S-0 6/5/2008	2-40-DP-064 4 - 5 2-40-DP-64-04-S-0 6/5/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Bromomethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 UJ	1.1 U	1.2 UJ	1 U	1.3 U	1.5 U	1.4 UJ	1 U	1.3 U
Vinyl Chloride	EPA 8260B	1.3 UJ	1.3 UJ	0.9 UJ	1.2 UJ	1.1 UJ	1.2 UJ	1 UJ	1.3 UJ	1.5 UJ	1.4 UJ	1 UJ	1.3 UJ
Chloroethane	EPA 8260B	1.3 UJ	1.3 UJ	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Methylene Chloride	EPA 8260B	2.6 U	2.6 U	1.8 U	2.5 U	2.2 U	2.5 U	2.1 U	2.6 U	3 U	2.9 U	2.1 U	2.7 U
Acetone	EPA 8260B	200	54	29 U	47	46	54	23 U	18 U	70	66	52	73
Carbon Disulfide	EPA 8260B	1.3 U	8.9	2 U	1.2 U	3.3 U	4.2 U	1 U	1.3 U	6.4 U	8.4 U	1 U	3
1,1-Dichloroethene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,1-Dichloroethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
trans-1,2-Dichloroethene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
cis-1,2-Dichloroethene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Chloroform	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,2-Dichloroethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
2-Butanone	EPA 8260B	9.1	7.4	4.5 U	6.2 U	5.7	6.8	5.2 U	6.5 U	10	12	6	8.9
1,1,1-Trichloroethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Carbon Tetrachloride	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Vinyl Acetate	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 UJ	5.6 U	6.2 U	5.2 U	6.5 U	7.4 U	7.2 U	5.2 U	6.7 U
Bromodichloromethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,2-Dichloropropane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
cis-1,3-Dichloropropene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Trichloroethene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Dibromochloromethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,1,2-Trichloroethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Benzene	EPA 8260B	1.3 U	1.4	0.9 U	1.2 U	1.4	1.7	1 U	1.3 U	5.9	5.9	1 U	1.6
trans-1,3-Dichloropropene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 UJ	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
2-Chloroethylvinylether	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 UJ	5.6 U	6.2 UJ	5.2 U	6.5 U	7.4 U	7.2 UJ	5.2 U	6.7 U
Bromoform	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
Methyl isobutyl ketone	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 U	5.6 U	6.2 U	5.2 U	6.5 U	7.4 U	7.2 U	5.2 U	6.7 U
2-Hexanone	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 U	5.6 U	6.2 U	5.2 U	6.5 U	7.4 U	7.2 U	5.2 U	6.7 U
Tetrachloroethene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
Toluene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Chlorobenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Ethylbenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Styrene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Trichlorofluoromethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.6 U	2.6 U	1.8 U	2.5 U	2.2 U	2.5 U	2.1 U	2.6 U	3 U	2.9 U	2.1 U	2.7 U
m,p-Xylene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
o-Xylene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,2-Dichlorobenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 UJ	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
1,3-Dichlorobenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
1,4-Dichlorobenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
Acrolein	EPA 8260B	65 U	65 U	45 U	62 U	56 U	62 U	52 U	65 U	74 U	72 U	52 U	67 U
Methyl Iodide	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 UJ	1.1 U	1.2 UJ	1 U	1.3 U	1.5 U	1.4 UJ	1 U	1.3 U
Bromoethane	EPA 8260B	2.6 U	2.6 U	1.8 U	2.5 U	2.2 U	2.5 U	2.1 U	2.6 U	3 U	2.9 U	2.1 U	2.7 U
Acrylonitrile	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 U	5.6 U	6.2 U	5.2 U	6.5 U	7.4 U	7.2 U	5.2 U	6.7 U
1,1-Dichloropropene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Dibromomethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
1,2-Dibromo-3-chloropropane	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 U	5.6 UJ	6.2 UJ	5.2 U	6.5 U	7.4 UJ	7.2 UJ	5.2 U	6.7 U
1,2,3-Trichloropropane	EPA 8260B	2.6 U	2.6 U	1.8 U	2.5 U	2.2 UJ	2.5 UJ	2.1 U	2.6 U	3 UJ	2.9 UJ	2.1 U	2.7 U
trans-1,4-Dichloro-2-butene	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 U	5.6 UJ	6.2 UJ	5.2 U	6.5 U	7.4 UJ	7.2 UJ	5.2 U	6.7 U
1,3,5-Trimethylbenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
1,2,4-Trimethylbenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
Hexachlorobutadiene	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 U	5.6 UJ	6.2 UJ	5.2 U	6.5 U	7.4 UJ	7.2 UJ	5.2 U	6.7 U
Ethylene Dibromide	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Bromochloromethane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
2,2-Dichloropropane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
1,3-Dichloropropane	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 U	1.2 U	1 U	1.3 U	1.5 U	1.4 U	1 U	1.3 U
Isopropylbenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
n-Propylbenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
Bromobenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
2-Chlorotoluene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
4-Chlorotoluene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
tert-Butylbenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
sec-Butylbenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
4-Isopropyltoluene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
n-Butylbenzene	EPA 8260B	1.3 U	1.3 U	0.9 U	1.2 U	1.1 UJ	1.2 UJ	1 U	1.3 U	1.5 UJ	1.4 UJ	1 U	1.3 U
1,2,4-Trichlorobenzene	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 UJ	5.6 UJ	6.2 UJ	5.2 U	6.5 U	7.4 UJ	7.2 UJ	5.2 U	6.7 U
Naphthalene	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 UJ	5.6 UJ	6.2 UJ	5.2 U	6.5 U	7.4 UJ	7.2 UJ	5.2 U	6.7 U
1,2,3-Trichlorobenzene	EPA 8260B	6.5 U	6.5 U	4.5 U	6.2 UJ	5.6 UJ	6.2 UJ	5.2 U	6.5 U	7.4 UJ	7.2 UJ	5.2 U	6.7 U
SVOCs (µg/kg)													
Phenol	EPA 8270D	64 U	65 U										
bis(2-Chloroethyl)ether	EPA 8270D	64 U	65 U										

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-061 4 - 5 2-40-DP-61-04-S-0 6/11/2008	2-40-DP-061 9 - 10 2-40-DP-61-09-S-0 6/11/2008	2-40-DP-062 0 - 1 2-40-DP-62-01-S-0 6/17/2008	2-40-DP-062 4 - 5 2-40-DP-62-04-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 Reanalysis 6/17/2008	2-40-DP-063 0 - 1 2-40-DP-63-01-S-0 6/17/2008	2-40-DP-063 4 - 5 2-40-DP-63-04-S-0 6/17/2008	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 6/17/2008	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 Reanalysis 6/17/2008	2-40-DP-064 0 - 1 2-40-DP-64-01-S-0 6/5/2008	2-40-DP-064 4 - 5 2-40-DP-64-04-S-0 6/5/2008
2-Chlorophenol	EPA 8270D	64 U	65 U										
1,3-Dichlorobenzene	EPA 8270D	64 U	65 U										
1,4-Dichlorobenzene	EPA 8270D	64 U	65 U										
Benzyl Alcohol	EPA 8270D	320 UR	330 U										
1,2-Dichlorobenzene	EPA 8270D	64 U	65 U										
2-Methylphenol	EPA 8270D	64 U	65 U										
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	64 U	65 U										
4-Methylphenol	EPA 8270D	64 U	65 U										
N-Nitroso-Di-N-Propylamine	EPA 8270D	320 U	330 U										
Hexachloroethane	EPA 8270D	64 U	65 U										
Nitrobenzene	EPA 8270D	64 U	65 U										
Isophorone	EPA 8270D	64 U	65 U										
2-Nitrophenol	EPA 8270D	320 U	330 U										
2,4-Dimethylphenol	EPA 8270D	64 U	65 U										
Benzoic Acid	EPA 8270D	640 U	650 U										
bis(2-Chloroethoxy)methane	EPA 8270D	64 U	65 U										
2,4-Dichlorophenol	EPA 8270D	320 U	330 U										
1,2,4-Trichlorobenzene	EPA 8270D	64 U	65 U										
Naphthalene	EPA 8270D	64 U	65 U										
4-Chloroaniline	EPA 8270D	320 UJ	330 U										
Hexachlorobutadiene	EPA 8270D	64 U	65 U										
4-Chloro-3-methylphenol	EPA 8270D	320 U	330 U										
2-Methylnaphthalene	EPA 8270D	64 U	65 U										
Hexachlorocyclopentadiene	EPA 8270D	320 U	330 U										
2,4,6-Trichlorophenol	EPA 8270D	320 U	330 U										
2,4,5-Trichlorophenol	EPA 8270D	320 U	330 U										
2-Chloronaphthalene	EPA 8270D	64 U	65 U										
2-Nitroaniline	EPA 8270D	320 U	330 U										
Dimethylphthalate	EPA 8270D	64 U	65 U										
Acenaphthylene	EPA 8270D	64 U	65 U										
3-Nitroaniline	EPA 8270D	320 U	330 U										
Acenaphthene	EPA 8270D	64 U	65 U										
2,4-Dinitrophenol	EPA 8270D	640 UR	650 U										
4-Nitrophenol	EPA 8270D	320 U	330 U										
Dibenzofuran	EPA 8270D	64 U	65 U										
2,6-Dinitrotoluene	EPA 8270D	320 U	330 U										
2,4-Dinitrotoluene	EPA 8270D	320 U	330 U										
Diethylphthalate	EPA 8270D	64 U	65 U										
4-Chlorophenyl-phenylether	EPA 8270D	64 U	65 U										
Fluorene	EPA 8270D	64 U	65 U										
4-Nitroaniline	EPA 8270D	320 U	330 U										
4,6-Dinitro-2-Methylphenol	EPA 8270D	640 U	650 U										
N-Nitrosodiphenylamine	EPA 8270D	64 U	65 U										
4-Bromophenyl-phenylether	EPA 8270D	64 U	65 U										
Hexachlorobenzene	EPA 8270D	64 U	65 U										
Pentachlorophenol	EPA 8270D	320 U	330 U										
Phenanthrene	EPA 8270D	64 U	650										
Carbazole	EPA 8270D	64 U	65 U										
Anthracene	EPA 8270D	64 U	130										
Di-n-Butylphthalate	EPA 8270D	64 U	65 U										
Fluoranthene	EPA 8270D	64 U	650										
Pyrene	EPA 8270D	64 U	430										
Butylbenzylphthalate	EPA 8270D	64 U	65 U										
3,3'-Dichlorobenzidine	EPA 8270D	320 UR	330 U										
Benzo(a)anthracene	EPA 8270D	64 U	92										
bis(2-Ethylhexyl)phthalate	EPA 8270D	64 U	65 U										
Chrysene	EPA 8270D	64 U	130										
Di-n-octylphthalate	EPA 8270D	64 U	65 U										
Benzo(b)fluoranthene	EPA 8270D	64 U	65 U										
Benzo(k)fluoranthene	EPA 8270D	64 U	94										
Benzo(a)pyrene	EPA 8270D	64 U	65 U										
Indeno(1,2,3-cd)pyrene	EPA 8270D	64 U	65 U										
Dibenz(a,h)anthracene	EPA 8270D	64 U	65 U										
Benzo(g,h,i)perylene	EPA 8270D	64 U	65 U										
1-Methylnaphthalene	EPA 8270D	64 U	65 U										
Naphthalene	EPA 8270DSIM	5 UJ	5 U										
2-Methylnaphthalene	EPA 8270DSIM	5 UJ	5 U										
1-Methylnaphthalene	EPA 8270DSIM	5 UJ	5 U										
Acenaphthylene	EPA 8270DSIM	5 UJ	5 U										
Acenaphthene	EPA 8270DSIM	5 UJ	5 U										
Fluorene	EPA 8270DSIM	5 UJ	5 U										
Phenanthrene	EPA 8270DSIM	5 UJ	26										
Anthracene	EPA 8270DSIM	5 UJ	5 U										
Fluoranthene	EPA 8270DSIM	5 UJ	18										
Pyrene	EPA 8270DSIM	5 UJ	12										

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-061 4 - 5 2-40-DP-61-04-S-0 6/11/2008	2-40-DP-061 9 - 10 2-40-DP-61-09-S-0 6/11/2008	2-40-DP-062 0 - 1 2-40-DP-62-01-S-0 6/17/2008	2-40-DP-062 4 - 5 2-40-DP-62-04-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 6/17/2008	2-40-DP-062 9 - 10 2-40-DP-62-09-S-0 Reanalysis 6/17/2008	2-40-DP-063 0 - 1 2-40-DP-63-01-S-0 6/17/2008	2-40-DP-063 4 - 5 2-40-DP-63-04-S-0 6/17/2008	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 6/17/2008	2-40-DP-063 9 - 10 2-40-DP-63-09-S-0 Reanalysis 6/17/2008	2-40-DP-064 0 - 1 2-40-DP-64-01-S-0 6/5/2008	2-40-DP-064 4 - 5 2-40-DP-64-04-S-0 6/5/2008
Benzo(a)anthracene	EPA 8270DSIM	5 UJ	5										
Chrysene	EPA 8270DSIM	5 UJ	8.5										
Benzo(b)fluoranthene	EPA 8270DSIM	5 UJ	5 U										
Benzo(k)fluoranthene	EPA 8270DSIM	5 UJ	5 U										
Benzo(a)pyrene	EPA 8270DSIM	5 UJ	5 U										
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	5 UJ	5 U										
Dibenz(a,h)anthracene	EPA 8270DSIM	5 UJ	5 U										
Benzo(g,h,i)perylene	EPA 8270DSIM	5 UJ	5 U										
Dibenzofuran	EPA 8270DSIM	5 UJ	5 U										
PCBs (µg/kg)													
Aroclor 1016	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Aroclor 1242	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Aroclor 1248	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Aroclor 1254	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Aroclor 1260	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Aroclor 1221	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Aroclor 1232	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Aroclor 1262	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Aroclor 1268	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Total PCB	EPA 8082	32 U	33 U	33 U	33 U	32 U		32 U	32 U	32 U			
Inorganics (mg/kg)													
Aluminum	EPA 6010B	10300	15900	9410	10700	26000		8090	9720	20600		10100	17000
Antimony	EPA 6010B	5 UJ	6 UJ	5 UJ	5 UJ	8 UJ		5 UJ	5 UJ	7 UJ		5 U	6 UJ
Arsenic	EPA 6010B	5 U	6 U	5 U	5 U	8		5 U	5 U	7 U		5 U	7
Barium	EPA 6010B	37.3	58.1	25.4	41	108		23.3	30.9	76.8		37	67
Beryllium	EPA 6010B	0.1	0.2	0.1	0.1	0.4		0.1 U	0.1	0.3		0.1	0.3
Cadmium	EPA 6010B	0.2 U	0.3 U	0.2 U	0.2 U	0.3 U		0.2 U	0.2 U	0.3 U		0.2 U	0.3 U
Calcium	EPA 6010B	4350	5000	4400	4400	6770		3830	4210	5790		4360	5590
Chromium	EPA 6010B	12.9	17.1	12.1	12.2	28.1		11.4	11.8	21.3		12.1	19.5
Cobalt	EPA 6010B	6.3	6.4	4.6	4.6	10.2		4.4	4.9	7		5.5	5.8
Copper	EPA 6010B	14.1	20.9	10	11.1	45.1		10.4	10.3	29.5		13	27.3
Iron	EPA 6010B	13800	18500	13100	13300	30200		12600	12700	21500		13600	18500
Lead	EPA 6010B	3	6	2	2	12		2	2 U	10		4	5
Magnesium	EPA 6010B	2880	4330	2770	2960	7220		2600	2940	5470		2890	4410
Manganese	EPA 6010B	156	222	125	127	348		119	126	222		135	167
Mercury	EPA 7471A	0.04 U	0.06 U	0.05 U	0.04 U	0.19		0.05 U	0.04 U	0.19		0.05 U	0.08
Molybdenum	EPA 6010B	0.6	0.6 U	0.5 U	0.5 U	0.8 U		0.5 U	0.5 U	0.7 U		0.5 U	0.6
Nickel	EPA 6010B	10	14	9	9	22		9	9	17		10	13
Selenium	EPA 6010B	5 U	6 U	5 U	5 U	8 U		5 U	5 U	7 U		5 U	6 U
Silver	EPA 6010B	0.3 U	0.4 U	0.3 U	0.3 U	0.5 U		0.3 U	0.3 U	0.4 U		0.3 U	0.4 U
Thallium	EPA 7841	0.2	0.1 U	0.1	0.2	0.3		0.1	0.1	0.3		0.1 U	0.1 U
Tin	EPA 6010B	1 U	1 U	1 U	1 U	2 U		1 U	1 U	1 U		1 U	1 U
Vanadium	EPA 6010B	44.4	50.8	39.4	38.6	76.7		39.5	37.1	51.3		41.3	56.1
Zinc	EPA 6010B	29	42	28	28	70		27	28	55		39	40
Cyanide	EPA 335.2	0.051 U	0.058 U	0.071	0.048 U	0.091		0.05 U	0.05 U	0.063 U		0.054 U	0.091
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3	92.2	82	97.4	96.6	65.9		97.5	96.2	72.4		92.3	71.9
Total Organic Carbon (%)	Plumb 1981												
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx												
TPH - Diesel Range	NWTPH-Dx-Cleaned												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned												

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-064 9 - 10 2-40-DP-64-09-S-0 6/5/2008	2-40-DP-065 0 - 1 2-40-DP-65-01-S-0 6/9/2008	2-40-DP-065 4 - 5 2-40-DP-65-04-S-0 6/9/2008	2-40-DP-065 9 - 10 2-40-DP-65-09-S-0 6/9/2008	2-40-DP-066 0 - 1 2-40-DP-66-01-S-0 6/13/2008	2-40-DP-066 4 - 5 2-40-DP-66-04-S-0 6/13/2008	2-40-DP-066 9 - 10 2-40-DP-66-09-S-0 6/13/2008	2-40-DP-067 0 - 1 2-40-DP-67-01-S-0 6/19/2008	2-40-DP-067 4 - 5 2-40-DP-67-04-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 Reanalysis 6/19/2008	2-40-DP-068 0 - 1 2-40-DP-68-01-S-0 6/19/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Bromomethane	EPA 8260B	1.5 U	1 UJ	1.2 UJ	1.4 UJ	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Vinyl Chloride	EPA 8260B	1.5 UJ	1 UJ	1.2 UJ	1.4 UJ	0.9 UJ	1 UJ	1.1 UJ	1 U	1.2 U	1.7 U	1.7 U	1 U
Chloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 UJ	1 UJ	1.1 UJ	1 U	1.2 U	1.7 U	1.7 U	1 U
Methylene Chloride	EPA 8260B	3 U	2.1 U	2.4 U	2.8 U	1.7 U	2 U	2.2 U	2.1 U	2.4 U	3.4 U	3.4 U	2 U
Acetone	EPA 8260B	62	26	10	93	25	9.5 U	30	82	40	190	130	71
Carbon Disulfide	EPA 8260B	10	1 U	1.2 U	7	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	2
1,1-Dichloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,1-Dichloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Chloroform	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,2-Dichloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
2-Butanone	EPA 8260B	9.2	5.2 U	6 U	18	4.3 U	5.1 U	5.4 U	8.5	6 U	30	21	8.4
1,1,1-Trichloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Carbon Tetrachloride	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Vinyl Acetate	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 U	8.6 U	5 UJ
Bromodichloromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,2-Dichloropropane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
cis-1,3-Dichloropropene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Trichloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Dibromochloromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,1,2-Trichloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Benzene	EPA 8260B	2.5	1 U	1.2 U	1.8	0.9 U	1 U	1.5	1 U	1.2 U	8.1	6	1 U
trans-1,3-Dichloropropene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
2-Chloroethylvinylether	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 U	8.6 U	5 U
Bromoform	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
Methyl isobutyl ketone	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 U	8.6 U	5 U
2-Hexanone	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 U	8.6 U	5 U
Tetrachloroethene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
Toluene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	2.6	2	1 U
Chlorobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Ethylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Styrene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Trichlorofluoromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	3 U	2.1 U	2.4 U	2.8 U	1.7 U	2 U	2.2 U	2.1 U	2.4 U	3.4 U	3.4 U	2 U
m,p-Xylene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
o-Xylene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,2-Dichlorobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
1,3-Dichlorobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
1,4-Dichlorobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
Acrolein	EPA 8260B	76 U	52 U	60 U	70 U	43 U	51 U	54 U	52 U	60 U	86 U	86 U	50 UJ
Methyl Iodide	EPA 8260B	1.5 U	1 UJ	1.2 UJ	1.4 UJ	0.9 UJ	1 UJ	1.1 UJ	1 UJ	1.2 UJ	1.7 UJ	1.7 UJ	1 UJ
Bromoethane	EPA 8260B	3 U	2.1 U	2.4 U	2.8 U	1.7 U	2 U	2.2 U	2.1 U	2.4 U	3.4 U	3.4 U	2 U
Acrylonitrile	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 U	8.6 U	5 U
1,1-Dichloropropene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Dibromomethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 UJ	8.6 U	5 U
1,2,3-Trichloropropane	EPA 8260B	3 U	2.1 U	2.4 U	2.8 U	1.7 U	2 U	2.2 U	2.1 U	2.4 U	3.4 UJ	3.4 U	2 U
trans-1,4-Dichloro-2-butene	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 UJ	8.6 U	5 U
1,3,5-Trimethylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
Hexachlorobutadiene	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 UJ	8.6 U	5 U
Ethylene Dibromide	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Bromochloromethane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
2,2-Dichloropropane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
1,3-Dichloropropane	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
Isopropylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 U	1.7 U	1 U
n-Propylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
Bromobenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
2-Chlorotoluene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
4-Chlorotoluene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
tert-Butylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
sec-Butylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
4-Isopropyltoluene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
n-Butylbenzene	EPA 8260B	1.5 U	1 U	1.2 U	1.4 U	0.9 U	1 U	1.1 U	1 U	1.2 U	1.7 UJ	1.7 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 UJ	8.6 U	5 UJ
Naphthalene	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 UJ	8.6 U	5 UJ
1,2,3-Trichlorobenzene	EPA 8260B	7.6 U	5.2 U	6 U	7 U	4.3 U	5.1 U	5.4 U	5.2 U	6 U	8.6 UJ	8.6 U	5 UJ
SVOCs (µg/kg)													
Phenol	EPA 8270D												58 U
bis(2-Chloroethyl)ether	EPA 8270D												58 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-064 9 - 10 2-40-DP-64-09-S-0 6/5/2008	2-40-DP-065 0 - 1 2-40-DP-65-01-S-0 6/9/2008	2-40-DP-065 4 - 5 2-40-DP-65-04-S-0 6/9/2008	2-40-DP-065 9 - 10 2-40-DP-65-09-S-0 6/9/2008	2-40-DP-066 0 - 1 2-40-DP-66-01-S-0 6/13/2008	2-40-DP-066 4 - 5 2-40-DP-66-04-S-0 6/13/2008	2-40-DP-066 9 - 10 2-40-DP-66-09-S-0 6/13/2008	2-40-DP-067 0 - 1 2-40-DP-67-01-S-0 6/19/2008	2-40-DP-067 4 - 5 2-40-DP-67-04-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 Reanalysis 6/19/2008	2-40-DP-068 0 - 1 2-40-DP-68-01-S-0 6/19/2008
2-Chlorophenol	EPA 8270D												58 U
1,3-Dichlorobenzene	EPA 8270D												58 U
1,4-Dichlorobenzene	EPA 8270D												58 U
Benzyl Alcohol	EPA 8270D												290 U
1,2-Dichlorobenzene	EPA 8270D												58 U
2-Methylphenol	EPA 8270D												58 U
2,2'-Oxybis(1-Chloropropane)	EPA 8270D												58 U
4-Methylphenol	EPA 8270D												58 U
N-Nitroso-Di-N-Propylamine	EPA 8270D												290 U
Hexachloroethane	EPA 8270D												58 U
Nitrobenzene	EPA 8270D												58 U
Isophorone	EPA 8270D												58 U
2-Nitrophenol	EPA 8270D												290 U
2,4-Dimethylphenol	EPA 8270D												58 U
Benzoic Acid	EPA 8270D												580 UJ
bis(2-Chloroethoxy)methane	EPA 8270D												58 U
2,4-Dichlorophenol	EPA 8270D												290 U
1,2,4-Trichlorobenzene	EPA 8270D												58 U
Naphthalene	EPA 8270D												58 U
4-Chloroaniline	EPA 8270D												290 U
Hexachlorobutadiene	EPA 8270D												58 U
4-Chloro-3-methylphenol	EPA 8270D												290 U
2-Methylnaphthalene	EPA 8270D												58 U
Hexachlorocyclopentadiene	EPA 8270D												290 U
2,4,6-Trichlorophenol	EPA 8270D												290 U
2,4,5-Trichlorophenol	EPA 8270D												290 U
2-Chloronaphthalene	EPA 8270D												58 U
2-Nitroaniline	EPA 8270D												290 U
Dimethylphthalate	EPA 8270D												58 U
Acenaphthylene	EPA 8270D												58 U
3-Nitroaniline	EPA 8270D												290 U
Acenaphthene	EPA 8270D												58 U
2,4-Dinitrophenol	EPA 8270D												580 UJ
4-Nitrophenol	EPA 8270D												290 U
Dibenzofuran	EPA 8270D												58 U
2,6-Dinitrotoluene	EPA 8270D												290 U
2,4-Dinitrotoluene	EPA 8270D												290 U
Diethylphthalate	EPA 8270D												58 U
4-Chlorophenyl-phenylether	EPA 8270D												58 U
Fluorene	EPA 8270D												58 U
4-Nitroaniline	EPA 8270D												290 U
4,6-Dinitro-2-Methylphenol	EPA 8270D												580 U
N-Nitrosodiphenylamine	EPA 8270D												58 U
4-Bromophenyl-phenylether	EPA 8270D												58 U
Hexachlorobenzene	EPA 8270D												58 U
Pentachlorophenol	EPA 8270D												290 U
Phenanthrene	EPA 8270D												58 U
Carbazole	EPA 8270D												58 U
Anthracene	EPA 8270D												58 U
Di-n-Butylphthalate	EPA 8270D												58 U
Fluoranthene	EPA 8270D												58 U
Pyrene	EPA 8270D												58 U
Butylbenzylphthalate	EPA 8270D												58 U
3,3'-Dichlorobenzidine	EPA 8270D												290 U
Benzo(a)anthracene	EPA 8270D												58 U
bis(2-Ethylhexyl)phthalate	EPA 8270D												58 U
Chrysene	EPA 8270D												58 U
Di-n-octylphthalate	EPA 8270D												58 U
Benzo(b)fluoranthene	EPA 8270D												58 U
Benzo(k)fluoranthene	EPA 8270D												58 U
Benzo(a)pyrene	EPA 8270D												58 U
Indeno(1,2,3-cd)pyrene	EPA 8270D												58 U
Dibenz(a,h)anthracene	EPA 8270D												58 U
Benzo(g,h,i)perylene	EPA 8270D												58 U
1-Methylnaphthalene	EPA 8270D												58 U
Naphthalene	EPA 8270DSIM												4.8 U
2-Methylnaphthalene	EPA 8270DSIM												4.8 U
1-Methylnaphthalene	EPA 8270DSIM												4.8 U
Acenaphthylene	EPA 8270DSIM												4.8 U
Acenaphthene	EPA 8270DSIM												4.8 U
Fluorene	EPA 8270DSIM												4.8 U
Phenanthrene	EPA 8270DSIM												4.8 U
Anthracene	EPA 8270DSIM												4.8 U
Fluoranthene	EPA 8270DSIM												4.8 U
Pyrene	EPA 8270DSIM												4.8 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-064 9 - 10 2-40-DP-64-09-S-0 6/5/2008	2-40-DP-065 0 - 1 2-40-DP-65-01-S-0 6/9/2008	2-40-DP-065 4 - 5 2-40-DP-65-04-S-0 6/9/2008	2-40-DP-065 9 - 10 2-40-DP-65-09-S-0 6/9/2008	2-40-DP-066 0 - 1 2-40-DP-66-01-S-0 6/13/2008	2-40-DP-066 4 - 5 2-40-DP-66-04-S-0 6/13/2008	2-40-DP-066 9 - 10 2-40-DP-66-09-S-0 6/13/2008	2-40-DP-067 0 - 1 2-40-DP-67-01-S-0 6/19/2008	2-40-DP-067 4 - 5 2-40-DP-67-04-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 6/19/2008	2-40-DP-067 9 - 10 2-40-DP-67-09-S-0 Reanalysis 6/19/2008	2-40-DP-068 0 - 1 2-40-DP-68-01-S-0 6/19/2008
Benzo(a)anthracene	EPA 8270DSIM												4.8 U
Chrysene	EPA 8270DSIM												4.8 U
Benzo(b)fluoranthene	EPA 8270DSIM												4.8 U
Benzo(k)fluoranthene	EPA 8270DSIM												4.8 U
Benzo(a)pyrene	EPA 8270DSIM												4.8 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM												4.8 U
Dibenz(a,h)anthracene	EPA 8270DSIM												4.8 U
Benzo(g,h,i)perylene	EPA 8270DSIM												4.8 U
Dibenzofuran	EPA 8270DSIM												4.8 U
PCBs (µg/kg)													
Aroclor 1016	EPA 8082								32 U	32 U	33 U		33 U
Aroclor 1242	EPA 8082								32 U	32 U	33 U		33 U
Aroclor 1248	EPA 8082								32 U	32 U	33 U		33 U
Aroclor 1254	EPA 8082								32 U	32 U	33 U		33 U
Aroclor 1260	EPA 8082								32 U	32 U	33 U		33 U
Aroclor 1221	EPA 8082								32 U	32 U	33 U		33 U
Aroclor 1232	EPA 8082								32 U	32 U	33 U		33 U
Aroclor 1262	EPA 8082								32 U	32 U	33 U		33 U
Aroclor 1268	EPA 8082								32 U	32 U	33 U		33 U
Total PCB	EPA 8082								32 U	32 U	33 U		33 U
Inorganics (mg/kg)													
Aluminum	EPA 6010B	13200	15200	9070	14600	12900	8210	20800	10700	8220	21600		9310
Antimony	EPA 6010B	6 UJ	5 UJ	5 UJ	6 UJ	6 UJ	5 UJ	7 UJ	5 UJ	5 UJ	7 UJ		5 UJ
Arsenic	EPA 6010B	6 U	5 U	5 U	6 U	6 U	5 U	8	5 U	5 U	11		5 U
Barium	EPA 6010B	46.1	67 J	29.9 J	46.5 J	50.2	22.2	82.1	41.3	28.8	83.1		30.5
Beryllium	EPA 6010B	0.2	0.1	0.1 U	0.1	0.2	0.1 U	0.2	0.2	0.1	0.3		0.1
Cadmium	EPA 6010B	0.3 U	3.6 J	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.3 U	0.2 U	0.2 U	0.3		0.2 U
Calcium	EPA 6010B	4640	5050	4460	5420	5440	3770	5760	4560	3280	5470		4540
Chromium	EPA 6010B	15	16.4	12.2	14.7	16.4	13.3	21.5	14.9	10.4	25.3		14.6
Cobalt	EPA 6010B	5.3	8.6	4.3	4.6	11	4.5	6.5	5.4	4.4	8.3		4.7
Copper	EPA 6010B	20.3	244	9.9	19.6	19.5	10.3	31.8	16.1	10.1	39.4		11.9
Iron	EPA 6010B	15100	14200	12500	13500	16600	13200	19900	15800	12600	25600		13200
Lead	EPA 6010B	7	27	2 U	6	6	2	12	6	2	15		5
Magnesium	EPA 6010B	3460	2910	2480	3110	3410	2420	4750	3370	2460	5920		2760
Manganese	EPA 6010B	142	198	119	113	168	120	198	164	129	284		152
Mercury	EPA 7471A	0.06 U	0.04 UJ	0.04 UJ	0.05 J	0.04 U	0.05 U	0.08	0.05	0.04 U	0.25		0.04 U
Molybdenum	EPA 6010B	0.7	0.6	0.5 U	0.6 U	0.6	0.5 U	0.7 U	0.5 U	0.5 U	0.7 U		0.7
Nickel	EPA 6010B	11	11	8	10	11	8	15	12	8	19		11
Selenium	EPA 6010B	6 U	5 U	5 U	6 U	6 U	5 U	7 U	5 U	5 U	7 U		5 U
Silver	EPA 6010B	0.4 U	0.5	0.3 U	0.4 U	0.4	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U		0.3 U
Thallium	EPA 7841	0.1 U	0.1	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2		0.2
Tin	EPA 6010B	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U
Vanadium	EPA 6010B	45.3	43.1	39.9	44.6	52.2	43.2	55.5	44.5	35	66		40.9
Zinc	EPA 6010B	34	108	27	33	37	25	63	33	24	63		30
Cyanide	EPA 335.2	0.065 U	0.051 U	0.052 U	0.064 U	0.069 J	0.05 UJ	0.126 J	0.085	0.051 U	0.376		
Chromium(VI)	SM3500CrD												
Total Solids (%)	EPA 160.3	76.2	97	95.3	77.6	86	96.9	71.4	91.8	94.1	62.3		
Total Organic Carbon (%)	Plumb 1981												
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx												
TPH - Diesel Range	NWTPH-Dx-Cleaned												
TPH - Motor Oil Range	NWTPH-Dx-Cleaned												

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-068 4 - 5 2-40-DP-68-04-S-0 6/19/2008	2-40-DP-068 9 - 10 2-40-DP-68-09-S-0 6/19/2008	2-40-DP-069 0 - 1 2-40-DP-69-01-S-0 5/28/2008	2-40-DP-069 4 - 5 2-40-DP-69-04-S-0 5/28/2008	2-40-DP-069 9 - 10 2-40-DP-69-09-S-0 5/28/2008	2-40-DP-070 0 - 1 2-40-DP-70-01-S-0 5/27/2008	2-40-DP-070 4 - 5 2-40-DP-70-04-S-0 5/27/2008	2-40-DP-070 9 - 10 2-40-DP-70-09-S-0 5/27/2008
VOCs (µg/kg)									
Chloromethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Bromomethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Vinyl Chloride	EPA 8260B	1.2 U	1.4 U	1.1 UJ	1.1 UJ	1.7 UJ	1.6 UJ	1.4 UJ	2.8 UJ
Chloroethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Methylene Chloride	EPA 8260B	2.3 U	2.7 U	2.2 U	2.2 U	3.4 U	3.1 U	2.9 U	7.1 U
Acetone	EPA 8260B	54	70	17	21	52	91	20	210
Carbon Disulfide	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,1-Dichloroethene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,1-Dichloroethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
trans-1,2-Dichloroethene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
cis-1,2-Dichloroethene	EPA 8260B	1.2 U	5.8	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Chloroform	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,2-Dichloroethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
2-Butanone	EPA 8260B	5.8 U	9.1	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
1,1,1-Trichloroethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Carbon Tetrachloride	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Vinyl Acetate	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
Bromodichloromethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,2-Dichloropropane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
cis-1,3-Dichloropropene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Trichloroethene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	3.7	1.4 U	2.8 U
Dibromochloromethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,1,2-Trichloroethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Benzene	EPA 8260B	1.2 U	2.3	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
trans-1,3-Dichloropropene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
2-Chloroethylvinylether	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
Bromoform	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Methyl isobutyl ketone	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
2-Hexanone	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
Tetrachloroethene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Toluene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Chlorobenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Ethylbenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Styrene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Trichlorofluoromethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.3 U	2.7 U	2.2 U	2.2 U	3.4 U	3.1 U	2.9 U	5.5 U
m,p-Xylene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
o-Xylene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,2-Dichlorobenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,3-Dichlorobenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,4-Dichlorobenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Acrolein	EPA 8260B	58 U	68 U	54 U	55 U	84 U	78 U	72 U	140 U
Methyl Iodide	EPA 8260B	1.2 UJ	1.4 UJ	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Bromoethane	EPA 8260B	2.3 U	2.7 U	2.2 U	2.2 U	3.4 U	3.1 U	2.9 U	5.5 U
Acrylonitrile	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
1,1-Dichloropropene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Dibromomethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
1,2,3-Trichloropropane	EPA 8260B	2.3 U	2.7 U	2.2 U	2.2 U	3.4 U	3.1 U	2.9 U	5.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
1,3,5-Trimethylbenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,2,4-Trimethylbenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Hexachlorobutadiene	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
Ethylene Dibromide	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Bromochloromethane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
2,2-Dichloropropane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,3-Dichloropropane	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Isopropylbenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
n-Propylbenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
Bromobenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
2-Chlorotoluene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
4-Chlorotoluene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
tert-Butylbenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
sec-Butylbenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
4-Isopropyltoluene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
n-Butylbenzene	EPA 8260B	1.2 U	1.4 U	1.1 U	1.1 U	1.7 U	1.6 U	1.4 U	2.8 U
1,2,4-Trichlorobenzene	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
Naphthalene	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
1,2,3-Trichlorobenzene	EPA 8260B	5.8 U	6.8 U	5.4 U	5.5 U	8.4 U	7.8 U	7.2 U	14 U
SVOCs (µg/kg)									
Phenol	EPA 8270D	60 U	65 U						
bis(2-Chloroethyl)ether	EPA 8270D	60 U	65 U						

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-068 4 - 5 2-40-DP-68-04-S-0 6/19/2008	2-40-DP-068 9 - 10 2-40-DP-68-09-S-0 6/19/2008	2-40-DP-069 0 - 1 2-40-DP-69-01-S-0 5/28/2008	2-40-DP-069 4 - 5 2-40-DP-69-04-S-0 5/28/2008	2-40-DP-069 9 - 10 2-40-DP-69-09-S-0 5/28/2008	2-40-DP-070 0 - 1 2-40-DP-70-01-S-0 5/27/2008	2-40-DP-070 4 - 5 2-40-DP-70-04-S-0 5/27/2008	2-40-DP-070 9 - 10 2-40-DP-70-09-S-0 5/27/2008
2-Chlorophenol	EPA 8270D	60 U	65 U						
1,3-Dichlorobenzene	EPA 8270D	60 U	65 U						
1,4-Dichlorobenzene	EPA 8270D	60 U	65 U						
Benzyl Alcohol	EPA 8270D	300 U	320 U						
1,2-Dichlorobenzene	EPA 8270D	60 U	65 U						
2-Methylphenol	EPA 8270D	60 U	65 U						
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	60 U	65 U						
4-Methylphenol	EPA 8270D	60 U	65 U						
N-Nitroso-Di-N-Propylamine	EPA 8270D	300 U	320 U						
Hexachloroethane	EPA 8270D	60 U	65 U						
Nitrobenzene	EPA 8270D	60 U	65 U						
Isophorone	EPA 8270D	60 U	65 U						
2-Nitrophenol	EPA 8270D	300 U	320 U						
2,4-Dimethylphenol	EPA 8270D	60 U	65 U						
Benzoic Acid	EPA 8270D	600 UJ	650 UJ						
bis(2-Chloroethoxy)methane	EPA 8270D	60 U	65 U						
2,4-Dichlorophenol	EPA 8270D	300 U	320 U						
1,2,4-Trichlorobenzene	EPA 8270D	60 U	65 U						
Naphthalene	EPA 8270D	60 U	65 U						
4-Chloroaniline	EPA 8270D	300 U	320 U						
Hexachlorobutadiene	EPA 8270D	60 U	65 U						
4-Chloro-3-methylphenol	EPA 8270D	300 U	320 U						
2-Methylnaphthalene	EPA 8270D	60 U	65 U						
Hexachlorocyclopentadiene	EPA 8270D	300 U	320 U						
2,4,6-Trichlorophenol	EPA 8270D	300 U	320 U						
2,4,5-Trichlorophenol	EPA 8270D	300 U	320 U						
2-Chloronaphthalene	EPA 8270D	60 U	65 U						
2-Nitroaniline	EPA 8270D	300 U	320 U						
Dimethylphthalate	EPA 8270D	60 U	65 U						
Acenaphthylene	EPA 8270D	60 U	65 U						
3-Nitroaniline	EPA 8270D	300 U	320 U						
Acenaphthene	EPA 8270D	60 U	65 U						
2,4-Dinitrophenol	EPA 8270D	600 UJ	650 UJ						
4-Nitrophenol	EPA 8270D	300 U	320 U						
Dibenzofuran	EPA 8270D	60 U	65 U						
2,6-Dinitrotoluene	EPA 8270D	300 U	320 U						
2,4-Dinitrotoluene	EPA 8270D	300 U	320 U						
Diethylphthalate	EPA 8270D	60 U	65 U						
4-Chlorophenyl-phenylether	EPA 8270D	60 U	65 U						
Fluorene	EPA 8270D	60 U	65 U						
4-Nitroaniline	EPA 8270D	300 U	320 U						
4,6-Dinitro-2-Methylphenol	EPA 8270D	600 U	650 U						
N-Nitrosodiphenylamine	EPA 8270D	60 U	65 U						
4-Bromophenyl-phenylether	EPA 8270D	60 U	65 U						
Hexachlorobenzene	EPA 8270D	60 U	65 U						
Pentachlorophenol	EPA 8270D	300 U	320 U						
Phenanthrene	EPA 8270D	60 U	65 U						
Carbazole	EPA 8270D	60 U	65 U						
Anthracene	EPA 8270D	60 U	65 U						
Di-n-Butylphthalate	EPA 8270D	60 U	65 U						
Fluoranthene	EPA 8270D	60 U	65 U						
Pyrene	EPA 8270D	60 U	65 U						
Butylbenzylphthalate	EPA 8270D	60 U	65 U						
3,3'-Dichlorobenzidine	EPA 8270D	300 U	320 U						
Benzo(a)anthracene	EPA 8270D	60 U	65 U						
bis(2-Ethylhexyl)phthalate	EPA 8270D	60 U	65 U						
Chrysene	EPA 8270D	60 U	65 U						
Di-n-octylphthalate	EPA 8270D	60 U	65 U						
Benzo(b)fluoranthene	EPA 8270D	60 U	65 U						
Benzo(k)fluoranthene	EPA 8270D	60 U	65 U						
Benzo(a)pyrene	EPA 8270D	60 U	65 U						
Indeno(1,2,3-cd)pyrene	EPA 8270D	60 U	65 U						
Dibenz(a,h)anthracene	EPA 8270D	60 U	65 U						
Benzo(g,h,i)perylene	EPA 8270D	60 U	65 U						
1-Methylnaphthalene	EPA 8270D	60 U	65 U						
Naphthalene	EPA 8270DSIM	4.8 U	4.8 U						
2-Methylnaphthalene	EPA 8270DSIM	4.8 U	4.8 U						
1-Methylnaphthalene	EPA 8270DSIM	4.8 U	4.8 U						
Acenaphthylene	EPA 8270DSIM	4.8 U	4.8 U						
Acenaphthene	EPA 8270DSIM	4.8 U	5.3						
Fluorene	EPA 8270DSIM	4.8 U	7.3						
Phenanthrene	EPA 8270DSIM	4.8 U	24						
Anthracene	EPA 8270DSIM	4.8 U	4.8 U						
Fluoranthene	EPA 8270DSIM	4.8 U	29						
Pyrene	EPA 8270DSIM	4.8 U	22						

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-068 4 - 5 2-40-DP-68-04-S-0 6/19/2008	2-40-DP-068 9 - 10 2-40-DP-68-09-S-0 6/19/2008	2-40-DP-069 0 - 1 2-40-DP-69-01-S-0 5/28/2008	2-40-DP-069 4 - 5 2-40-DP-69-04-S-0 5/28/2008	2-40-DP-069 9 - 10 2-40-DP-69-09-S-0 5/28/2008	2-40-DP-070 0 - 1 2-40-DP-70-01-S-0 5/27/2008	2-40-DP-070 4 - 5 2-40-DP-70-04-S-0 5/27/2008	2-40-DP-070 9 - 10 2-40-DP-70-09-S-0 5/27/2008
Benzo(a)anthracene	EPA 8270DSIM	4.8 U	6.3						
Chrysene	EPA 8270DSIM	4.8 U	7.8						
Benzo(b)fluoranthene	EPA 8270DSIM	4.8 U	5.8						
Benzo(k)fluoranthene	EPA 8270DSIM	4.8 U	4.8 U						
Benzo(a)pyrene	EPA 8270DSIM	4.8 U	4.8 U						
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	4.8 U	4.8 U						
Dibenz(a,h)anthracene	EPA 8270DSIM	4.8 U	4.8 U						
Benzo(g,h,i)perylene	EPA 8270DSIM	4.8 U	4.8 U						
Dibenzofuran	EPA 8270DSIM	4.8 U	4.8 U						
PCBs (µg/kg)									
Aroclor 1016	EPA 8082	32 U	33 U						
Aroclor 1242	EPA 8082	32 U	33 U						
Aroclor 1248	EPA 8082	32 U	33 U						
Aroclor 1254	EPA 8082	32 U	33 U						
Aroclor 1260	EPA 8082	32 U	33 U						
Aroclor 1221	EPA 8082	32 U	33 U						
Aroclor 1232	EPA 8082	32 U	33 U						
Aroclor 1262	EPA 8082	32 U	33 U						
Aroclor 1268	EPA 8082	32 U	33 U						
Total PCB	EPA 8082	32 U	33 U						
Inorganics (mg/kg)									
Aluminum	EPA 6010B	8210	16300	9550	12000	22200	12100	10500	7090
Antimony	EPA 6010B	5 UJ	6 UJ	5 UJ	5 UJ	7 UJ	5 UJ	5 UJ	5 UJ
Arsenic	EPA 6010B	5 U	6 U	5 U	5 U	7 U	5 U	5 U	5 U
Barium	EPA 6010B	28.3	53.4	29.1	40.9	59.7	46.2	36	19.3
Beryllium	EPA 6010B	0.1 U	0.2	0.1 U	0.1	0.3	0.1	0.1	0.1 U
Cadmium	EPA 6010B	0.2 U	0.3 U	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	3740	6210	4410	4700	5100	7230	4480	3700
Chromium	EPA 6010B	12.5	18.2	12	23.3	24.5	19.3	14.9	10.1
Cobalt	EPA 6010B	4.4	6.2	4.6	5.1	6.5	8.4 J	5 J	2.9 J
Copper	EPA 6010B	9.4	19.4	11.3	15.2	24.8	18.8	15	6.7
Iron	EPA 6010B	12900	18900	13200	15200	16400	15300	14000	9320
Lead	EPA 6010B	2 U	5	4	5	5	8 J	3 J	2 UJ
Magnesium	EPA 6010B	2480	4280	2810	3070	4820	4540	2830	1830
Manganese	EPA 6010B	124	195	129	147	144	181	145	84.3
Mercury	EPA 7471A	0.04 U	0.1	0.05 U	0.05 U	0.08	0.04 U	0.05 U	0.05 U
Molybdenum	EPA 6010B	0.5 U	0.6 U	0.5 U	3.6	0.8	0.9	1.1	1.4
Nickel	EPA 6010B	8	14	11	10	15	22	12	6
Selenium	EPA 6010B	5 U	6 U	5 U	5 U	7 U	5 U	5 U	5 U
Silver	EPA 6010B	0.3 U	0.4 U	0.3 U	0.3 U	0.4 U	0.3 UJ	0.3 UJ	0.3 UJ
Thallium	EPA 7841	0.09 U	0.1 U	0.1	0.1 U	0.2	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	42.3	50.6	40.1	46	50.3	43.7	42.1	34.7
Zinc	EPA 6010B	25	41	35	36	44	56 J	31 J	21 J
Cyanide	EPA 335.2			0.052 U	0.052 U	0.072 U	0.051 U	0.051 U	0.053 U
Chromium(VI)	SM3500CrD								
Total Solids (%)	EPA 160.3			90.1	89.4	66.1	93.7	92.6	91.1
Total Organic Carbon (%)	Plumb 1981								
Petroleum Hydrocarbons (mg/kg)									
TPH - Gasoline Range	NWTPH-Gx								
TPH - Diesel Range	NWTPH-Dx-Cleaned								
TPH - Motor Oil Range	NWTPH-Dx-Cleaned								

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	2-40-DP-071 0 - 1 2-40-DP-71-01-S-0 6/23/2008	2-40-DP-071 0 - 1 2-40-DP-71-01-S-0 Dilution 6/23/2008	2-40-DP-071 4 - 5 2-40-DP-71-04-S-0 6/23/2008	2-40-DP-071 4 - 5 2-40-DP-71-04-S-0 Reanalysis 6/23/2008	2-40-DP-071 9 - 10 2-40-DP-71-09-S-0 6/23/2008	2-40-DP-072 0 - 1 2-40-DP-72-01-S-0 6/24/2008	2-40-DP-072 4 - 5 2-40-DP-72-04-S-0 6/24/2008	2-40-DP-072 9 - 10 2-40-DP-72-09-S-0 6/24/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 6/25/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 Reanalysis 6/25/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 Reextract 6/25/2008
VOCs (µg/kg)														
Chloromethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Bromomethane	EPA 8260B	1		1.2 UJ		1.8 UJ	2.1 U	1.1 UJ	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Vinyl Chloride	EPA 8260B	1		1.2 UJ		1.8 UJ	2.1 U	1.1 UJ	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Chloroethane	EPA 8260B	1		1.2 UJ		1.8 UJ	2.1 U	1.1 UJ	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Methylene Chloride	EPA 8260B	2		2.4 U		3.6 U	4.3 U	2.1 U	2.4 U	4.1 U	2.5 U	4.2 U	3.4 U	130 U
Acetone	EPA 8260B	5		27 U		30 U	88 J	53	22	19	20	34	42	330 U
Carbon Disulfide	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.3	1.1	1.2 U	1.2 U	4.1	1.2 U	65 U
1,1-Dichloroethene	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
1,1-Dichloroethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
trans-1,2-Dichloroethene	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
cis-1,2-Dichloroethene	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Chloroform	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
1,2-Dichloroethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
2-Butanone	EPA 8260B	5		5.9 U		9.1 U	11 U	7.4	4.8 U	6.2 U	6.3 U	5.9 U	6.3 U	330 U
1,1,1-Trichloroethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Carbon Tetrachloride	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Vinyl Acetate	EPA 8260B	5		5.9 U		9.1 U	11 U	5.4 U	4.8 U	6.2 U	6.3 U	5.9 U	6.3 U	330 U
Bromodichloromethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
1,2-Dichloropropane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
cis-1,3-Dichloropropene	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Trichloroethene	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Dibromochloromethane	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
1,1,2-Trichloroethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Benzene	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	23	24	200
trans-1,3-Dichloropropene	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
2-Chloroethylvinylether	EPA 8260B	5		5.9 UR		9.1 UR	11 U	5.4 UR	4.8 U	6.2 U	6.3 U	5.9 U	6.3 U	330 U
Bromoform	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
Methyl isobutyl ketone	EPA 8260B	5		5.9 U		9.1 U	11 U	5.4 U	4.8 U	6.2 U	6.3 U	5.9 U	6.3 U	330 U
2-Hexanone	EPA 8260B	5		5.9 U		9.1 U	11 UJ	5.4 U	4.8 U	6.2 U	6.3 U	5.9 U	6.3 U	330 U
Tetrachloroethene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
Toluene	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	7	11	300
Chlorobenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Ethylbenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	3.2	65 U
Styrene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	2.4	65 U
Trichlorofluoromethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2		2.4 U		3.6 U	4.3 U	2.1 U	1.9 U	2.5 U	2.5 U	2.4 U	2.5 U	130 U
m,p-Xylene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	4.1	14	200
o-Xylene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	2.2	10	85
1,2-Dichlorobenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
1,3-Dichlorobenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
1,4-Dichlorobenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
Acrolein	EPA 8260B	10		59 U		91 U	110 U	54 U	48 U	62 U	63 U	59 U	63 U	3300 U
Methyl Iodide	EPA 8260B	1		1.2 U		1.8 U	2.1 UJ	1.1 U	1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	65 UJ
Bromoethane	EPA 8260B	2		2.4 U		3.6 U	4.3 U	2.1 U	1.9 U	2.5 U	2.5 U	2.4 U	2.5 UJ	130 U
Acrylonitrile	EPA 8260B	5		5.9 U		9.1 U	11 U	5.4 U	4.8 U	6.2 U	6.3 U	5.9 U	6.3 U	330 U
1,1-Dichloropropene	EPA 8260B	2		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Dibromomethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5		5.9 U		9.1 UJ	11 UJ	5.4 U	4.8 U	6.2 U	6.3 U	5.9 UJ	6.3 UJ	330 U
1,2,3-Trichloropropane	EPA 8260B	2		2.4 U		3.6 UJ	4.3 UJ	2.1 U	1.9 U	2.5 U	2.5 U	2.4 UJ	2.5 UJ	130 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5		5.9 U		9.1 UJ	11 UJ	5.4 U	4.8 U	6.2 U	6.3 U	5.9 UJ	6.3 UJ	330 U
1,3,5-Trimethylbenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	2.7 J	18 J	100
1,2,4-Trimethylbenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	4.8 J	39 J	240
Hexachlorobutadiene	EPA 8260B	5		5.9 U		9.1 UJ	11 UJ	5.4 U	4.8 U	6.2 U	6.3 U	5.9 UJ	6.3 UJ	330 U
Ethylene Dibromide	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Bromochloromethane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
2,2-Dichloropropane	EPA 8260B	1		1.2 U		1.8 U	2.1 U	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
1,3-Dichloropropane	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 U	1.2 U	65 U
Isopropylbenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.4 J	65 U
n-Propylbenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	2 J	65 U
Bromobenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
2-Chlorotoluene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
4-Chlorotoluene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
tert-Butylbenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
sec-Butylbenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.2 UJ	65 U
4-Isopropyltoluene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.3 J	65 U
n-Butylbenzene	EPA 8260B	1		1.2 U		1.8 UJ	2.1 UJ	1.1 U	1 U	1.2 U	1.2 U	1.2 UJ	1.9 J	65 U
1,2,4-Trichlorobenzene	EPA 8260B	5		5.9 U		9.1 UJ	11 UJ	5.4 U	4.8 U	6.2 U	6.3 U	5.9 UJ	6.3 UJ	330 U
Naphthalene	EPA 8260B	5		5.9 U		9.1 UJ	11 UJ	5.4 U	4.8 U	6.2 U	6.3 U	44 J	600 J	13000
1,2,3-Trichlorobenzene	EPA 8260B	5		5.9 U		9.1 UJ	11 UJ	5.4 U	4.8 U	6.2 U	6.3 U	5.9 UJ	6.3 UJ	330 U
SVOCs (µg/kg)														
Phenol	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
bis(2-Chloroethyl)ether	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
2-Chlorophenol	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
1,3-Dichlorobenzene	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
1,4-Dichlorobenzene	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Benzyl Alcohol	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 UJ	310 UJ	320 UJ	320 UJ		
1,2-Dichlorobenzene	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
2-Methylphenol	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	2-40-DP-071 0 - 1 2-40-DP-71-01-S-0 6/23/2008	2-40-DP-071 0 - 1 2-40-DP-71-01-S-0 Dilution 6/23/2008	2-40-DP-071 4 - 5 2-40-DP-71-04-S-0 6/23/2008	2-40-DP-071 4 - 5 2-40-DP-71-04-S-0 Reanalysis 6/23/2008	2-40-DP-071 9 - 10 2-40-DP-71-09-S-0 6/23/2008	2-40-DP-072 0 - 1 2-40-DP-72-01-S-0 6/24/2008	2-40-DP-072 4 - 5 2-40-DP-72-04-S-0 6/24/2008	2-40-DP-072 9 - 10 2-40-DP-72-09-S-0 6/24/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 6/25/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 Reanalysis 6/25/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 Reextract 6/25/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
4-Methylphenol	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	89		
N-Nitroso-Di-N-Propylamine	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
Hexachloroethane	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Nitrobenzene	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Isophorone	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
2-Nitrophenol	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
2,4-Dimethylphenol	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Benzoic Acid	EPA 8270D	670		1900 U	13000 U	650 U		660 U	620 UJ	630 UJ	630 UJ	650 UJ		
bis(2-Chloroethoxy)methane	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
2,4-Dichlorophenol	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
1,2,4-Trichlorobenzene	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Naphthalene	EPA 8270D	67		2000	2300	160		66 U	62 U	63 U	63 U	140		
4-Chloroaniline	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
Hexachlorobutadiene	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
4-Chloro-3-methylphenol	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
2-Methylnaphthalene	EPA 8270D	67		1400	1700	170		66 U	62 U	63 U	63 U	140		
Hexachlorocyclopentadiene	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
2,4,6-Trichlorophenol	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
2,4,5-Trichlorophenol	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
2-Chloronaphthalene	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
2-Nitroaniline	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
Dimethylphthalate	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Acenaphthylene	EPA 8270D	67		8600	10000	75		66 U	62 U	63 U	63 U	65 U		
3-Nitroaniline	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
Acenaphthene	EPA 8270D	67		380	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
2,4-Dinitrophenol	EPA 8270D	670		1900 UJ	13000 UJ	650 UJ		660 UJ	620 UJ	630 UJ	630 UJ	650 UJ		
4-Nitrophenol	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 UJ	310 UJ	320 UJ	320 UJ		
Dibenzofuran	EPA 8270D	67		600	1300 U	65 U		66 U	62 U	63 U	63 U	70		
2,6-Dinitrotoluene	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
2,4-Dinitrotoluene	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
Diethylphthalate	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
4-Chlorophenyl-phenylether	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Fluorene	EPA 8270D	67		3900	4400	65 U		66 U	62 U	63 U	63 U	65 U		
4-Nitroaniline	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
4,6-Dinitro-2-Methylphenol	EPA 8270D	670		1900 U	13000 U	650 U		660 U	620 U	630 U	630 U	650 U		
N-Nitrosodiphenylamine	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
4-Bromophenyl-phenylether	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Hexachlorobenzene	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Pentachlorophenol	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
Phenanthrene	EPA 8270D	67		21000 E	36000	180		66 U	62 U	200	63 U	180		
Carbazole	EPA 8270D	67		760	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Anthracene	EPA 8270D	67		8700	12000	65 U		66 U	62 U	63 U	63 U	65 U		
Di-n-Butylphthalate	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Fluoranthene	EPA 8270D	67		31000 E	50000	250		66 U	62 U	240	63 U	210		
Pyrene	EPA 8270D	67		42000 E	62000	240		66 U	62 U	250	63 U	250		
Butylbenzylphthalate	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
3,3'-Dichlorobenzidine	EPA 8270D	330		970 U	6500 U	330 U		330 U	310 U	310 U	320 U	320 U		
Benzo(a)anthracene	EPA 8270D	67		26000 E	35000	160		66 U	62 U	120	63 U	120		
bis(2-Ethylhexyl)phthalate	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	72	65 U		
Chrysene	EPA 8270D	67		27000 E	37000	180		66 U	62 U	130	63 U	140		
Di-n-octylphthalate	EPA 8270D	67		190 U	1300 U	65 U		66 U	62 U	63 U	63 U	65 U		
Benzo(b)fluoranthene	EPA 8270D	67		30000 E	30000	160		66 U	62 U	110	63 U	110		
Benzo(k)fluoranthene	EPA 8270D	67		14000	27000	140		66 U	62 U	130	63 U	110		
Benzo(a)pyrene	EPA 8270D	67		31000 E	44000	150		66 U	62 U	150	63 U	150		
Indeno(1,2,3-cd)pyrene	EPA 8270D	67		9100	17000	77		66 U	62 U	73 U	63 U	65 U		
Dibenz(a,h)anthracene	EPA 8270D	67		3400	3000	65 U		66 U	62 U	63 U	63 U	65 U		
Benzo(g,h,i)perylene	EPA 8270D	67		8600	17000	65 U		66 U	62 U	86 U	63 U	87 U		
1-Methylnaphthalene	EPA 8270D	67		1000	1300 U	130		66 U	62 U	63 U	63 U	100		
Naphthalene	EPA 8270DSIM	5		3600	3800	330		4.8 U	4.9 U	15	7.9	1800		
2-Methylnaphthalene	EPA 8270DSIM	5		2300	2400	350		4.8 U	4.9 U	8.2	5.4	420		
1-Methylnaphthalene	EPA 8270DSIM	5		1500	1600	260		4.8 U	4.9 U	7.8	5 U	470		
Acenaphthylene	EPA 8270DSIM	5		10000	12000	47		4.8 U	4.9 U	31	5 U	490		
Acenaphthene	EPA 8270DSIM	5		420	1200 U	11		4.8 U	4.9 U	4.8 U	5 U	240		
Fluorene	EPA 8270DSIM	5		4000	3900	23		4.8 U	4.9 U	23	5 U	300		
Phenanthrene	EPA 8270DSIM	5		33000 E	44000	280		4.8 U	4.9 U	240	13	2700		
Anthracene	EPA 8270DSIM	5		13000 E	14000	57		4.8 U	4.9 U	37	5 U	630		
Fluoranthene	EPA 8270DSIM	5		46000 E	70000	220		4.8 U	4.9 U	220	12	2600		
Pyrene	EPA 8270DSIM	5		54000 E	90000	230		4.8 U	4.9 U	310	11	2700		
Benzo(a)anthracene	EPA 8270DSIM	5		38000 E	51000	160		4.8 U	4.9 U	130	5 U	1200		
Chrysene	EPA 8270DSIM	5		40000 E	53000	180		4.8 U	4.9 U	140	6.9	1200		
Benzo(b)fluoranthene	EPA 8270DSIM	5		46000 E	35000	190		4.8 U	4.9 U	80	5 U	1400		
Benzo(k)fluoranthene	EPA 8270DSIM	5		45000 E	45000	200		4.8 U	4.9 U	110	5 U	1200		
Benzo(a)pyrene	EPA 8270DSIM	5		56000 E	62000	170		4.8 U	4.9 U	140	5 U	1500		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	5		9300	33000	31		4.8 U	4.9 U	72	5 U	500		
Dibenz(a,h)anthracene	EPA 8270DSIM	5		3400	7500	17		4.8 U	4.9 U	19	5 U	130		
Benzo(g,h,i)perylene	EPA 8270DSIM	5		10000	37000	35		4.8 U	4.9 U	82	5 U	500		
Dibenzofuran	EPA 8270DSIM	5		740	1200 U	53		4.8 U	4.9 U	4.8 U	5 U	250		
PCBs (µg/kg)														
Aroclor 1016	EPA 8082	33												
Aroclor 1242	EPA 8082	33												

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location: Depth (ft bgs): Sample ID: Sample Date:	2-40-DP-071 0 - 1 2-40-DP-71-01-S-0 6/23/2008	2-40-DP-071 0 - 1 2-40-DP-71-01-S-0 Dilution 6/23/2008	2-40-DP-071 4 - 5 2-40-DP-71-04-S-0 6/23/2008	2-40-DP-071 4 - 5 2-40-DP-71-04-S-0 Reanalysis 6/23/2008	2-40-DP-071 9 - 10 2-40-DP-71-09-S-0 6/23/2008	2-40-DP-072 0 - 1 2-40-DP-72-01-S-0 6/24/2008	2-40-DP-072 4 - 5 2-40-DP-72-04-S-0 6/24/2008	2-40-DP-072 9 - 10 2-40-DP-72-09-S-0 6/24/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 6/25/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 Reanalysis 6/25/2008	2-40-DP-073 0 - 1 2-40-DP-73-01-S-0 Reextract 6/25/2008
Aroclor 1248	EPA 8082	33												
Aroclor 1254	EPA 8082	33												
Aroclor 1260	EPA 8082	33												
Aroclor 1221	EPA 8082	33												
Aroclor 1232	EPA 8082	33												
Aroclor 1262	EPA 8082	33												
Aroclor 1268	EPA 8082	33												
Total PCB	EPA 8082	33												
Inorganics (mg/kg)														
Aluminum	EPA 6010B	5		11800		7370		12400	21900	8900	12200	13400		
Antimony	EPA 6010B	5		6 UJ		6 UJ		6 UJ	10 UJ	5 UJ	6 UJ	5 UJ		
Arsenic	EPA 6010B	5		7		6 U		6 U	10 U	5 U	6 U	5 U		
Barium	EPA 6010B	0.3		333		440		53.1	35	38.4	40.3	113		
Beryllium	EPA 6010B	0.1		0.3		0.3		0.2	0.2 U	0.1 U	0.1	0.2		
Cadmium	EPA 6010B	0.2		0.8		0.2 U		0.2 U	0.5 U	0.2 U	0.2 U	0.5		
Calcium	EPA 6010B	5		7090		5810		5260	13400	5830	4160	6710		
Chromium	EPA 6010B	0.5		14.2		8.3		13.6	24	11.4	14.1	15.9		
Cobalt	EPA 6010B	0.3		11.9		7.9		5.5	40.5	4.7	4.5	8.6		
Copper	EPA 6010B	0.2		39.9		88.4		16.2	50.7	12.9	18	33		
Iron	EPA 6010B	5		13000		8310		12800	27500	13200	14400	15600		
Lead	EPA 6010B	2		17		8		3	5 U	8	3	16		
Magnesium	EPA 6010B	5		2830		852		2910	15000	2700	2880	3120		
Manganese	EPA 6010B	0.1		124		97.5		112	463	152	116	184		
Mercury	EPA 7471A	0.05		0.61		0.05 U		0.06 U	0.04 U	0.05	0.06 U	0.13		
Molybdenum	EPA 6010B	0.5		1.4		4.2		0.6	1	0.5	0.6 U	1.4		
Nickel	EPA 6010B	1		15		30		11	26	10	10	25		
Selenium	EPA 6010B	5		6 U		6 U		6 U	10 U	5 U	6 U	5 U		
Silver	EPA 6010B	0.3		2.9		0.4 U		0.3 U	3.6	0.3 U	0.3 U	0.4		
Thallium	EPA 7841	0.1		0.1 U		0.1 U		0.1	0.1 U	0.1 U	0.1 U	0.1 U		
Tin	EPA 6010B	1		1 U		1 U		1 U	2 U	1 U	1 U	1 U		
Vanadium	EPA 6010B	0.3		56.4		54		44.8	60.4	40.4	43.6	53.1		
Zinc	EPA 6010B	1		38		30		32	39	45	30	181		
Cyanide	EPA 335.2	0.05		7.59		3.51		0.177	0.049 U	0.165	0.11	2.44		
Chromium(VI)	SM3500CrD	0.4												
Total Solids (%)	EPA 160.3	0.01		89.4		82.4		79.5	94.7	94.2	79	83.5		
Total Organic Carbon (%)	Plumb 1981	0.02												
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx	5							5.1 U	6.6 U	8.8 U	76 J		
TPH - Diesel Range	NWTPH-Dx-Cleaned	5							5.2 U	7.6 J	7.4 U	100 J		
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	10							10 U	66	15 U	330		

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-073 4 - 5 2-40-DP-73-04-S-0 Dilution 6/25/2008	2-40-DP-073 4 - 5 2-40-DP-73-04-S-0 6/25/2008	2-40-DP-073 9 - 10 2-40-DP-73-09-S-0 6/25/2008	2-40-DP-074 0 - 1 2-40-DP-74-01-S-0 7/2/2008	2-40-DP-074 0 - 1 2-40-DP-74-01-S-0 Reextract 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 Dilution 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 Reextract 7/2/2008	2-40-DP-074 9 - 10 2-40-DP-74-09-S-0 7/2/2008	2-40-DP-074 9 - 10 2-40-DP-74-09-S-0 Reextract 7/2/2008	2-40-DP-075 0 - 1 2-40-DP-75-01-S-0 7/1/2008	2-40-DP-075 0 - 1 2-40-DP-75-01-S-0 Reextract 7/1/2008	2-40-DP-075 4 - 5 2-40-DP-75-04-S-0 7/1/2008
VOCs (µg/kg)														
Chloromethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Bromomethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Vinyl Chloride	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Chloroethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Methylene Chloride	EPA 8260B		2.3 U	2.3 U	5.5 U			2.8 U		2.6 UJ		2.6 U		2.6 U
Acetone	EPA 8260B		54	19	5.1 U			9.4 U		100		66		21 U
Carbon Disulfide	EPA 8260B		1.2 U	3.5	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,1-Dichloroethene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,1-Dichloroethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
trans-1,2-Dichloroethene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
cis-1,2-Dichloroethene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Chloroform	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,2-Dichloroethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
2-Butanone	EPA 8260B		6.5	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
1,1,1-Trichloroethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Carbon Tetrachloride	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Vinyl Acetate	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UR		5.4 U		6.4 U
Bromodichloromethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,2-Dichloropropane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
cis-1,3-Dichloropropene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Trichloroethene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		7.2		2.6
Dibromochloromethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,1,2-Trichloroethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Benzene	EPA 8260B		1.5	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
trans-1,3-Dichloropropene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
2-Chloroethylvinylether	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UR		5.4 UR		6.4 UR
Bromoform	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Methyl isobutyl ketone	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
2-Hexanone	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
Tetrachloroethene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,1,2,2-Tetrachloroethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Toluene	EPA 8260B		1.3	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Chlorobenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Ethylbenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Styrene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Trichlorofluoromethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B		2.3 U	2.3 U	2 U			1.9 U		2.6 UJ		2.1 U		2.6 U
m,p-Xylene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
o-Xylene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,2-Dichlorobenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,3-Dichlorobenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,4-Dichlorobenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Acrolein	EPA 8260B		58 U	57 U	51 U			47 U		66 UR		54 UR		64 UR
Methyl Iodide	EPA 8260B		1.2 UJ	1.1 UJ	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Bromoethane	EPA 8260B		2.3 U	2.3 U	2 U			1.9 U		2.6 UJ		2.1 U		2.6 U
Acrylonitrile	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
1,1-Dichloropropene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Dibromomethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,1,1,2-Tetrachloroethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,2-Dibromo-3-chloropropane	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
1,2,3-Trichloropropane	EPA 8260B		2.3 U	2.3 U	2 U			1.9 U		2.6 UJ		2.1 U		2.6 U
trans-1,4-Dichloro-2-butene	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
1,3,5-Trimethylbenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,2,4-Trimethylbenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Hexachlorobutadiene	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
Ethylene Dibromide	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Bromochloromethane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
2,2-Dichloropropane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,3-Dichloropropane	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Isopropylbenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
n-Propylbenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
Bromobenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
2-Chlorotoluene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
4-Chlorotoluene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
tert-Butylbenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
sec-Butylbenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
4-Isopropyltoluene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
n-Butylbenzene	EPA 8260B		1.2 U	1.1 U	1 U			0.9 U		1.3 UJ		1.1 U		1.3 U
1,2,4-Trichlorobenzene	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
Naphthalene	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
1,2,3-Trichlorobenzene	EPA 8260B		5.8 U	5.7 U	5.1 U			4.7 U		6.6 UJ		5.4 U		6.4 U
SVOCs (µg/kg)														
Phenol	EPA 8270D	620 U	190 U	64 U	65 UJ	64 UJ		65 UJ	62 UJ	63 UJ	62 UJ	65 UJ	64 UJ	61 UJ
bis(2-Chloroethyl)ether	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
2-Chlorophenol	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
1,3-Dichlorobenzene	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
1,4-Dichlorobenzene	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Benzyl Alcohol	EPA 8270D	3100 U	930 UJ	320 UJ	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
1,2-Dichlorobenzene	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
2-Methylphenol	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-073 4 - 5 2-40-DP-73-04-S-0 Dilution 6/25/2008	2-40-DP-073 4 - 5 2-40-DP-73-04-S-0 6/25/2008	2-40-DP-073 9 - 10 2-40-DP-73-09-S-0 6/25/2008	2-40-DP-074 0 - 1 2-40-DP-74-01-S-0 7/2/2008	2-40-DP-074 0 - 1 2-40-DP-74-01-S-0 Reextract 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 Dilution 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 Reextract 7/2/2008	2-40-DP-074 9 - 10 2-40-DP-74-09-S-0 7/2/2008	2-40-DP-074 9 - 10 2-40-DP-74-09-S-0 Reextract 7/2/2008	2-40-DP-075 0 - 1 2-40-DP-75-01-S-0 7/1/2008	2-40-DP-075 0 - 1 2-40-DP-75-01-S-0 Reextract 7/1/2008	2-40-DP-075 4 - 5 2-40-DP-75-04-S-0 7/1/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
4-Methylphenol	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
Hexachloroethane	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Nitrobenzene	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Isophorone	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
2-Nitrophenol	EPA 8270D	3100 U	930 U	320 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
2,4-Dimethylphenol	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Benzoic Acid	EPA 8270D	6200 UJ	1900 UJ	640 UJ	650 UR	640 UJ		650 UR	620 UJ	630 UR	620 UJ	650 UR	640 UJ	610 UR
bis(2-Chloroethoxy)methane	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
2,4-Dichlorophenol	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
1,2,4-Trichlorobenzene	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Naphthalene	EPA 8270D	5900	5800	64 U	92	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
4-Chloroaniline	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
Hexachlorobutadiene	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
4-Chloro-3-methylphenol	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
2-Methylnaphthalene	EPA 8270D	1900	2000	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Hexachlorocyclopentadiene	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
2,4,6-Trichlorophenol	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
2,4,5-Trichlorophenol	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
2-Chloronaphthalene	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
2-Nitroaniline	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
Dimethylphthalate	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Acenaphthylene	EPA 8270D	2200	2900	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
3-Nitroaniline	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
Acenaphthene	EPA 8270D	840	850	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
2,4-Dinitrophenol	EPA 8270D	6200 UJ	1900 UJ	640 UJ	650 UR	640 UJ		650 UR	620 UJ	630 UR	620 UJ	650 UR	640 UJ	610 UR
4-Nitrophenol	EPA 8270D	3100 U	930 UJ	320 UJ	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
Dibenzofuran	EPA 8270D	2000	2100	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
2,6-Dinitrotoluene	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
2,4-Dinitrotoluene	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
Diethylphthalate	EPA 8270D	620 U	190 U	120	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
4-Chlorophenyl-phenylether	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Fluorene	EPA 8270D	3400	3700	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
4-Nitroaniline	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	6200 U	1900 U	640 U	650 U	640 UJ		650 U	620 UJ	630 U	620 UJ	650 U	640 UJ	610 U
N-Nitrosodiphenylamine	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
4-Bromophenyl-phenylether	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Hexachlorobenzene	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Pentachlorophenol	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
Phenanthrene	EPA 8270D	28000	23000 E	64 U	220	100 J		150	98 J	63 U	62 UJ	65 U	64 UJ	61 U
Carbazole	EPA 8270D	2300	2400	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Anthracene	EPA 8270D	6100	6200	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Di-n-Butylphthalate	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Fluoranthene	EPA 8270D	24000	23000 E	64 U	300	160 J		280	220 J	63 U	62 UJ	65 U	64 UJ	61 U
Pyrene	EPA 8270D	24000	19000 E	64 U	310	120 J		310	180 J	63 U	62 UJ	65 U	64 UJ	61 U
Butylbenzylphthalate	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
3,3'-Dichlorobenzidine	EPA 8270D	3100 U	930 U	320 U	320 U	320 UJ		320 U	310 UJ	320 U	310 UJ	330 U	320 UJ	300 U
Benzo(a)anthracene	EPA 8270D	8400	8700	64 U	140	65 J		140	92 J	63 U	62 UJ	65 U	64 UJ	61 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Chrysene	EPA 8270D	8600	8800	64 U	140	67 J		210	150 J	63 U	62 UJ	65 U	64 UJ	61 U
Di-n-octylphthalate	EPA 8270D	620 U	190 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Benzo(b)fluoranthene	EPA 8270D	7000	8100	64 U	120	64 UJ		160	170 J	63 U	62 UJ	65 U	64 UJ	61 U
Benzo(k)fluoranthene	EPA 8270D	5500	6800	64 U	140	64 UJ		290	120 J	63 U	62 UJ	65 U	64 UJ	61 U
Benzo(a)pyrene	EPA 8270D	9600	10000	64 U	180	82 J		230	160 J	63 U	62 UJ	65 U	64 UJ	61 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	4800 U	4400 U	64 U	68	64 UJ		100	81 J	63 U	62 UJ	65 U	64 UJ	61 U
Dibenz(a,h)anthracene	EPA 8270D	1000 U	800 U	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Benzo(g,h,i)perylene	EPA 8270D	6400 U	5700 U	64 U	76	64 UJ		150	120 J	63 U	62 UJ	65 U	64 UJ	61 U
1-Methylnaphthalene	EPA 8270D	1600	1700	64 U	65 U	64 UJ		65 U	62 UJ	63 U	62 UJ	65 U	64 UJ	61 U
Naphthalene	EPA 8270DSIM		20 U	6.2	18		31	29		4.7 U		6.2		4.6 U
2-Methylnaphthalene	EPA 8270DSIM		20 U	6.6	5.2		20	19		4.7 U		4.8 U		4.6 U
1-Methylnaphthalene	EPA 8270DSIM		20 U	4.4	4.7 U		21	20		4.7 U		4.8 U		4.6 U
Acenaphthylene	EPA 8270DSIM		20 U	4.4 U	14		14 U	4.8 U		4.7 U		4.8 U		4.6 U
Acenaphthene	EPA 8270DSIM		20 U	4.4 U	4.7 U		50	47		4.7 U		4.8 U		4.6 U
Fluorene	EPA 8270DSIM		20 U	4.4 U	4.7 U		33	32		4.7 U		4.8 U		4.6 U
Phenanthrene	EPA 8270DSIM		30	5.8	51		390	370		4.7 U		6.2		4.6 U
Anthracene	EPA 8270DSIM		20 U	4.4 U	11		67	71		4.7 U		4.8 U		4.6 U
Fluoranthene	EPA 8270DSIM		22	4.4 U	85		420	420		4.7 U		7.1		4.6 U
Pyrene	EPA 8270DSIM		22	4.4 U	100		560	490 E		4.7 U		8.1		4.6 U
Benzo(a)anthracene	EPA 8270DSIM		20 U	4.4 U	53		200	210		4.7 U		4.8		4.6 U
Chrysene	EPA 8270DSIM		20 U	4.4 U	53		280	280		4.7 U		5.2		4.6 U
Benzo(b)fluoranthene	EPA 8270DSIM		20 U	4.4 U	50		240	250		4.7 U		5.2		4.6 U
Benzo(k)fluoranthene	EPA 8270DSIM		20 U	4.4 U	47		260	220		4.7 U		4.8 U		4.6 U
Benzo(a)pyrene	EPA 8270DSIM		20 U	4.4 U	66		270	260		4.7 U		4.8 U		4.6 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM		20 U	4.4 U	36		160	150		4.7 U		4.8 U		4.6 U
Dibenz(a,h)anthracene	EPA 8270DSIM		20 U	4.4 U	9		54	55		4.7 U		4.8 U		4.6 U
Benzo(g,h,i)perylene	EPA 8270DSIM		20 U	4.4 U	45		220	200		4.7 U		4.8 U		4.6 U
Dibenzofuran	EPA 8270DSIM		20 U	4.4 U	4.7 U		14 U	9		4.7 U		4.8 U		4.6 U
PCBs (µg/kg)														
Aroclor 1016	EPA 8082													
Aroclor 1242	EPA 8082													

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-073 4 - 5 2-40-DP-73-04-S-0 Dilution 6/25/2008	2-40-DP-073 4 - 5 2-40-DP-73-04-S-0 6/25/2008	2-40-DP-073 9 - 10 2-40-DP-73-09-S-0 6/25/2008	2-40-DP-074 0 - 1 2-40-DP-74-01-S-0 7/2/2008	2-40-DP-074 0 - 1 2-40-DP-74-01-S-0 Reextract 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 Dilution 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 7/2/2008	2-40-DP-074 4 - 5 2-40-DP-74-04-S-0 Reextract 7/2/2008	2-40-DP-074 9 - 10 2-40-DP-74-09-S-0 7/2/2008	2-40-DP-074 9 - 10 2-40-DP-74-09-S-0 Reextract 7/2/2008	2-40-DP-075 0 - 1 2-40-DP-75-01-S-0 7/1/2008	2-40-DP-075 0 - 1 2-40-DP-75-01-S-0 Reextract 7/1/2008	2-40-DP-075 4 - 5 2-40-DP-75-04-S-0 7/1/2008
Aroclor 1248	EPA 8082													
Aroclor 1254	EPA 8082													
Aroclor 1260	EPA 8082													
Aroclor 1221	EPA 8082													
Aroclor 1232	EPA 8082													
Aroclor 1262	EPA 8082													
Aroclor 1268	EPA 8082													
Total PCB	EPA 8082													
Inorganics (mg/kg)														
Aluminum	EPA 6010B		13200	10500	14600			8870		18200		10700		9730
Antimony	EPA 6010B		6 UJ	6 UJ	5 UJ			5 UJ		6 UJ		5 UJ		5 UJ
Arsenic	EPA 6010B		6 U	6 U	5 U			5 U		6 U		5 U		5 U
Barium	EPA 6010B		149	37.1	51.9			28.2		70.2		37.3		31.6
Beryllium	EPA 6010B		0.4	0.1 U	0.2			0.1 U		0.2		0.1		0.1 U
Cadmium	EPA 6010B		0.2 U	0.3 U	0.2 U			0.2 U		0.3 U		0.2 U		0.2 U
Calcium	EPA 6010B		10400	4750	6970			4120		6740		4290		3900
Chromium	EPA 6010B		17.5	13.4	16			11.3		21		15.4		13.5
Cobalt	EPA 6010B		7.6	4.6	6.9			5		7.8		5.5		5.2
Copper	EPA 6010B		36.4	14.2	23			11.1		28.4		13.9		10.4
Iron	EPA 6010B		14100	13700	19100			13400		21100		14600		13600
Lead	EPA 6010B		10	3 U	3			4		3		3		2 U
Magnesium	EPA 6010B		2780	2300	5410			2670		3940		2940		2720
Manganese	EPA 6010B		262	144	288			170		271		155		161
Mercury	EPA 7471A		0.06	0.06 U	0.04 U			0.04 U		0.07 U		0.05 U		0.04 U
Molybdenum	EPA 6010B		2	0.9	1.4			1		1.4		1		0.9
Nickel	EPA 6010B		21	9	17			9		16		11		10
Selenium	EPA 6010B		6 U	6 U	5 U			5 U		6 U		5 U		5 U
Silver	EPA 6010B		0.3 U	0.4 U	0.3 U			0.3 U		0.4 U		0.3 U		0.3 U
Thallium	EPA 7841		0.1 U	0.1 U	0.1 U			0.1 U		0.1 U		0.1		0.1 U
Tin	EPA 6010B		1 U	1 U	1 U			1 U		1 U		1 U		1 U
Vanadium	EPA 6010B		55.7	50.1	44.3			43		61.7		47.2		43.8
Zinc	EPA 6010B		62	25	35			30		34		32		29
Cyanide	EPA 335.2		6.1	0.676	0.046 U			0.403		2.16		0.051 U		0.05 U
Chromium(VI)	SM3500CrD													
Total Solids (%)	EPA 160.3		82.5	78.5	95.9			95.6		71		96.1		96.8
Total Organic Carbon (%)	Plumb 1981													
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx		6.5 U	7 U										
TPH - Diesel Range	NWTPH-Dx-Cleaned		210 J	6.1 U										
TPH - Motor Oil Range	NWTPH-Dx-Cleaned		160	12 U										

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-075 4 - 5 2-40-DP-75-04-S-0 Reextract 7/1/2008	2-40-DP-075 9 - 10 2-40-DP-75-09-S-0 7/1/2008	2-40-DP-075 9 - 10 2-40-DP-75-09-S-0 Reextract 7/1/2008	2-40-DP-076 0 - 1 2-40-DP-76-01-S-0 6/5/2008	2-40-DP-076 0 - 1 2-40-DP-76-01-S-0 Reextract 6/5/2008	2-40-DP-076 4 - 5 2-40-DP-76-04-S-0 6/5/2008	2-40-DP-076 9 - 10 2-40-DP-76-09-S-0 6/5/2008	2-40-DP-077 0 - 1 2-40-DP-77-01-S-0 6/2/2008	2-40-DP-077 4 - 5 2-40-DP-77-04-S-0 6/2/2008	2-40-DP-077 9 - 10 2-40-DP-77-09-S-0 6/2/2008	2-40-DP-078 0 - 1 2-40-DP-78-01-S-0 5/28/2008	2-40-DP-078 4 - 5 2-40-DP-78-04-S-0 5/28/2008	2-40-DP-078 9 - 10 2-40-DP-78-09-S-0 5/28/2008	2-40-DP-079 0 - 1 2-40-DP-79-01-S-0 6/24/2008	2-40-DP-079 4 - 5 2-40-DP-79-04-S-0 6/24/2008
VOCs (µg/kg)																
Chloromethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Bromomethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Vinyl Chloride	EPA 8260B		1.4 U		1.9 UJ		2.1 UJ	1.3 UJ	1 UJ	1.2 UJ	1.5 UJ	1.1 UJ	1.2 UJ	1.6 UJ	1 U	1.2 U
Chloroethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Methylene Chloride	EPA 8260B		2.8 U		3.7 U		4.9 U	2.5 U	2 U	3.4 U	2.9 U	2.2 U	2.3 U	3.1 U	2 U	2.8 U
Acetone	EPA 8260B		54 U		47		78	86	27	20	31	26	57	55	32	30
Carbon Disulfide	EPA 8260B		1.4 U		6.9		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	19	1 U	1.2 U
1,1-Dichloroethene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,1-Dichloroethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
trans-1,2-Dichloroethene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
cis-1,2-Dichloroethene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Chloroform	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,2-Dichloroethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
2-Butanone	EPA 8260B		7 U		9.3 U		11 U	7.1	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
1,1,1-Trichloroethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Carbon Tetrachloride	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Vinyl Acetate	EPA 8260B		7 U		9.3 UR		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
Bromodichloromethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,2-Dichloropropane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
cis-1,3-Dichloropropene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Trichloroethene	EPA 8260B		1.4 U		60		28	1.3 U	1 U	1.2 U	1.5 U	4.8	1.2 U	2.9	1 U	1.2 U
Dibromochloromethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,1,2-Trichloroethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Benzene	EPA 8260B		2.1		1.9 U		2.1 U	1.9	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
trans-1,3-Dichloropropene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
2-Chloroethylvinylether	EPA 8260B		7 UR		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
Bromoform	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Methyl isobutyl ketone	EPA 8260B		7 U		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
2-Hexanone	EPA 8260B		7 U		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
Tetrachloroethene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Toluene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Chlorobenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Ethylbenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Styrene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Trichlorofluoromethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B		2.8 U		3.7 U		4.3 U	2.5 U	2 U	2.5 U	2.9 U	2.2 U	2.3 U	3.1 U	2 U	2.4 U
m,p-Xylene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
o-Xylene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,2-Dichlorobenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,3-Dichlorobenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,4-Dichlorobenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Acrolein	EPA 8260B		70 UR		93 U		110 U	63 U	51 U	62 U	73 U	55 U	58 U	78 U	49 U	60 U
Methyl Iodide	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 UJ	1.2 UJ
Bromoethane	EPA 8260B		2.8 U		3.7 U		4.3 U	2.5 U	2 U	2.5 U	2.9 U	2.2 U	2.3 U	3.1 U	2 U	2.4 U
Acrylonitrile	EPA 8260B		7 U		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
1,1-Dichloropropene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Dibromomethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B		7 U		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
1,2,3-Trichloropropane	EPA 8260B		2.8 U		3.7 U		4.3 U	2.5 U	2 U	2.5 U	2.9 U	2.2 U	2.3 U	3.1 U	2 U	2.4 U
trans-1,4-Dichloro-2-butene	EPA 8260B		7 U		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
1,3,5-Trimethylbenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,2,4-Trimethylbenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Hexachlorobutadiene	EPA 8260B		7 U		9.3 UJ		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
Ethylene Dibromide	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Bromochloromethane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
2,2-Dichloropropane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,3-Dichloropropane	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Isopropylbenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
n-Propylbenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
Bromobenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
2-Chlorotoluene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
4-Chlorotoluene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
tert-Butylbenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
sec-Butylbenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
4-Isopropyltoluene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
n-Butylbenzene	EPA 8260B		1.4 U		1.9 U		2.1 U	1.3 U	1 U	1.2 U	1.5 U	1.1 U	1.2 U	1.6 U	1 U	1.2 U
1,2,4-Trichlorobenzene	EPA 8260B		7 U		9.3 UJ		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
Naphthalene	EPA 8260B		7 U		9.3 U		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
1,2,3-Trichlorobenzene	EPA 8260B		7 U		9.3 UJ		11 U	6.3 U	5.1 U	6.2 U	7.3 U	5.5 U	5.8 U	7.8 U	4.9 U	6 U
SVOCs (µg/kg)																
Phenol	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
bis(2-Chloroethyl)ether	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
2-Chlorophenol	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
1,3-Dichlorobenzene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
1,4-Dichlorobenzene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Benzyl Alcohol	EPA 8270D	60 UJ	65 UJ	330 UJ	320 UJ	320 UJ	320 UJ	320 UJ							320 UJ	310 UJ
1,2-Dichlorobenzene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
2-Methylphenol	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-075 4 - 5 2-40-DP-75-04-S-0 Reextract 7/1/2008	2-40-DP-075 9 - 10 2-40-DP-75-09-S-0 7/1/2008	2-40-DP-075 9 - 10 2-40-DP-75-09-S-0 Reextract 7/1/2008	2-40-DP-076 0 - 1 2-40-DP-76-01-S-0 6/5/2008	2-40-DP-076 0 - 1 2-40-DP-76-01-S-0 Reextract 6/5/2008	2-40-DP-076 4 - 5 2-40-DP-76-04-S-0 6/5/2008	2-40-DP-076 9 - 10 2-40-DP-76-09-S-0 6/5/2008	2-40-DP-077 0 - 1 2-40-DP-77-01-S-0 6/2/2008	2-40-DP-077 4 - 5 2-40-DP-77-04-S-0 6/2/2008	2-40-DP-077 9 - 10 2-40-DP-77-09-S-0 6/2/2008	2-40-DP-078 0 - 1 2-40-DP-78-01-S-0 5/28/2008	2-40-DP-078 4 - 5 2-40-DP-78-04-S-0 5/28/2008	2-40-DP-078 9 - 10 2-40-DP-78-09-S-0 5/28/2008	2-40-DP-079 0 - 1 2-40-DP-79-01-S-0 6/24/2008	2-40-DP-079 4 - 5 2-40-DP-79-04-S-0 6/24/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 UJ	64 UJ	64 UJ							63 U	63 U
4-Methylphenol	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
N-Nitroso-Di-N-Propylamine	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
Hexachloroethane	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Nitrobenzene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Isophorone	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
2-Nitrophenol	EPA 8270D	60 UJ	65 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
2,4-Dimethylphenol	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Benzoic Acid	EPA 8270D	600 UJ	650 UR	650 UJ	640 UJ	640 U	640 U	640 U							630 UJ	630 UJ
bis(2-Chloroethoxy)methane	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
2,4-Dichlorophenol	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
1,2,4-Trichlorobenzene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Naphthalene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
4-Chloroaniline	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
Hexachlorobutadiene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
4-Chloro-3-methylphenol	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
2-Methylnaphthalene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Hexachlorocyclopentadiene	EPA 8270D	300 UJ	320 UR	330 UR	320 UJ	320 U	320 U	320 U							320 U	310 U
2,4,6-Trichlorophenol	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
2,4,5-Trichlorophenol	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
2-Chloronaphthalene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
2-Nitroaniline	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
Dimethylphthalate	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Acenaphthylene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
3-Nitroaniline	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
Acenaphthene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
2,4-Dinitrophenol	EPA 8270D	600 UJ	650 UR	650 UJ	640 UJ	640 UJ	640 UJ	640 UJ							630 UJ	630 UJ
4-Nitrophenol	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 UJ	310 UJ
Dibenzofuran	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
2,6-Dinitrotoluene	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
2,4-Dinitrotoluene	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
Diethylphthalate	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
4-Chlorophenyl-phenylether	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Fluorene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
4-Nitroaniline	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
4,6-Dinitro-2-Methylphenol	EPA 8270D	600 UJ	650 UJ	650 UJ	640 UJ	640 U	640 U	640 U							630 U	630 U
N-Nitrosodiphenylamine	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
4-Bromophenyl-phenylether	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Hexachlorobenzene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Pentachlorophenol	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
Phenanthrene	EPA 8270D	60 UJ	65 UJ	65 UJ	300 J	280	64 U	64 U							63 U	63 U
Carbazole	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Anthracene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Di-n-Butylphthalate	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Fluoranthene	EPA 8270D	60 UJ	65 UJ	65 UJ	160 J	160	64 U	64 U							63 U	63 U
Pyrene	EPA 8270D	60 UJ	65 UJ	65 UJ	140 J	140	64 U	64 U							63 U	63 U
Butylbenzylphthalate	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
3,3'-Dichlorobenzidine	EPA 8270D	300 UJ	320 UJ	330 UJ	320 UJ	320 U	320 U	320 U							320 U	310 U
Benzo(a)anthracene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
bis(2-Ethylhexyl)phthalate	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Chrysene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Di-n-octylphthalate	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Benzo(b)fluoranthene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Benzo(k)fluoranthene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Benzo(a)pyrene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Indeno(1,2,3-cd)pyrene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Dibenz(a,h)anthracene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Benzo(g,h,i)perylene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
1-Methylnaphthalene	EPA 8270D	60 UJ	65 UJ	65 UJ	64 UJ	64 U	64 U	64 U							63 U	63 U
Naphthalene	EPA 8270DSIM		27		18		4.8 U	4.8 U							4.8 U	4.9 U
2-Methylnaphthalene	EPA 8270DSIM		9.6		17		4.8 U	4.8 U							4.8 U	4.9 U
1-Methylnaphthalene	EPA 8270DSIM		6.7		9.8		4.8 U	4.8 U							4.8 U	4.9 U
Acenaphthylene	EPA 8270DSIM		4.8 U		7.4		4.8 U	4.8 U							4.8 U	4.9 U
Acenaphthene	EPA 8270DSIM		4.8		4.9 U		4.8 U	4.8 U							4.8 U	4.9 U
Fluorene	EPA 8270DSIM		6.7		4.9 U		4.8 U	4.8 U							4.8 U	4.9 U
Phenanthrene	EPA 8270DSIM		24		310		4.8 U	16							4.8 U	4.9 U
Anthracene	EPA 8270DSIM		4.8		5.4		4.8 U	4.8 U							4.8 U	4.9 U
Fluoranthene	EPA 8270DSIM		24		180		4.8 U	22							4.8 U	4.9 U
Pyrene	EPA 8270DSIM		22		140		4.8 U	26							4.8 U	4.9 U
Benzo(a)anthracene	EPA 8270DSIM		6.7		53		4.8 U	11							4.8 U	4.9 U
Chrysene	EPA 8270DSIM		9.1		61		4.8 U	15							4.8 U	4.9 U
Benzo(b)fluoranthene	EPA 8270DSIM		6.7		40		4.8 U	11							4.8 U	4.9 U
Benzo(k)fluoranthene	EPA 8270DSIM		6.7		50		4.8 U	8.7							4.8 U	4.9 U
Benzo(a)pyrene	EPA 8270DSIM		6.2		13		4.8 U	9.7							4.8 U	4.9 U
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM		4.8 U		26		4.8 U	7.3							4.8 U	4.9 U
Dibenz(a,h)anthracene	EPA 8270DSIM		4.8 U		7.8		4.8 U	4.8 U							4.8 U	4.9 U
Benzo(g,h,i)perylene	EPA 8270DSIM		5.3		28		4.8 U	11							4.8 U	4.9 U
Dibenzofuran	EPA 8270DSIM		6.2		31		4.8 U	4.8 U							4.8 U	4.9 U
PCBs (µg/kg)																
Aroclor 1016	EPA 8082															
Aroclor 1242	EPA 8082															

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-075 4 - 5 2-40-DP-75-04-S-0 Reextract 7/1/2008	2-40-DP-075 9 - 10 2-40-DP-75-09-S-0 7/1/2008	2-40-DP-075 9 - 10 2-40-DP-75-09-S-0 Reextract 7/1/2008	2-40-DP-076 0 - 1 2-40-DP-76-01-S-0 6/5/2008	2-40-DP-076 0 - 1 2-40-DP-76-01-S-0 Reextract 6/5/2008	2-40-DP-076 4 - 5 2-40-DP-76-04-S-0 6/5/2008	2-40-DP-076 9 - 10 2-40-DP-76-09-S-0 6/5/2008	2-40-DP-077 0 - 1 2-40-DP-77-01-S-0 6/2/2008	2-40-DP-077 4 - 5 2-40-DP-77-04-S-0 6/2/2008	2-40-DP-077 9 - 10 2-40-DP-77-09-S-0 6/2/2008	2-40-DP-078 0 - 1 2-40-DP-78-01-S-0 5/28/2008	2-40-DP-078 4 - 5 2-40-DP-78-04-S-0 5/28/2008	2-40-DP-078 9 - 10 2-40-DP-78-09-S-0 5/28/2008	2-40-DP-079 0 - 1 2-40-DP-79-01-S-0 6/24/2008	2-40-DP-079 4 - 5 2-40-DP-79-04-S-0 6/24/2008
Aroclor 1248	EPA 8082															
Aroclor 1254	EPA 8082															
Aroclor 1260	EPA 8082															
Aroclor 1221	EPA 8082															
Aroclor 1232	EPA 8082															
Aroclor 1262	EPA 8082															
Aroclor 1268	EPA 8082															
Total PCB	EPA 8082															
Inorganics (mg/kg)																
Aluminum	EPA 6010B		17100		8850		4310	12700	11100	9510	8530	10000	11400	12500	9360	7980
Antimony	EPA 6010B		7 UJ		5 UJ		5 UJ	6 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	6 UJ	5 UJ	6 UJ
Arsenic	EPA 6010B		7 U		6		5 U	6 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	6 U
Barium	EPA 6010B		52.6		36.1		17.4	42.2	44.4	33.3	24.6	35.5	45.9	34	26.8	24.5
Beryllium	EPA 6010B		0.2		0.1		0.1 U	0.2	0.1	0.1	0.1 U	0.1	0.1	0.2	0.1	0.1 U
Cadmium	EPA 6010B		0.3 U		0.2 U		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B		5140		12400		2520	4680	4860	4220	4380	4770	4550	5130	4280	3930
Chromium	EPA 6010B		18.4		15.1		6.7	14.9	13.6	12.1	11.9	12.6	15.9	25.4	13.3	10.4
Cobalt	EPA 6010B		5.5		5.8		3.5	4.6	4.6	4.4	4.4	6.2	5.2	9.1	4.6	3.7
Copper	EPA 6010B		24.6		11.9		5.7	18.1	15.1	12.5	10.2	14.3	16	16.4	11.1	10.7
Iron	EPA 6010B		16400		12100		7500	14100	12900	12600	12200	13300	15900	11400	13700	11400
Lead	EPA 6010B		8		3		2 U	7	9 J	16 J	3 J	4	5	2 U	3	8
Magnesium	EPA 6010B		3810		3060		1350	2920	2700	2540	2500	2730	3340	2730	2690	2120
Manganese	EPA 6010B		149		136		68.1	138	133	122	119	137	170	97.7	138	118
Mercury	EPA 7471A		0.06		0.05 U		0.05 U	0.04 U	0.05 U	0.04 U	0.04 U	0.04 U	0.04 U	0.05 U	0.04 U	0.06 U
Molybdenum	EPA 6010B		1.5		1.3		0.5	0.6 U	0.6	0.5	0.5 U	0.5	0.5	0.6 U	0.5 U	0.6 U
Nickel	EPA 6010B		13		11		5	10	10	9	10	10	12	12	9	8
Selenium	EPA 6010B		7 U		5 U		5 U	6 U	5 U	5 U	5 U	5 U	5 U	6 U	5 U	6 U
Silver	EPA 6010B		0.4 U		0.3 U		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U
Thallium	EPA 7841		0.1 U		0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Tin	EPA 6010B		1 U		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B		55.7		36.3		24.9	47.3	42.5	42.5	39.9	40.7	45.5	43.1	42.4	36.8
Zinc	EPA 6010B		42		57		19	34	37	28	25	36	37	32	27	27
Cyanide	EPA 335.2		0.067		0.051 U		0.049 U	0.055 U	0.055 U	0.055 U	0.051 U	0.052 U	0.07	0.06 U	0.053 U	0.059
Chromium(VI)	SM3500CrD				0.413 UJ		0.416 UJ	0.47 UJ								
Total Solids (%)	EPA 160.3		72.2		96.8		96.2	83.4	90	90.7	94.5	91.3	90.7	81.9	93.2	79.7
Total Organic Carbon (%)	Plumb 1981															
Petroleum Hydrocarbons (mg/kg)																
TPH - Gasoline Range	NWTPH-Gx															
TPH - Diesel Range	NWTPH-Dx-Cleaned															
TPH - Motor Oil Range	NWTPH-Dx-Cleaned															

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-079 9 - 10 2-40-DP-79-09-S-0 6/24/2008	2-40-DP-080 0 - 1 2-40-DP-80-01-S-0 6/9/2008	2-40-DP-080 4 - 5 2-40-DP-80-04-S-0 6/9/2008	2-40-DP-080 9 - 10 2-40-DP-80-09-S-0 6/9/2008	2-40-DP-081 0 - 1 2-40-DP-81-01-S-0 6/6/2008	2-40-DP-081 4 - 5 2-40-DP-81-04-S-0 6/6/2008	2-40-DP-081 9 - 10 2-40-DP-81-09-S-0 6/6/2008	2-40-DP-081 9 - 10 2-40-DP-81-09-S-0 Reanalysis 6/6/2008	2-40-DP-082 0 - 1 2-40-DP-82-01-S-0 6/13/2008	2-40-DP-082 4 - 5 2-40-DP-82-04-S-0 6/13/2008	2-40-DP-082 9 - 10 2-40-DP-82-09-S-0 6/13/2008	2-40-DP-083 0 - 1 2-40-DP-83-01-S-0 6/3/2008	2-40-DP-083 0 - 1 2-40-DP-83-01-S-0 Reanalysis 6/3/2008	2-40-DP-083 4 - 5 2-40-DP-83-04-S-0 6/3/2008	2-40-DP-083 9 - 10 2-40-DP-83-09-S-0 6/3/2008
VOCs (µg/kg)																
Chloromethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Bromomethane	EPA 8260B	1.4 U	0.9 UJ	1.1 UJ	1.2 UJ	1.6 UJ	1.2 UJ	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Vinyl Chloride	EPA 8260B	1.4 U	0.9 UJ	1.1 UJ	1.2 UJ	1.6 UJ	1.2 UJ	1.5 UJ	1.4 UJ	1 UJ	1.2 UJ	1.2 UJ	0.9 UJ	1.1 UJ	1.6 UJ	1.3 UJ
Chloroethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 UJ	1.2 UJ	1.2 UJ	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Methylene Chloride	EPA 8260B	2.8 U	1.8 U	2.3 U	2.4 U	3.3 U	2.5 U	2.9 U	2.9 U	2.1 U	2.4 U	2.4 U	2.1 U	4.1 U	3.3 U	2.7 U
Acetone	EPA 8260B	49	24	25	22	91	26	160	210	28	17	62	730 J	650 J	36	44
Carbon Disulfide	EPA 8260B	3.6	3.8	1.1 U	1.2 U	1.6 U	1.2 U	12	1.4 U	1 U	1.2 U	2	0.9 UJ	1.1 UJ	1.6 U	4.5
1,1-Dichloroethene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,1-Dichloroethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
trans-1,2-Dichloroethene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
cis-1,2-Dichloroethene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Chloroform	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,2-Dichloroethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
2-Butanone	EPA 8260B	10	4.5 U	5.7 U	6 U	8.2 U	6.2 U	12	15	5.2 U	6 U	11	180 J	140 J	8.3 U	6.6 U
1,1,1-Trichloroethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Carbon Tetrachloride	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Vinyl Acetate	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 U	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
Bromodichloromethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,2-Dichloropropane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
cis-1,3-Dichloropropene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Trichloroethene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	2.2 J	1.5 J	1.6 U	1.3 U
Dibromochloromethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,1,2-Trichloroethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Benzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.8	1.5 U	1.4 U	1.1	1.2 U	7.1	1.2 J	1.1 UJ	1.6 U	1.7
trans-1,3-Dichloropropene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
2-Chloroethylvinylether	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 U	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
Bromoform	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Methyl isobutyl ketone	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 U	7.2 U	5.2 U	6 U	6 U	5.2 J	5.3 UJ	8.3 U	6.6 U
2-Hexanone	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 U	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
Tetrachloroethene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Toluene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.4	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Chlorobenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Ethylbenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Styrene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Trichlorofluoromethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.8 U	1.8 U	2.3 U	2.4 U	3.3 U	2.5 U	2.9 U	2.9 U	2.1 U	2.4 U	2.4 U	1.9 UJ	2.1 UJ	3.3 U	2.7 U
m,p-Xylene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
o-Xylene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,2-Dichlorobenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,3-Dichlorobenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,4-Dichlorobenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Acrolein	EPA 8260B	70 U	45 U	57 U	60 U	82 U	62 U	73 U	72 U	52 U	60 U	60 U	47 UJ	53 UJ	83 U	66 U
Methyl Iodide	EPA 8260B	1.4 UJ	0.9 UJ	1.1 UJ	1.2 UJ	1.6 U	1.2 U	1.5 U	1.4 UJ	1 UJ	1.2 UJ	1.2 UJ	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Bromoethane	EPA 8260B	2.8 U	1.8 U	2.3 U	2.4 U	3.3 U	2.5 U	2.9 U	2.9 UJ	2.1 U	2.4 U	2.4 U	1.9 UJ	2.1 UJ	3.3 U	2.7 U
Acrylonitrile	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 U	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
1,1-Dichloropropene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Dibromomethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,2-Dibromo-3-chloropropane	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 UJ	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
1,2,3-Trichloropropane	EPA 8260B	2.8 U	1.8 U	2.3 U	2.4 U	3.3 U	2.5 U	2.9 UJ	2.9 U	2.1 U	2.4 U	2.4 U	1.9 UJ	2.1 UJ	3.3 U	2.7 U
trans-1,4-Dichloro-2-butene	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 UJ	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
1,3,5-Trimethylbenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,2,4-Trimethylbenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Hexachlorobutadiene	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 UJ	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
Ethylene Dibromide	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Bromochloromethane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
2,2-Dichloropropane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,3-Dichloropropane	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 U	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Isopropylbenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
n-Propylbenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
Bromobenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
2-Chlorotoluene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
4-Chlorotoluene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
tert-Butylbenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
sec-Butylbenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
4-Isopropyltoluene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
n-Butylbenzene	EPA 8260B	1.4 U	0.9 U	1.1 U	1.2 U	1.6 U	1.2 U	1.5 UJ	1.4 U	1 U	1.2 U	1.2 U	0.9 UJ	1.1 UJ	1.6 U	1.3 U
1,2,4-Trichlorobenzene	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 UJ	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
Naphthalene	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 UJ	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
1,2,3-Trichlorobenzene	EPA 8260B	7 U	4.5 U	5.7 U	6 U	8.2 U	6.2 U	7.3 UJ	7.2 U	5.2 U	6 U	6 U	4.7 UJ	5.3 UJ	8.3 U	6.6 U
SVOCs (µg/kg)																
Phenol	EPA 8270D	65 U				65 U	64 U	66 U								
bis(2-Chloroethyl)ether	EPA 8270D	65 U				65 U	64 U	66 U								
2-Chlorophenol	EPA 8270D	65 U				65 U	64 U	66 U								
1,3-Dichlorobenzene	EPA 8270D	65 U				65 U	64 U	66 U								
1,4-Dichlorobenzene	EPA 8270D	65 U				65 U	64 U	66 U								
Benzyl Alcohol	EPA 8270D	330 UJ				320 UJ	320 UJ	330 UJ								
1,2-Dichlorobenzene	EPA 8270D	65 U				65 U	64 U	66 U								
2-Methylphenol	EPA 8270D	65 U				65 U	64 U	66 U								

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-079 9 - 10 2-40-DP-79-09-S-0 6/24/2008	2-40-DP-080 0 - 1 2-40-DP-80-01-S-0 6/9/2008	2-40-DP-080 4 - 5 2-40-DP-80-04-S-0 6/9/2008	2-40-DP-080 9 - 10 2-40-DP-80-09-S-0 6/9/2008	2-40-DP-081 0 - 1 2-40-DP-81-01-S-0 6/6/2008	2-40-DP-081 4 - 5 2-40-DP-81-04-S-0 6/6/2008	2-40-DP-081 9 - 10 2-40-DP-81-09-S-0 6/6/2008	2-40-DP-081 9 - 10 2-40-DP-81-09-S-0 Reanalysis 6/6/2008	2-40-DP-082 0 - 1 2-40-DP-82-01-S-0 6/13/2008	2-40-DP-082 4 - 5 2-40-DP-82-04-S-0 6/13/2008	2-40-DP-082 9 - 10 2-40-DP-82-09-S-0 6/13/2008	2-40-DP-083 0 - 1 2-40-DP-83-01-S-0 6/3/2008	2-40-DP-083 0 - 1 2-40-DP-83-01-S-0 Reanalysis 6/3/2008	2-40-DP-083 4 - 5 2-40-DP-83-04-S-0 6/3/2008	2-40-DP-083 9 - 10 2-40-DP-83-09-S-0 6/3/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	65 U				65 UJ	64 UJ	66 UJ								
4-Methylphenol	EPA 8270D	65 U				65 U	64 U	66 U								
N-Nitroso-Di-N-Propylamine	EPA 8270D	330 U				320 U	320 U	330 U								
Hexachloroethane	EPA 8270D	65 U				65 U	64 U	66 U								
Nitrobenzene	EPA 8270D	65 U				65 U	64 U	66 U								
Isophorone	EPA 8270D	65 U				65 U	64 U	66 U								
2-Nitrophenol	EPA 8270D	330 U				320 U	320 U	330 U								
2,4-Dimethylphenol	EPA 8270D	65 U				65 U	64 U	66 U								
Benzoic Acid	EPA 8270D	650 UJ				650 U	640 U	660 U								
bis(2-Chloroethoxy)methane	EPA 8270D	65 U				65 U	64 U	66 U								
2,4-Dichlorophenol	EPA 8270D	330 U				320 U	320 U	330 U								
1,2,4-Trichlorobenzene	EPA 8270D	65 U				65 U	64 U	66 U								
Naphthalene	EPA 8270D	65 U				65 U	64 U	66 U								
4-Chloroaniline	EPA 8270D	330 U				320 U	320 U	330 U								
Hexachlorobutadiene	EPA 8270D	65 U				65 U	64 U	66 U								
4-Chloro-3-methylphenol	EPA 8270D	330 U				320 U	320 U	330 U								
2-Methylnaphthalene	EPA 8270D	65 U				65 U	64 U	66 U								
Hexachlorocyclopentadiene	EPA 8270D	330 U				320 U	320 U	330 U								
2,4,6-Trichlorophenol	EPA 8270D	330 U				320 U	320 U	330 U								
2,4,5-Trichlorophenol	EPA 8270D	330 U				320 U	320 U	330 U								
2-Chloronaphthalene	EPA 8270D	65 U				65 U	64 U	66 U								
2-Nitroaniline	EPA 8270D	330 U				320 U	320 U	330 U								
Dimethylphthalate	EPA 8270D	65 U				65 U	64 U	66 U								
Acenaphthylene	EPA 8270D	65 U				65 U	64 U	66 U								
3-Nitroaniline	EPA 8270D	330 U				320 U	320 U	330 U								
Acenaphthene	EPA 8270D	65 U				65 U	64 U	66 U								
2,4-Dinitrophenol	EPA 8270D	650 UJ				650 U	640 U	660 U								
4-Nitrophenol	EPA 8270D	330 UJ				320 U	320 U	330 U								
Dibenzofuran	EPA 8270D	65 U				65 U	64 U	66 U								
2,6-Dinitrotoluene	EPA 8270D	330 U				320 U	320 U	330 U								
2,4-Dinitrotoluene	EPA 8270D	330 U				320 U	320 U	330 U								
Diethylphthalate	EPA 8270D	65 U				65 U	64 U	66 U								
4-Chlorophenyl-phenylether	EPA 8270D	65 U				65 U	64 U	66 U								
Fluorene	EPA 8270D	65 U				65 U	64 U	66 U								
4-Nitroaniline	EPA 8270D	330 U				320 U	320 U	330 U								
4,6-Dinitro-2-Methylphenol	EPA 8270D	650 U				650 U	640 U	660 U								
N-Nitrosodiphenylamine	EPA 8270D	65 U				65 U	64 U	66 U								
4-Bromophenyl-phenylether	EPA 8270D	65 U				65 U	64 U	66 U								
Hexachlorobenzene	EPA 8270D	65 U				65 U	64 U	66 U								
Pentachlorophenol	EPA 8270D	330 U				320 U	320 U	330 U								
Phenanthrene	EPA 8270D	65 U				65 U	64 U	66 U								
Carbazole	EPA 8270D	65 U				65 U	64 U	66 U								
Anthracene	EPA 8270D	65 U				65 U	64 U	66 U								
Di-n-Butylphthalate	EPA 8270D	65 U				65 U	64 U	66 U								
Fluoranthene	EPA 8270D	65 U				65 U	64 U	66 U								
Pyrene	EPA 8270D	65 U				65 U	64 U	66 U								
Butylbenzylphthalate	EPA 8270D	65 U				65 U	64 U	66 U								
3,3'-Dichlorobenzidine	EPA 8270D	330 U				320 U	320 U	330 U								
Benzo(a)anthracene	EPA 8270D	65 U				65 U	64 U	66 U								
bis(2-Ethylhexyl)phthalate	EPA 8270D	65 U				65 U	64 U	66 U								
Chrysene	EPA 8270D	65 U				65 U	64 U	66 U								
Di-n-octylphthalate	EPA 8270D	65 U				65 U	64 U	66 U								
Benzo(b)fluoranthene	EPA 8270D	65 U				65 U	64 U	66 U								
Benzo(k)fluoranthene	EPA 8270D	65 U				65 U	64 U	66 U								
Benzo(a)pyrene	EPA 8270D	65 U				65 U	64 U	66 U								
Indeno(1,2,3-cd)pyrene	EPA 8270D	65 U				65 U	64 U	66 U								
Dibenz(a,h)anthracene	EPA 8270D	65 U				65 U	64 U	66 U								
Benzo(g,h,i)perylene	EPA 8270D	65 U				65 U	64 U	66 U								
1-Methylnaphthalene	EPA 8270D	65 U				65 U	64 U	66 U								
Naphthalene	EPA 8270DSIM	4.8 U				5 U	7.8	4.8 U								
2-Methylnaphthalene	EPA 8270DSIM	4.8 U				5 U	4.9	4.8 U								
1-Methylnaphthalene	EPA 8270DSIM	4.8 U				5 U	4.9 U	4.8 U								
Acenaphthylene	EPA 8270DSIM	4.8 U				5 U	4.9 U	4.8 U								
Acenaphthene	EPA 8270DSIM	4.8 U				5 U	4.9 U	4.8 U								
Fluorene	EPA 8270DSIM	4.8 U				5 U	4.9 U	4.8 U								
Phenanthrene	EPA 8270DSIM	4.8 U				5 U	15	14								
Anthracene	EPA 8270DSIM	4.8 U				5 U	4.9 U	4.8 U								
Fluoranthene	EPA 8270DSIM	4.8 U				5 U	14	6.7								
Pyrene	EPA 8270DSIM	4.8 U				5 U	17	5.7								
Benzo(a)anthracene	EPA 8270DSIM	4.8 U				5 U	6.9	4.8 U								
Chrysene	EPA 8270DSIM	4.8 U				5 U	10	4.8 U								
Benzo(b)fluoranthene	EPA 8270DSIM	4.8 U				5 U	10	4.8 U								
Benzo(k)fluoranthene	EPA 8270DSIM	4.8 U				5 U	11 Y	4.8 U								
Benzo(a)pyrene	EPA 8270DSIM	4.8 U				5 U	13	4.8 U								
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	4.8 U				5 U	4.9 U	4.8 U								
Dibenz(a,h)anthracene	EPA 8270DSIM	4.8 U				5 U	4.9 U	4.8 U								
Benzo(g,h,i)perylene	EPA 8270DSIM	4.8 U				5 U	6.9	4.8 U								
Dibenzofuran	EPA 8270DSIM	4.8 U				5 U	4.9 U	4.8 U								
PCBs (µg/kg)																
Aroclor 1016	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Aroclor 1242	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-079 9 - 10 2-40-DP-79-09-S-0 6/24/2008	2-40-DP-080 0 - 1 2-40-DP-80-01-S-0 6/9/2008	2-40-DP-080 4 - 5 2-40-DP-80-04-S-0 6/9/2008	2-40-DP-080 9 - 10 2-40-DP-80-09-S-0 6/9/2008	2-40-DP-081 0 - 1 2-40-DP-81-01-S-0 6/6/2008	2-40-DP-081 4 - 5 2-40-DP-81-04-S-0 6/6/2008	2-40-DP-081 9 - 10 2-40-DP-81-09-S-0 6/6/2008	2-40-DP-081 9 - 10 2-40-DP-81-09-S-0 Reanalysis 6/6/2008	2-40-DP-082 0 - 1 2-40-DP-82-01-S-0 6/13/2008	2-40-DP-082 4 - 5 2-40-DP-82-04-S-0 6/13/2008	2-40-DP-082 9 - 10 2-40-DP-82-09-S-0 6/13/2008	2-40-DP-083 0 - 1 2-40-DP-83-01-S-0 6/3/2008	2-40-DP-083 0 - 1 2-40-DP-83-01-S-0 Reanalysis 6/3/2008	2-40-DP-083 4 - 5 2-40-DP-83-04-S-0 6/3/2008	2-40-DP-083 9 - 10 2-40-DP-83-09-S-0 6/3/2008
Aroclor 1248	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Aroclor 1254	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Aroclor 1260	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Aroclor 1221	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Aroclor 1232	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Aroclor 1262	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Aroclor 1268	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Total PCB	EPA 8082		33 U	33 U	33 U								33 U		32 U	33 U
Inorganics (mg/kg)																
Aluminum	EPA 6010B	11200	14000	13200	12200	12500	5030	5050		10200	8790	19200	9100		9170	16900
Antimony	EPA 6010B	7 UJ	5 UJ	6 UJ	6 UJ	5 UJ	5 UJ	6 UJ		5 UJ	5 UJ	7 UJ	5 UJ		5 UJ	7 UJ
Arsenic	EPA 6010B	7 U	5 U	6 U	6 U	5 U	5 U	6 U		5 U	5 U	7	5 U		5 U	7 U
Barium	EPA 6010B	37.1	48.5 J	47.2 J	44 J	44.7	15.7	20.6		35.4	26.8	79.6	31.7		30.1	62.2
Beryllium	EPA 6010B	0.1 U	0.2	0.2	0.2	0.2	0.1 U	0.1 U		0.1	0.1	0.3	0.1		0.1	0.2
Cadmium	EPA 6010B	0.3 U	0.2 UJ	0.2 UJ	0.2 UJ	0.2 U	0.2 U	0.2 U		0.2 U	0.2 U	0.3 U	1		0.2 U	0.3 U
Calcium	EPA 6010B	4380	5710	5470	5250	3480	2400	1760		4270	3780	5410	4850		4060	5400
Chromium	EPA 6010B	12.9	17.7	16	15.4	27.2	8.5	7.1		13.3	13.1	20.6	12.5		14.2	19.7
Cobalt	EPA 6010B	3.7	5.6	6.5	5.5	6.4	3	2.6		4.9	4.8	5.8	11.6		4.7	7.1
Copper	EPA 6010B	17.9	20	18.9	16.7	11.7	6.2	7.2		12.8	11.6	26.8	15.1		10.8	23.8
Iron	EPA 6010B	11200	17000	17300	14700	15400	8950	7700		14900	13900	17800	13700		12800	20100
Lead	EPA 6010B	3 U	7	5	5	3	2	2 U		5	3	13	5		2	6
Magnesium	EPA 6010B	2140	4040	3780	3200	5750	1520	1400		2920	2640	4620	3010		2680	4670
Manganese	EPA 6010B	85.9	176	183	154	259	81.1	71.2		144	137	204	138		126	221
Mercury	EPA 7471A	0.05 U	0.04 J	0.04 UJ	0.05 J	0.04 U	0.05 U	0.05		0.04 U	0.04 U	0.07	0.04		0.05 U	0.07
Molybdenum	EPA 6010B	0.7 U	0.5 U	0.6 U	0.6 U	0.5 U	0.6	0.6 U		0.5 U	0.5 U	0.7 U	0.5 U		0.5	0.7 U
Nickel	EPA 6010B	8	13	13	11	37	5	5		9	9	14	10		9	15
Selenium	EPA 6010B	7 U	5 U	6 U	6 U	5 U	5 U	6 U		5 U	5 U	7 U	5 U		5 U	7 U
Silver	EPA 6010B	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.4 U		0.3 U	0.3 U	0.4 U	1.1		0.3 U	0.4 U
Thallium	EPA 7841	0.1 U	0.1	0.1	0.1	0.1 U	0.1 U	0.1 U		0.1 U	0.09 U	0.1 U	0.1 U		0.1	0.1
Tin	EPA 6010B	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U	1 U
Vanadium	EPA 6010B	43.9	51.4	52.6	53.8	36.6	29.9	24.4		45.4	43.2	52.6	41.4		39.2	53.1
Zinc	EPA 6010B	21	48	40	34	28	17	15		32	28	51	34		27	45
Cyanide	EPA 335.2	0.067 U	0.057 U	0.059 U	0.055 U	0.05 U	0.048 U	0.053 U		0.149 J	0.051 UJ	0.066 J	0.05 U		0.048 U	0.072 U
Chromium(VI)	SM3500CrD															
Total Solids (%)	EPA 160.3	71.6	84.9	84.5	89.5	96.7	96.1	88.9		93.1	97	73	95.5		96.9	68.9
Total Organic Carbon (%)	Plumb 1981															
Petroleum Hydrocarbons (mg/kg)																
TPH - Gasoline Range	NWTPH-Gx												28 J		6.2 U	9.2 U
TPH - Diesel Range	NWTPH-Dx-Cleaned												16 J		44 J	12 J
TPH - Motor Oil Range	NWTPH-Dx-Cleaned												200		590	35

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-084 0 - 1 2-40-DP-84-01-S-0 5/30/2008	2-40-DP-084 4 - 5 2-40-DP-84-04-S-0 5/30/2008	2-40-DP-084 9 - 10 2-40-DP-84-09-S-0 5/30/2008	2-40-DP-085 0 - 1 2-40-DP-85-01-S-0 7/2/2008	2-40-DP-085 4 - 5 2-40-DP-85-04-S-0 7/2/2008	2-40-DP-085 9 - 10 2-40-DP-85-09-S-0 7/2/2008	2-40-DP-086 0 - 1 2-40-DP-86-01-S-0 6/13/2008	2-40-DP-086 0 - 1 2-40-DP-86-01-S-0 Reextract 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 Reanalysis 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 Reextract 6/13/2008	2-40-DP-086 9 - 10 2-40-DP-86-09-S-0 6/13/2008	2-40-DP-086 9 - 10 2-40-DP-86-09-S-0 Reextract 6/13/2008	2-40-DP-087 0 - 1 2-40-DP-87-01-S-0 6/13/2008
VOCs (µg/kg)															
Chloromethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Bromomethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Vinyl Chloride	EPA 8260B	1.1 UJ	1.2 UJ	1.3 UJ	1.2 U	1.1 U	1.3 U	1 UJ		1 UJ	1 UJ		1 UJ		1 UJ
Chloroethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Methylene Chloride	EPA 8260B	3 U	2.4 U	2.6 U	6.1 U	3.3 U	6.6 U	2 U		2 U	2 U		2 U		1.9 U
Acetone	EPA 8260B	29	12 U	32	6 U	5.5 U	6.5 U	40		18 J	26		21		58
Carbon Disulfide	EPA 8260B	1.1 U	1.2 U	5.5	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,1-Dichloroethene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,1-Dichloroethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
trans-1,2-Dichloroethene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
cis-1,2-Dichloroethene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Chloroform	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,2-Dichloroethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
2-Butanone	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
1,1,1-Trichloroethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Carbon Tetrachloride	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Vinyl Acetate	EPA 8260B	5.4 U	5.9 UJ	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
Bromodichloromethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,2-Dichloropropane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
cis-1,3-Dichloropropene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Trichloroethene	EPA 8260B	1.7	1.2 U	1.3 U	4	1.1 U	5.6	1 U		1 U	1 U		1 U		1 U
Dibromochloromethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,1,2-Trichloroethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Benzene	EPA 8260B	1.5	1.2 U	1.7	1.2 U	1.1 U	1.3 U	1.1		1 U	1 U		1 U		1
trans-1,3-Dichloropropene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
2-Chloroethylvinylether	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
Bromoform	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Methyl isobutyl ketone	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
2-Hexanone	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
Tetrachloroethene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Toluene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.3	1.3 U	1 U		1 U	1 U		1 U		1 U
Chlorobenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Ethylbenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Styrene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Trichlorofluoromethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.2 U	2.4 U	2.6 U	2.4 U	2.2 U	2.6 U	2 U		2 U	2 U		2 U		1.9 U
m,p-Xylene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
o-Xylene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,2-Dichlorobenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,3-Dichlorobenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,4-Dichlorobenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Acrolein	EPA 8260B	54 U	59 U	66 U	60 U	55 U	65 U	50 U		51 U	51 U		50 U		48 U
Methyl Iodide	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Bromoethane	EPA 8260B	2.2 U	2.4 U	2.6 U	2.4 U	2.2 U	2.6 U	2 U		2 U	2 U		2 U		1.9 U
Acrylonitrile	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
1,1-Dichloropropene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Dibromomethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
1,2,3-Trichloropropane	EPA 8260B	2.2 U	2.4 U	2.6 U	2.4 U	2.2 U	2.6 U	2 U		2 U	2 U		2 U		1.9 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
1,3,5-Trimethylbenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,2,4-Trimethylbenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Hexachlorobutadiene	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
Ethylene Dibromide	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Bromochloromethane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
2,2-Dichloropropane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,3-Dichloropropane	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Isopropylbenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
n-Propylbenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
Bromobenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
2-Chlorotoluene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
4-Chlorotoluene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
tert-Butylbenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
sec-Butylbenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
4-Isopropyltoluene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
n-Butylbenzene	EPA 8260B	1.1 U	1.2 U	1.3 U	1.2 U	1.1 U	1.3 U	1 U		1 U	1 U		1 U		1 U
1,2,4-Trichlorobenzene	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
Naphthalene	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
1,2,3-Trichlorobenzene	EPA 8260B	5.4 U	5.9 U	6.6 U	6 U	5.5 U	6.5 U	5 U		5.1 U	5.1 U		5 U		4.8 U
SVOCs (µg/kg)															
Phenol	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
bis(2-Chloroethyl)ether	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
2-Chlorophenol	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
1,3-Dichlorobenzene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
1,4-Dichlorobenzene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Benzyl Alcohol	EPA 8270D							330 UR	320 UJ	330 U		330 UJ	320 UR	320 UR	
1,2-Dichlorobenzene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
2-Methylphenol	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-084 0 - 1 2-40-DP-84-01-S-0 5/30/2008	2-40-DP-084 4 - 5 2-40-DP-84-04-S-0 5/30/2008	2-40-DP-084 9 - 10 2-40-DP-84-09-S-0 5/30/2008	2-40-DP-085 0 - 1 2-40-DP-85-01-S-0 7/2/2008	2-40-DP-085 4 - 5 2-40-DP-85-04-S-0 7/2/2008	2-40-DP-085 9 - 10 2-40-DP-85-09-S-0 7/2/2008	2-40-DP-086 0 - 1 2-40-DP-86-01-S-0 6/13/2008	2-40-DP-086 0 - 1 2-40-DP-86-01-S-0 Reextract 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 Reanalysis 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 Reextract 6/13/2008	2-40-DP-086 9 - 10 2-40-DP-86-09-S-0 6/13/2008	2-40-DP-086 9 - 10 2-40-DP-86-09-S-0 Reextract 6/13/2008	2-40-DP-087 0 - 1 2-40-DP-87-01-S-0 6/13/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
4-Methylphenol	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
N-Nitroso-Di-N-Propylamine	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
Hexachloroethane	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Nitrobenzene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Isophorone	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
2-Nitrophenol	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
2,4-Dimethylphenol	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Benzoic Acid	EPA 8270D							650 U	650 UJ	650 UR		660 UJ	640 U	640 UJ	
bis(2-Chloroethoxy)methane	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
2,4-Dichlorophenol	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
1,2,4-Trichlorobenzene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Naphthalene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
4-Chloroaniline	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
Hexachlorobutadiene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
4-Chloro-3-methylphenol	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
2-Methylnaphthalene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Hexachlorocyclopentadiene	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
2,4,6-Trichlorophenol	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 UJ	320 UJ	
2,4,5-Trichlorophenol	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
2-Chloronaphthalene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
2-Nitroaniline	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
Dimethylphthalate	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Acenaphthylene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
3-Nitroaniline	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
Acenaphthene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
2,4-Dinitrophenol	EPA 8270D							650 UJ	650 UJ	650 UJ		660 UJ	640 UJ	640 UJ	
4-Nitrophenol	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
Dibenzofuran	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
2,6-Dinitrotoluene	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
2,4-Dinitrotoluene	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
Diethylphthalate	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
4-Chlorophenyl-phenylether	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Fluorene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
4-Nitroaniline	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
4,6-Dinitro-2-Methylphenol	EPA 8270D							650 U	650 UJ	650 U		660 UJ	640 U	640 UJ	
N-Nitrosodiphenylamine	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
4-Bromophenyl-phenylether	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Hexachlorobenzene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Pentachlorophenol	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
Phenanthrene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Carbazole	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Anthracene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Di-n-Butylphthalate	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Fluoranthene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Pyrene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Butylbenzylphthalate	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
3,3'-Dichlorobenzidine	EPA 8270D							330 U	320 UJ	330 U		330 UJ	320 U	320 UJ	
Benzo(a)anthracene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
bis(2-Ethylhexyl)phthalate	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Chrysene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Di-n-octylphthalate	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Benzo(b)fluoranthene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Benzo(k)fluoranthene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Benzo(a)pyrene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Indeno(1,2,3-cd)pyrene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Dibenz(a,h)anthracene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Benzo(g,h,i)perylene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
1-Methylnaphthalene	EPA 8270D							65 U	65 UJ	65 U		66 UJ	64 U	64 UJ	
Naphthalene	EPA 8270DSIM							35		4.8 U			5 U		
2-Methylnaphthalene	EPA 8270DSIM							12		4.8 U			5 U		
1-Methylnaphthalene	EPA 8270DSIM							5.8		4.8 U			5 U		
Acenaphthylene	EPA 8270DSIM							74		4.8 U			5 U		
Acenaphthene	EPA 8270DSIM							4.8 U		4.8 U			5 U		
Fluorene	EPA 8270DSIM							4.8 U		4.8 U			5 U		
Phenanthrene	EPA 8270DSIM							160		4.8 U			5 U		
Anthracene	EPA 8270DSIM							42		4.8 U			5 U		
Fluoranthene	EPA 8270DSIM							180		4.8 U			5 U		
Pyrene	EPA 8270DSIM							210		4.8			5 U		
Benzo(a)anthracene	EPA 8270DSIM							75		4.8 U			5 U		
Chrysene	EPA 8270DSIM							170		4.8 U			5 U		
Benzo(b)fluoranthene	EPA 8270DSIM							180		4.8 U			5 U		
Benzo(k)fluoranthene	EPA 8270DSIM							160		4.8 U			5 U		
Benzo(a)pyrene	EPA 8270DSIM							190		4.8 U			5 U		
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM							200		4.8 U			5 U		
Dibenz(a,h)anthracene	EPA 8270DSIM							45		4.8 U			5 U		
Benzo(g,h,i)perylene	EPA 8270DSIM							470		4.8 U			5 U		
Dibenzofuran	EPA 8270DSIM							6.3		4.8 U			5 U		
PCBs (µg/kg)															
Aroclor 1016	EPA 8082														
Aroclor 1242	EPA 8082														

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-084 0 - 1 2-40-DP-84-01-S-0 5/30/2008	2-40-DP-084 4 - 5 2-40-DP-84-04-S-0 5/30/2008	2-40-DP-084 9 - 10 2-40-DP-84-09-S-0 5/30/2008	2-40-DP-085 0 - 1 2-40-DP-85-01-S-0 7/2/2008	2-40-DP-085 4 - 5 2-40-DP-85-04-S-0 7/2/2008	2-40-DP-085 9 - 10 2-40-DP-85-09-S-0 7/2/2008	2-40-DP-086 0 - 1 2-40-DP-86-01-S-0 6/13/2008	2-40-DP-086 0 - 1 2-40-DP-86-01-S-0 Reextract 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 Reanalysis 6/13/2008	2-40-DP-086 4 - 5 2-40-DP-86-04-S-0 Reextract 6/13/2008	2-40-DP-086 9 - 10 2-40-DP-86-09-S-0 6/13/2008	2-40-DP-086 9 - 10 2-40-DP-86-09-S-0 Reextract 6/13/2008	2-40-DP-087 0 - 1 2-40-DP-87-01-S-0 6/13/2008
Aroclor 1248	EPA 8082														
Aroclor 1254	EPA 8082														
Aroclor 1260	EPA 8082														
Aroclor 1221	EPA 8082														
Aroclor 1232	EPA 8082														
Aroclor 1262	EPA 8082														
Aroclor 1268	EPA 8082														
Total PCB	EPA 8082														
Inorganics (mg/kg)															
Aluminum	EPA 6010B	12300	10600	12200	13200	14300	20100	12100		12100			10000		13100
Antimony	EPA 6010B	6 UJ	5 UJ	6 UJ	6 UJ	5 UJ	7 UJ	6 UJ		5 UJ			5 UJ		5 UJ
Arsenic	EPA 6010B	6 U	5 U	6 U	6 U	6	9	6 U		5 U			5 U		8
Barium	EPA 6010B	44.8	37.5	39	43.4	54.5	74.6	43.4		40.3			45.2		51.6
Beryllium	EPA 6010B	0.2	0.1	0.1	0.2	0.2	0.3	0.1		0.1			0.1		0.2
Cadmium	EPA 6010B	0.2 U	0.2 U	0.2 U	0.3	0.3	0.3 U	0.2 U		0.2 U			0.2 U		0.3
Calcium	EPA 6010B	4890	4740	4730	8430	5820	5980	5100		4810			4260		9610
Chromium	EPA 6010B	15.1	15.8	14.6	18.6	18.2	22.2	15.2		19.2			20.2		31.1
Cobalt	EPA 6010B	5.2	6.7	4.8	7.1	7.1	7	5.4		5.5			4.6		7.5
Copper	EPA 6010B	17	12.3	14.2	22.4	23.7	28.6	15.5		15.8			11.7		16.1
Iron	EPA 6010B	15300	14100	13700	16100	16600	22600	15300		15300			13700		16100
Lead	EPA 6010B	9	3	4	9	24	9	6		5			5		11
Magnesium	EPA 6010B	3410	3010	3040	3870	3600	4620	3360		3420			2970		4650
Manganese	EPA 6010B	144	136	130	186	191	229	141		163			145		246
Mercury	EPA 7471A	0.04 U	0.04 U	0.05	0.05 U	0.05 U	0.09	0.05 U		0.05 U			0.04 U		0.05 U
Molybdenum	EPA 6010B	0.6 U	1.4	0.6	1.3	1.1	1.6	0.6		0.5			0.5 U		1.1
Nickel	EPA 6010B	11	10	10	15	13	17	11		14			12		25
Selenium	EPA 6010B	6 U	5 U	6 U	6 U	5 U	7 U	6 U		5 U			5 U		5 U
Silver	EPA 6010B	0.3 U	0.3 U	0.3 U	0.4 U	0.3 U	0.4 U	0.3 U		0.3 U			0.3 U		0.3 U
Thallium	EPA 7841	0.1 U	0.1 U	0.1 U	0.1	0.1	0.1 U	0.1 U		0.1 U			0.1 U		0.1 U
Tin	EPA 6010B	1 U	1 U	1 U	1 U	1 U	1 U	1 U		1 U			1 U		1 U
Vanadium	EPA 6010B	47.8	38.1	42.6	51.9	53.4	63.7	47.8		46.2			44.7		41.6
Zinc	EPA 6010B	35	30	32	44	93	50	38		39			29		66
Cyanide	EPA 335.2	0.095	0.052 U	0.058 U	0.057 UJ	0.055 U	0.093								
Chromium(VI)	SM3500CrD														
Total Solids (%)	EPA 160.3	89.1	92.9	84.2	76.1	88.1	72.5								
Total Organic Carbon (%)	Plumb 1981														
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx	7.5 U	6.8 U	8 U	6.9 J	6.4 U	8.4 U								
TPH - Diesel Range	NWTPH-Dx-Cleaned	14 J	5.2 U	5.7 U	6 U	5.6 U	6.8 U								
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	24	10 U	12 U	14	11 U	14 U								

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-087 4 - 5 2-40-DP-87-04-S-0 6/13/2008	2-40-DP-087 9 - 10 2-40-DP-87-09-S-0 6/13/2008	2-40-DP-088 0 - 1 2-40-DP-88-01-S-0 6/13/2008	2-40-DP-088 4 - 5 2-40-DP-88-04-S-0 6/13/2008	2-40-DP-088 9 - 10 2-40-DP-88-09-S-0 6/13/2008	2-40-DP-089 0 - 1 2-40-DP-89-01-S-0 6/13/2008	2-40-DP-089 4 - 5 2-40-DP-89-04-S-0 6/13/2008	2-40-DP-089 9 - 10 2-40-DP-89-09-S-0 6/13/2008	2-40-DP-090 0 - 1 2-40-DP-90-01-S-0 6/6/2008	2-40-DP-090 4 - 5 2-40-DP-90-04-S-0 6/6/2008	2-40-DP-090 9 - 10 2-40-DP-90-09-S-0 6/6/2008	2-40-DP-091 0 - 1 2-40-DP-91-01-S-0 6/4/2008	2-40-DP-091 4 - 5 2-40-DP-91-04-S-0 6/4/2008	2-40-DP-091 9 - 10 2-40-DP-91-09-S-0 6/4/2008	2-40-DP-091 9 - 10 2-40-DP-91-09-S-0 Reanalysis 6/4/2008	2-40-DP-092 0 - 1 2-40-DP-92-01-S-0 6/3/2008
VOCs (µg/kg)																	
Chloromethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Bromomethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 UJ	1.3 UJ	2 UJ	1.1 U	1.3 U	1.7 U	1.7 UJ	1.1 U
Vinyl Chloride	EPA 8260B	1.3 UJ	1 UJ	0.9 UJ	1.2 UJ	1.2 UJ	1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.3 UJ	2 UJ	1.1 U	1.3 U	1.7 U	1.7 UJ	1.1 UJ
Chloroethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Methylene Chloride	EPA 8260B	2.6 U	2 U	1.8 U	2.4 U	2.3 U	2 U	2.5 U	2.4 U	2.4 U	2.6 U	4 U	2.2 U	2.7 U	3.4 U	3.4 U	2.2 U
Acetone	EPA 8260B	21 J	17	58	21	47	55	21	47	40	44	180	30 U	19 U	130	99	42
Carbon Disulfide	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.9	1 U	1.2 U	2.1	1.2 U	1.7	2.6	1.1 U	1.3 U	1.7 U	2.4	1.1 U
1,1-Dichloroethene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,1-Dichloroethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
trans-1,2-Dichloroethene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
cis-1,2-Dichloroethene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	6.1	3.2	1.1 U
Chloroform	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1.5	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,2-Dichloroethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
2-Butanone	EPA 8260B	6.4 U	5 U	4.6 U	6 U	6.8	5 U	6.1 U	5.9 U	5.9 U	6.6 U	49	5.5 U	6.7 U	15	14	5.7
1,1,1-Trichloroethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Carbon Tetrachloride	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Vinyl Acetate	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 U	8.4 U	5.4 U
Bromodichloromethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,2-Dichloropropane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
cis-1,3-Dichloropropene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Trichloroethene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.6	2 U	3.4	1.3 U	3.4	1.7 U	36
Dibromochloromethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,1,2-Trichloroethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Benzene	EPA 8260B	1.3 U	1 U	1	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	110	1.1 U	1.3 U	3.5	2.6	1.1 U
trans-1,3-Dichloropropene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
2-Chloroethylvinylether	EPA 8260B	6.4 UR	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 UR	6.7 UR	8.4 UR	8.4 UR	5.4 U
Bromoform	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
Methyl isobutyl ketone	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 U	8.4 U	5.4 U
2-Hexanone	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 U	8.4 U	5.4 U
Tetrachloroethene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
Toluene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	23	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Chlorobenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Ethylbenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Styrene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Trichlorofluoromethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.6 U	2 U	1.8 U	2.4 U	2.3 U	2 U	2.5 U	2.4 U	2.4 U	2.6 U	4 U	2.2 U	2.7 U	3.4 U	3.4 U	2.2 U
m,p-Xylene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	3.8	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
o-Xylene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,2-Dichlorobenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
1,3-Dichlorobenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
1,4-Dichlorobenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
Acrolein	EPA 8260B	64 U	50 U	46 U	60 U	57 U	50 U	61 U	59 U	59 U	66 U	100 U	55 U	67 U	84 U	84 U	54 U
Methyl Iodide	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 UJ	1.1 U
Bromoethane	EPA 8260B	2.6 U	2 U	1.8 U	2.4 U	2.3 U	2 U	2.5 U	2.4 U	2.4 U	2.6 U	4 U	2.2 U	2.7 U	3.4 U	3.4 U	2.2 U
Acrylonitrile	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 U	8.4 U	5.4 U
1,1-Dichloropropene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Dibromomethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 UJ	8.4 U	5.4 U
1,2,3-Trichloropropane	EPA 8260B	2.6 U	2 U	1.8 U	2.4 U	2.3 U	2 U	2.5 U	2.4 U	2.4 U	2.6 U	4 U	2.2 U	2.7 U	3.4 UJ	3.4 U	2.2 U
trans-1,4-Dichloro-2-butene	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 UJ	8.4 U	5.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
Hexachlorobutadiene	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 UJ	8.4 U	5.4 U
Ethylene Dibromide	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Bromochloromethane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
2,2-Dichloropropane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
1,3-Dichloropropane	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 U	1.7 U	1.1 U
Isopropylbenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
n-Propylbenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
Bromobenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
2-Chlorotoluene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
4-Chlorotoluene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
tert-Butylbenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
sec-Butylbenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
4-Isopropyltoluene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
n-Butylbenzene	EPA 8260B	1.3 U	1 U	0.9 U	1.2 U	1.2 U	1 U	1.2 U	1.2 U	1.2 U	1.3 U	2 U	1.1 U	1.3 U	1.7 UJ	1.7 U	1.1 U
1,2,4-Trichlorobenzene	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 UJ	8.4 U	5.4 U
Naphthalene	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 UJ	8.4 U	5.4 U
1,2,3-Trichlorobenzene	EPA 8260B	6.4 U	5 U	4.6 U	6 U	5.7 U	5 U	6.1 U	5.9 U	5.9 U	6.6 U	10 U	5.5 U	6.7 U	8.4 UJ	8.4 U	5.4 U
SVOCs (µg/kg)																	
Phenol	EPA 8270D																
bis(2-Chloroethyl)ether	EPA 8270D																
2-Chlorophenol	EPA 8270D																
1,3-Dichlorobenzene	EPA 8270D																
1,4-Dichlorobenzene	EPA 8270D																
Benzyl Alcohol	EPA 8270D																
1,2-Dichlorobenzene	EPA 8270D																
2-Methylphenol	EPA 8270D																

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-087 4 - 5 2-40-DP-87-04-S-0 6/13/2008	2-40-DP-087 9 - 10 2-40-DP-87-09-S-0 6/13/2008	2-40-DP-088 0 - 1 2-40-DP-88-01-S-0 6/13/2008	2-40-DP-088 4 - 5 2-40-DP-88-04-S-0 6/13/2008	2-40-DP-088 9 - 10 2-40-DP-88-09-S-0 6/13/2008	2-40-DP-089 0 - 1 2-40-DP-89-01-S-0 6/13/2008	2-40-DP-089 4 - 5 2-40-DP-89-04-S-0 6/13/2008	2-40-DP-089 9 - 10 2-40-DP-89-09-S-0 6/13/2008	2-40-DP-090 0 - 1 2-40-DP-90-01-S-0 6/6/2008	2-40-DP-090 4 - 5 2-40-DP-90-04-S-0 6/6/2008	2-40-DP-090 9 - 10 2-40-DP-90-09-S-0 6/6/2008	2-40-DP-091 0 - 1 2-40-DP-91-01-S-0 6/4/2008	2-40-DP-091 4 - 5 2-40-DP-91-04-S-0 6/4/2008	2-40-DP-091 9 - 10 2-40-DP-91-09-S-0 6/4/2008	2-40-DP-091 9 - 10 2-40-DP-91-09-S-0 Reanalysis 6/4/2008	2-40-DP-092 0 - 1 2-40-DP-92-01-S-0 6/3/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D																
4-Methylphenol	EPA 8270D																
N-Nitroso-Di-N-Propylamine	EPA 8270D																
Hexachloroethane	EPA 8270D																
Nitrobenzene	EPA 8270D																
Isophorone	EPA 8270D																
2-Nitrophenol	EPA 8270D																
2,4-Dimethylphenol	EPA 8270D																
Benzoic Acid	EPA 8270D																
bis(2-Chloroethoxy)methane	EPA 8270D																
2,4-Dichlorophenol	EPA 8270D																
1,2,4-Trichlorobenzene	EPA 8270D																
Naphthalene	EPA 8270D																
4-Chloroaniline	EPA 8270D																
Hexachlorobutadiene	EPA 8270D																
4-Chloro-3-methylphenol	EPA 8270D																
2-Methylnaphthalene	EPA 8270D																
Hexachlorocyclopentadiene	EPA 8270D																
2,4,6-Trichlorophenol	EPA 8270D																
2,4,5-Trichlorophenol	EPA 8270D																
2-Chloronaphthalene	EPA 8270D																
2-Nitroaniline	EPA 8270D																
Dimethylphthalate	EPA 8270D																
Acenaphthylene	EPA 8270D																
3-Nitroaniline	EPA 8270D																
Acenaphthene	EPA 8270D																
2,4-Dinitrophenol	EPA 8270D																
4-Nitrophenol	EPA 8270D																
Dibenzofuran	EPA 8270D																
2,6-Dinitrotoluene	EPA 8270D																
2,4-Dinitrotoluene	EPA 8270D																
Diethylphthalate	EPA 8270D																
4-Chlorophenyl-phenylether	EPA 8270D																
Fluorene	EPA 8270D																
4-Nitroaniline	EPA 8270D																
4,6-Dinitro-2-Methylphenol	EPA 8270D																
N-Nitrosodiphenylamine	EPA 8270D																
4-Bromophenyl-phenylether	EPA 8270D																
Hexachlorobenzene	EPA 8270D																
Pentachlorophenol	EPA 8270D																
Phenanthrene	EPA 8270D																
Carbazole	EPA 8270D																
Anthracene	EPA 8270D																
Di-n-Butylphthalate	EPA 8270D																
Fluoranthene	EPA 8270D																
Pyrene	EPA 8270D																
Butylbenzylphthalate	EPA 8270D																
3,3'-Dichlorobenzidine	EPA 8270D																
Benzo(a)anthracene	EPA 8270D																
bis(2-Ethylhexyl)phthalate	EPA 8270D																
Chrysene	EPA 8270D																
Di-n-octylphthalate	EPA 8270D																
Benzo(b)fluoranthene	EPA 8270D																
Benzo(k)fluoranthene	EPA 8270D																
Benzo(a)pyrene	EPA 8270D																
Indeno(1,2,3-cd)pyrene	EPA 8270D																
Dibenz(a,h)anthracene	EPA 8270D																
Benzo(g,h,i)perylene	EPA 8270D																
1-Methylnaphthalene	EPA 8270D																
Naphthalene	EPA 8270DSIM																
2-Methylnaphthalene	EPA 8270DSIM																
1-Methylnaphthalene	EPA 8270DSIM																
Acenaphthylene	EPA 8270DSIM																
Acenaphthene	EPA 8270DSIM																
Fluorene	EPA 8270DSIM																
Phenanthrene	EPA 8270DSIM																
Anthracene	EPA 8270DSIM																
Fluoranthene	EPA 8270DSIM																
Pyrene	EPA 8270DSIM																
Benzo(a)anthracene	EPA 8270DSIM																
Chrysene	EPA 8270DSIM																
Benzo(b)fluoranthene	EPA 8270DSIM																
Benzo(k)fluoranthene	EPA 8270DSIM																
Benzo(a)pyrene	EPA 8270DSIM																
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM																
Dibenz(a,h)anthracene	EPA 8270DSIM																
Benzo(g,h,i)perylene	EPA 8270DSIM																
Dibenzofuran	EPA 8270DSIM																
PCBs (µg/kg)																	
Aroclor 1016	EPA 8082												32 U	32 U	33 U		32 U
Aroclor 1242	EPA 8082												32 U	32 U	33 U		32 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-087 4 - 5 2-40-DP-87-04-S-0 6/13/2008	2-40-DP-087 9 - 10 2-40-DP-87-09-S-0 6/13/2008	2-40-DP-088 0 - 1 2-40-DP-88-01-S-0 6/13/2008	2-40-DP-088 4 - 5 2-40-DP-88-04-S-0 6/13/2008	2-40-DP-088 9 - 10 2-40-DP-88-09-S-0 6/13/2008	2-40-DP-089 0 - 1 2-40-DP-89-01-S-0 6/13/2008	2-40-DP-089 4 - 5 2-40-DP-89-04-S-0 6/13/2008	2-40-DP-089 9 - 10 2-40-DP-89-09-S-0 6/13/2008	2-40-DP-090 0 - 1 2-40-DP-90-01-S-0 6/6/2008	2-40-DP-090 4 - 5 2-40-DP-90-04-S-0 6/6/2008	2-40-DP-090 9 - 10 2-40-DP-90-09-S-0 6/6/2008	2-40-DP-091 0 - 1 2-40-DP-91-01-S-0 6/4/2008	2-40-DP-091 4 - 5 2-40-DP-91-04-S-0 6/4/2008	2-40-DP-091 9 - 10 2-40-DP-91-09-S-0 6/4/2008	2-40-DP-091 9 - 10 2-40-DP-91-09-S-0 Reanalysis 6/4/2008	2-40-DP-092 0 - 1 2-40-DP-92-01-S-0 6/3/2008
Aroclor 1248	EPA 8082												32 U	32 U	33 U		32 U
Aroclor 1254	EPA 8082												48	32 U	33 U		32 U
Aroclor 1260	EPA 8082												51	32 U	33 U		32 U
Aroclor 1221	EPA 8082												32 U	32 U	33 U		32 U
Aroclor 1232	EPA 8082												32 U	32 U	33 U		32 U
Aroclor 1262	EPA 8082												32 U	32 U	33 U		32 U
Aroclor 1268	EPA 8082												32 U	32 U	33 U		32 U
Total PCB	EPA 8082												99	32 U	33 U		32 U
Inorganics (mg/kg)																	
Aluminum	EPA 6010B	7920	10500	11000	8140	13300	11100	8250	14300	5350	9960	13300	10000	9680	17300		10700
Antimony	EPA 6010B	5 UJ	5 UJ	5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	6 UJ		5 UJ
Arsenic	EPA 6010B	5 U	5 U	5 U	5 U	6 U	5 U	5 U	6 U	5 U	5 U	6 U	5 U	5 U	6 U		5 U
Barium	EPA 6010B	20.1	33	36.7	22.7	50.2	41.9	24.8	56.4	21.4	38.9	44	44.3	30.3	56.8		37.1
Beryllium	EPA 6010B	0.09 U	0.1	0.1	0.1 U	0.2	0.1	0.1 U	0.2	0.1 U	0.1	0.2	0.1	0.1	0.2		0.1
Cadmium	EPA 6010B	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 U		0.2 U
Calcium	EPA 6010B	3780	5360	4470	3930	5040	4600	3940	5140	1520	4130	4340	6960	4980	4940		4140
Chromium	EPA 6010B	11.9	13.1	13	15.5	40.1	16.7	13.6	24.1	14	24.9	14.6	13.7	12.4	16.5		15.8
Cobalt	EPA 6010B	4.2	4.6	4.8	4	5.6	4.9	4.1	6	3.1	11.2	4.2	4.8	5	5		5.1
Copper	EPA 6010B	9.8	12	14.1	9.6	16.9	14.1	9.1	20.3	5.2	11.3	18.1	14	11.2	21.1		10.9
Iron	EPA 6010B	12300	14100	14800	12300	16400	14300	11700	16900	7540	13600	14000	13700	13600	14800		13900
Lead	EPA 6010B	2 U	3	4	2 U	3	4	4	6	2 U	2	18	9	4	16		3
Magnesium	EPA 6010B	2560	2910	3000	2380	3430	3170	2240	3620	2560	4010	3120	2810	2590	3610		3500
Manganese	EPA 6010B	114	144	153	113	171	155	119	190	120	192	134	148	147	127		163
Mercury	EPA 7471A	0.04 U	0.04 U	0.05 U	0.04 U	0.33	0.05 U	0.04 U	0.08	0.04 U	0.05 U	0.06 U	0.05 U	0.04 U	0.07		0.04 U
Molybdenum	EPA 6010B	0.5	0.6	0.5 U	0.6	0.8	0.5 U	0.5 U	0.6 U	0.5 U	1.7	0.6 U	0.5	0.5 U	0.6 U		0.9
Nickel	EPA 6010B	9.1	10	9	10	27	13	10	17	18	24	10	10	10	12		14
Selenium	EPA 6010B	5 U	5 U	5 U	5 U	6 U	5 U	5 U	6 U	5 U	5 U	6 U	5 U	5 U	6 U		5 U
Silver	EPA 6010B	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.8	0.4 U	0.3 U	0.3 U	0.4 U		0.3 U
Thallium	EPA 7841	0.1	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.2	0.1 U		0.1 U
Tin	EPA 6010B	0.9 U	1 U	1 U	1 U	1	1 U	1 U	1 U	1 U	1 U	1	1 U	1 U	1 U		1 U
Vanadium	EPA 6010B	40.7	43.7	47.1	40.6	46.4	43.5	38.3	48	18.7	36.5	41.9	41.4	41	45.4		41
Zinc	EPA 6010B	24.3	30	32	26	40	34	28	42	13	27	43	36	30	33		28
Cyanide	EPA 335.2			0.051 U	0.05 U	0.055 U	0.064	0.05 U	0.09				0.052 U	0.052 U	0.073 U		0.051 U
Chromium(VI)	SM3500CrD																
Total Solids (%)	EPA 160.3			90.9	97.5	90.1	91.4	96.9	77.4				94.9	93.9	65.2		95.8
Total Organic Carbon (%)	Plumb 1981																
Petroleum Hydrocarbons (mg/kg)																	
TPH - Gasoline Range	NWTPH-Gx																
TPH - Diesel Range	NWTPH-Dx-Cleaned																
TPH - Motor Oil Range	NWTPH-Dx-Cleaned																

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-092 4 - 5 2-40-DP-92-04-S-0 6/3/2008	2-40-DP-092 9 - 10 2-40-DP-92-09-S-0 6/3/2008	2-40-DP-092 9 - 10 2-40-DP-92-09-S-0 Reanalysis 6/3/2008	2-40-DP-093 0 - 1 2-40-DP-93-01-S-0 7/8/2008	2-40-DP-093 4 - 5 2-40-DP-93-04-S-0 7/8/2008	2-40-DP-093 9 - 10 2-40-DP-93-09-S-0 7/8/2008	2-40-DP-094 0 - 1 2-40-DP-94-01-S-0 6/30/2008	2-40-DP-094 0 - 1 2-40-DP-94-01-S-0 Reextract 6/30/2008	2-40-DP-094 4 - 5 2-40-DP-94-04-S-0 6/30/2008	2-40-DP-094 4 - 5 2-40-DP-94-04-S-0 Reextract 6/30/2008	2-40-DP-094 9 - 10 2-40-DP-94-09-S-0 6/30/2008	2-40-DP-094 9 - 10 2-40-DP-94-09-S-0 Reextract 6/30/2008	2-40-DP-095 0 - 1 2-40-DP-95-01-S-0 6/9/2008	2-40-DP-095 4 - 5 2-40-DP-95-04-S-0 6/9/2008
VOCs (µg/kg)															
Chloromethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Bromomethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 UJ	1.5 UJ
Vinyl Chloride	EPA 8260B	1.2 UJ	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 UJ	1.5 UJ
Chloroethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Methylene Chloride	EPA 8260B	2.4 U	2.6 U	2.7 U	2.3 U	2.8 U	2.6 U	2.1 U		1.9 U		2.2 U		3.9 U	3 U
Acetone	EPA 8260B	11	69	90	7.8 U	4.7 U	9.4 U	9.1 U		35		42		26	43
Carbon Disulfide	EPA 8260B	1.2 U	1.6	1.8	0.8 U	1 U	0.9 U	2.8		1 U		23		2.6	4.8
1,1-Dichloroethene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,1-Dichloroethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
trans-1,2-Dichloroethene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
cis-1,2-Dichloroethene	EPA 8260B	1.2 U	1.4	1.5	0.8 U	1 U	0.9 U	1.1 U		1 U		4.8		1.1 U	1.5 U
Chloroform	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,2-Dichloroethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
2-Butanone	EPA 8260B	6 U	13	14	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		7.2		5.7 U	7.5 U
1,1,1-Trichloroethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Carbon Tetrachloride	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Vinyl Acetate	EPA 8260B	6 U	6.5 U	6.8 U	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 U
Bromodichloromethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,2-Dichloropropane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
cis-1,3-Dichloropropene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Trichloroethene	EPA 8260B	1.2 U	1.3 U	1.4 U	1.1	80	15	3.7		30		64		1.1 U	1.5 U
Dibromochloromethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,1,2-Trichloroethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Benzene	EPA 8260B	1.2 U	11	12	0.8 U	1 U	0.9 U	1.1 U		1 U		1.4		1.1 U	1.7
trans-1,3-Dichloropropene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
2-Chloroethylvinylether	EPA 8260B	6 U	6.5 U	6.8 U	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 U
Bromoform	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
Methyl isobutyl ketone	EPA 8260B	6 U	6.5 U	6.8 U	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 U
2-Hexanone	EPA 8260B	6 U	6.5 U	6.8 U	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 U
Tetrachloroethene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
Toluene	EPA 8260B	1.2 U	1.9	2.1	0.8 U	7.3	5.2	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Chlorobenzene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Ethylbenzene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Styrene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Trichlorofluoromethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2.4 U	2.6 U	2.7 U	1.6 U	1.9 U	1.8 U	2.1 U		1.9 U		2.2 U		2.3 U	3 U
m,p-Xylene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
o-Xylene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,2-Dichlorobenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
1,3-Dichlorobenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
1,4-Dichlorobenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
Acrolein	EPA 8260B	60 U	65 U	68 U	41 U	47 U	45 U	53 U		48 U		54 U		57 U	75 U
Methyl Iodide	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 UJ	1.5 UJ
Bromoethane	EPA 8260B	2.4 U	2.6 U	2.7 U	1.6 U	1.9 U	1.8 U	2.1 U		1.9 U		2.2 U		2.3 U	3 U
Acrylonitrile	EPA 8260B	6 U	6.5 U	6.8 U	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 U
1,1-Dichloropropene	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Dibromomethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
1,2-Dibromo-3-chloropropane	EPA 8260B	6 U	6.5 UJ	6.8 UJ	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 UJ
1,2,3-Trichloropropane	EPA 8260B	2.4 U	2.6 UJ	2.7 UJ	1.6 U	1.9 U	1.8 U	2.1 U		1.9 U		2.2 U		2.3 U	3 UJ
trans-1,4-Dichloro-2-butene	EPA 8260B	6 U	6.5 UJ	6.8 UJ	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 UJ
1,3,5-Trimethylbenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
1,2,4-Trimethylbenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
Hexachlorobutadiene	EPA 8260B	6 U	6.5 UJ	6.8 UJ	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 UJ
Ethylene Dibromide	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Bromochloromethane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
2,2-Dichloropropane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
1,3-Dichloropropane	EPA 8260B	1.2 U	1.3 U	1.4 U	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 U
Isopropylbenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
n-Propylbenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
Bromobenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
2-Chlorotoluene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
4-Chlorotoluene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
tert-Butylbenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
sec-Butylbenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
4-Isopropyltoluene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
n-Butylbenzene	EPA 8260B	1.2 U	1.3 UJ	1.4 UJ	0.8 U	1 U	0.9 U	1.1 U		1 U		1.1 U		1.1 U	1.5 UJ
1,2,4-Trichlorobenzene	EPA 8260B	6 U	6.5 UJ	6.8 UJ	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 UJ
Naphthalene	EPA 8260B	6 U	6.5 UJ	6.8 UJ	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 UJ
1,2,3-Trichlorobenzene	EPA 8260B	6 U	6.5 UJ	6.8 UJ	4.1 U	4.7 U	4.5 U	5.3 U		4.8 U		5.4 U		5.7 U	7.5 UJ
SVOCs (µg/kg)															
Phenol	EPA 8270D				61 U	59 U	59 U	65 UJ	65 UJ	180 UJ	59 UJ	62 UJ	62 UJ	64 U	65 U
bis(2-Chloroethyl)ether	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
2-Chlorophenol	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
1,3-Dichlorobenzene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
1,4-Dichlorobenzene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Benzyl Alcohol	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	320 U	320 U
1,2-Dichlorobenzene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
2-Methylphenol	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-092 4 - 5 2-40-DP-92-04-S-0 6/3/2008	2-40-DP-092 9 - 10 2-40-DP-92-09-S-0 6/3/2008	2-40-DP-092 9 - 10 2-40-DP-92-09-S-0 Reanalysis 6/3/2008	2-40-DP-093 0 - 1 2-40-DP-93-01-S-0 7/8/2008	2-40-DP-093 4 - 5 2-40-DP-93-04-S-0 7/8/2008	2-40-DP-093 9 - 10 2-40-DP-93-09-S-0 7/8/2008	2-40-DP-094 0 - 1 2-40-DP-94-01-S-0 6/30/2008	2-40-DP-094 0 - 1 2-40-DP-94-01-S-0 Reextract 6/30/2008	2-40-DP-094 4 - 5 2-40-DP-94-04-S-0 6/30/2008	2-40-DP-094 4 - 5 2-40-DP-94-04-S-0 Reextract 6/30/2008	2-40-DP-094 9 - 10 2-40-DP-94-09-S-0 6/30/2008	2-40-DP-094 9 - 10 2-40-DP-94-09-S-0 Reextract 6/30/2008	2-40-DP-095 0 - 1 2-40-DP-95-01-S-0 6/9/2008	2-40-DP-095 4 - 5 2-40-DP-95-04-S-0 6/9/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
4-Methylphenol	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
N-Nitroso-Di-N-Propylamine	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
Hexachloroethane	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Nitrobenzene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Isophorone	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
2-Nitrophenol	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	320 U	320 U
2,4-Dimethylphenol	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Benzoic Acid	EPA 8270D				610 UR	590 UR	590 UR	650 UR	650 UJ	1800 UR	590 UJ	620 UJ	620 UJ	640 U	650 U
bis(2-Chloroethoxy)methane	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
2,4-Dichlorophenol	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
1,2,4-Trichlorobenzene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Naphthalene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
4-Chloroaniline	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
Hexachlorobutadiene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
4-Chloro-3-methylphenol	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
2-Methylnaphthalene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Hexachlorocyclopentadiene	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
2,4,6-Trichlorophenol	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
2,4,5-Trichlorophenol	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
2-Chloronaphthalene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
2-Nitroaniline	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
Dimethylphthalate	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Acenaphthylene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
3-Nitroaniline	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
Acenaphthene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
2,4-Dinitrophenol	EPA 8270D				610 UR	590 UR	590 UR	650 UR	650 UJ	1800 UR	590 UJ	620 UJ	620 UJ	640 UR	650 UR
4-Nitrophenol	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
Dibenzofuran	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
2,6-Dinitrotoluene	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
2,4-Dinitrotoluene	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
Diethylphthalate	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
4-Chlorophenyl-phenylether	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Fluorene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
4-Nitroaniline	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
4,6-Dinitro-2-Methylphenol	EPA 8270D				610 U	590 U	590 U	650 U	650 UJ	1800 U	590 UJ	620 U	620 UJ	640 U	650 U
N-Nitrosodiphenylamine	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
4-Bromophenyl-phenylether	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Hexachlorobenzene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Pentachlorophenol	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
Phenanthrene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Carbazole	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Anthracene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Di-n-Butylphthalate	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Fluoranthene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Pyrene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Butylbenzylphthalate	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
3,3'-Dichlorobenzidine	EPA 8270D				300 U	290 U	290 U	320 U	320 UJ	900 U	300 UJ	310 U	310 UJ	320 U	320 U
Benzo(a)anthracene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
bis(2-Ethylhexyl)phthalate	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Chrysene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Di-n-octylphthalate	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Benzo(b)fluoranthene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Benzo(k)fluoranthene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Benzo(a)pyrene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Indeno(1,2,3-cd)pyrene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Dibenz(a,h)anthracene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Benzo(g,h,i)perylene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
1-Methylnaphthalene	EPA 8270D				61 U	59 U	59 U	65 U	65 UJ	180 U	59 UJ	62 U	62 UJ	64 U	65 U
Naphthalene	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	5.4
2-Methylnaphthalene	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	9.4
1-Methylnaphthalene	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	10
Acenaphthylene	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	5 U
Acenaphthene	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	5 U
Fluorene	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	7.4
Phenanthrene	EPA 8270DSIM				4.8 U	6.4	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	25
Anthracene	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	5.9
Fluoranthene	EPA 8270DSIM				4.8 U	11	4.8 U	4.7 U		5.9		4.6 U		4.9 U	24
Pyrene	EPA 8270DSIM				4.8 U	9.9	4.8 U	4.7 U		9.8		4.6 U		4.9 U	20
Benzo(a)anthracene	EPA 8270DSIM				4.8 U	8.9	4.8 U	4.7 U		5.4		4.6 U		4.9 U	9.9 J
Chrysene	EPA 8270DSIM				4.8 U	9.4	4.8 U	4.7 U		14		4.6 U		4.9 U	11
Benzo(b)fluoranthene	EPA 8270DSIM				4.8 U	13	4.8 U	4.7 U		15		4.6 U		4.9 U	8.4
Benzo(k)fluoranthene	EPA 8270DSIM				4.8 U	14	4.8 U	4.7 U		8.3		4.6 U		4.9 U	7.9
Benzo(a)pyrene	EPA 8270DSIM				4.8 U	13	4.8 U	4.7 U		11		4.6 U		4.9 U	5
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM				4.8 U	11	4.8 U	4.7 U		4.9		4.6 U		4.9 U	6.9
Dibenz(a,h)anthracene	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	5 U
Benzo(g,h,i)perylene	EPA 8270DSIM				4.8 U	11	4.8 U	4.7 U		6.9		4.6 U		4.9 U	6.4
Dibenzofuran	EPA 8270DSIM				4.8 U	5 U	4.8 U	4.7 U		4.9 U		4.6 U		4.9 U	5.9
PCBs (µg/kg)															
Aroclor 1016	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ			
Aroclor 1242	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ			

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-092 4 - 5 2-40-DP-92-04-S-0 6/3/2008	2-40-DP-092 9 - 10 2-40-DP-92-09-S-0 6/3/2008	2-40-DP-092 9 - 10 2-40-DP-92-09-S-0 Reanalysis 6/3/2008	2-40-DP-093 0 - 1 2-40-DP-93-01-S-0 7/8/2008	2-40-DP-093 4 - 5 2-40-DP-93-04-S-0 7/8/2008	2-40-DP-093 9 - 10 2-40-DP-93-09-S-0 7/8/2008	2-40-DP-094 0 - 1 2-40-DP-94-01-S-0 6/30/2008	2-40-DP-094 0 - 1 2-40-DP-94-01-S-0 Reextract 6/30/2008	2-40-DP-094 4 - 5 2-40-DP-94-04-S-0 6/30/2008	2-40-DP-094 4 - 5 2-40-DP-94-04-S-0 Reextract 6/30/2008	2-40-DP-094 9 - 10 2-40-DP-94-09-S-0 6/30/2008	2-40-DP-094 9 - 10 2-40-DP-94-09-S-0 Reextract 6/30/2008	2-40-DP-095 0 - 1 2-40-DP-95-01-S-0 6/9/2008	2-40-DP-095 4 - 5 2-40-DP-95-04-S-0 6/9/2008
Aroclor 1248	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		140 J		30 UJ			
Aroclor 1254	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ			
Aroclor 1260	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ			
Aroclor 1221	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ			
Aroclor 1232	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ			
Aroclor 1262	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		470 J		30 UJ			
Aroclor 1268	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		120 UJ		30 UJ			
Total PCB	EPA 8082	33 U	34 U		32 U	31 U	33 U	30 UJ		610 J		30 UJ			
Inorganics (mg/kg)															
Aluminum	EPA 6010B	7800	16000		16700	10200	9480	15900		10700		12400		8350	15600
Antimony	EPA 6010B	5 UJ	6 UJ		5 UJ	5 UJ	5 UJ	5 UJ		5 UJ		6 UJ		5 UJ	6 UJ
Arsenic	EPA 6010B	5 U	6 U		5 U	5 U	5 U	5		6		6 U		5 U	6 U
Barium	EPA 6010B	24.9	62.7		70.4	27.3	25.8	75.1		43		45.1		24.2 J	63 J
Beryllium	EPA 6010B	0.1 U	0.2		0.3	0.1	0.1	0.2		0.1		0.1		0.1 U	0.2
Cadmium	EPA 6010B	0.2 U	0.2 U		0.3	0.3	0.2 U	0.2 U		43.3		3.9		0.2 UJ	0.2 UJ
Calcium	EPA 6010B	3700	4370		7820	5090	4640	7040		7310		5070		4080	5650
Chromium	EPA 6010B	12.6	19.3		15	13.1	11.9	16		127		106		12.5	17.7
Cobalt	EPA 6010B	4.2	4.9		19	4.1	4.4	7.1		4.8		4.3		4.6	6.6
Copper	EPA 6010B	9	20.9		26.9	17.3	13.5	22		76.1		16.6		9.9	22.2
Iron	EPA 6010B	12300	15100		21100	12200	14100	19800		13400		12700		13700	18400
Lead	EPA 6010B	2 U	7		3	4	4	4		10		4		2 U	4
Magnesium	EPA 6010B	2440	3540		5460	2500	2590	5600		2950		2600		2790	4210
Manganese	EPA 6010B	118	123		303	117	128	279		146		115		129	183
Mercury	EPA 7471A	0.05 U	0.04		0.05 U	0.09	0.05	0.05 U		0.06		0.05 U		0.05 UJ	0.06 J
Molybdenum	EPA 6010B	0.5	0.6 U		1.1	0.9	0.9	0.6		2.2		30		0.5 U	0.6 U
Nickel	EPA 6010B	7	14		18	9	10	15		18		39		9	14
Selenium	EPA 6010B	5 U	6 U		5 U	5 U	5 U	5 U		5 U		6 U		5 U	6 U
Silver	EPA 6010B	0.3 U	0.4 U		1.9	0.3 U	0.3 U	0.3 U		0.3 U		0.3 U		0.3 U	0.4 U
Thallium	EPA 7841	0.1	0.2		0.1	0.1 U	0.1 U	0.1 U		0.1 U		0.1 U		0.1	0.2
Tin	EPA 6010B	1 U	1 U		1 U	1 U	1 U	1 U		2		1 U		1 U	1 U
Vanadium	EPA 6010B	37.8	44.5		45.9	41.5	40.7	43.6		43.4		44.7		41.2	51
Zinc	EPA 6010B	24	37		40	30	34	35		85		34		26	43
Cyanide	EPA 335.2	0.05 U	0.074		0.047 U	0.048 U	0.053 U	0.052 U		3.76		0.057 U		0.051 U	0.066 U
Chromium(VI)	SM3500CrD				0.411 UJ	0.417 UJ	0.424 UJ	0.613 J		0.431 UJ		0.559 J			
Total Solids (%)	EPA 160.3	97.2	77.6		95.9	94.3	93.2	96.4		92.7		84.9		96.1	71.8
Total Organic Carbon (%)	Plumb 1981														
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx														
TPH - Diesel Range	NWTPH-Dx-Cleaned														
TPH - Motor Oil Range	NWTPH-Dx-Cleaned														

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-095 4 - 5 2-40-DP-95-04-S-0 Reanalysis 6/9/2008	2-40-DP-095 9 - 10 2-40-DP-95-09-S-0 6/9/2008	2-40-DP-096 0 - 1 2-40-DP-96-01-S-0 6/23/2008	2-40-DP-096 0 - 1 2-40-DP-96-01-S-0 Reanalysis 6/23/2008	2-40-DP-096 4 - 5 2-40-DP-96-04-S-0 6/23/2008	2-40-DP-096 9 - 10 2-40-DP-96-09-S-0 6/23/2008	2-40-DP-097 0 - 1 2-40-DP-97-01-S-0 7/7/2008	2-40-DP-097 0 - 1 2-40-DP-97-01-S-0 Dilution 7/7/2008	2-40-DP-097 4 - 5 2-40-DP-97-04-S-0 7/7/2008	2-40-DP-097 4 - 5 2-40-DP-97-04-S-0 Dilution 7/7/2008	2-40-DP-097 9 - 10 2-40-DP-97-09-S-0 7/7/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 6/12/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 Dilution 6/12/2008
VOCs (µg/kg)														
Chloromethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Bromomethane	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 UJ	1 UJ	1.1 U		1.2 UJ		0.9 U	1 U	
Vinyl Chloride	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 UJ	1 UJ	1.1 U		1.2 UJ		0.9 U	1 UJ	
Chloroethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 UJ	1 UJ	1.1 U		1.2 UJ		0.9 U	1 UJ	
Methylene Chloride	EPA 8260B	3.2 U	1.9 UJ	1.8 UJ	1.6 UJ	2.5 U	1.9 U	2.2 U		2.3 UJ		3.5 U	2.1 U	
Acetone	EPA 8260B	48	44 J	49 J	52 J	46	28	23		15 J		32	94	
Carbon Disulfide	EPA 8260B	8.1	6.8 J	1.5 J	1.4 J	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,1-Dichloroethene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,1-Dichloroethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
trans-1,2-Dichloroethene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
cis-1,2-Dichloroethene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Chloroform	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,2-Dichloroethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
2-Butanone	EPA 8260B	8 U	6.7 J	6.6 J	6.1 J	6.6	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
1,1,1-Trichloroethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Carbon Tetrachloride	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Vinyl Acetate	EPA 8260B	8 U	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
Bromodichloromethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,2-Dichloropropane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
cis-1,3-Dichloropropene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Trichloroethene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Dibromochloromethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,1,2-Trichloroethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Benzene	EPA 8260B	1.6 U	1 J	0.9 UJ	0.8 J	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
trans-1,3-Dichloropropene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
2-Chloroethylvinylether	EPA 8260B	8 U	4.7 UR	4.4 UR	4 UR	5.5 UR	4.8 UR	5.6 U		5.8 UR		4.4 U	5.2 U	
Bromoform	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Methyl isobutyl ketone	EPA 8260B	8 U	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
2-Hexanone	EPA 8260B	8 U	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
Tetrachloroethene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,1,2,2-Tetrachloroethane	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Toluene	EPA 8260B	1.6 U	0.9 UJ	2.4 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Chlorobenzene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Ethylbenzene	EPA 8260B	1.6 U	0.9 UJ	1.7 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Styrene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Trichlorofluoromethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,1,2-Trichlorotrifluoroethane	EPA 8260B	3.2 U	1.9 UJ	1.8 UJ	1.6 UJ	2.2 U	1.9 U	2.2 U		2.3 UJ		1.8 U	2.1 U	
m,p-Xylene	EPA 8260B	1.6 U	0.9 UJ	9.3 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
o-Xylene	EPA 8260B	1.6 U	0.9 UJ	4.6 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,2-Dichlorobenzene	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,3-Dichlorobenzene	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,4-Dichlorobenzene	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Acrolein	EPA 8260B	80 U	47 UR	44 UJ	40 UJ	55 U	48 U	56 U		58 UJ		44 U	52 U	
Methyl Iodide	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 UJ	
Bromoethane	EPA 8260B	3.2 U	1.9 UJ	1.8 UJ	1.6 UJ	2.2 U	1.9 U	2.2 U		2.3 UJ		1.8 U	2.1 U	
Acrylonitrile	EPA 8260B	8 U	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
1,1-Dichloropropene	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Dibromomethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,1,1,2-Tetrachloroethane	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,2-Dibromo-3-chloropropane	EPA 8260B	8 UJ	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
1,2,3-Trichloropropane	EPA 8260B	3.2 UJ	1.9 UJ	1.8 UJ	1.6 UJ	2.2 U	1.9 U	2.2 U		2.3 UJ		1.8 U	2.1 U	
trans-1,4-Dichloro-2-butene	EPA 8260B	8 UJ	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
1,3,5-Trimethylbenzene	EPA 8260B	1.6 UJ	0.9 UJ	7.4 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,2,4-Trimethylbenzene	EPA 8260B	1.6 UJ	0.9 UJ	24 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		1.1	1 U	
Hexachlorobutadiene	EPA 8260B	8 UJ	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
Ethylene Dibromide	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Bromochloromethane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
2,2-Dichloropropane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,3-Dichloropropane	EPA 8260B	1.6 U	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Isopropylbenzene	EPA 8260B	1.6 UJ	0.9 UJ	1.2 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
n-Propylbenzene	EPA 8260B	1.6 UJ	0.9 UJ	2.3 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
Bromobenzene	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
2-Chlorotoluene	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
4-Chlorotoluene	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
tert-Butylbenzene	EPA 8260B	1.6 UJ	0.9 UJ	0.9 UJ	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
sec-Butylbenzene	EPA 8260B	1.6 UJ	0.9 UJ	1.6 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
4-Isopropyltoluene	EPA 8260B	1.6 UJ	0.9 UJ	2.3 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
n-Butylbenzene	EPA 8260B	1.6 UJ	0.9 UJ	3.6 J	0.8 UJ	1.1 U	1 U	1.1 U		1.2 UJ		0.9 U	1 U	
1,2,4-Trichlorobenzene	EPA 8260B	8 UJ	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
Naphthalene	EPA 8260B	8 UJ	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
1,2,3-Trichlorobenzene	EPA 8260B	8 UJ	4.7 UJ	4.4 UJ	4 UJ	5.5 U	4.8 U	5.6 U		5.8 UJ		4.4 U	5.2 U	
SVOCs (µg/kg)														
Phenol	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
bis(2-Chloroethyl)ether	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
2-Chlorophenol	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
1,3-Dichlorobenzene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
1,4-Dichlorobenzene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Benzyl Alcohol	EPA 8270D		330 U	320 U		320 U	320 U	64 U		60 U	1200 U	64 U	330 U	
1,2-Dichlorobenzene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
2-Methylphenol	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-095 4 - 5 2-40-DP-95-04-S-0 Reanalysis 6/9/2008	2-40-DP-095 9 - 10 2-40-DP-95-09-S-0 6/9/2008	2-40-DP-096 0 - 1 2-40-DP-96-01-S-0 6/23/2008	2-40-DP-096 0 - 1 2-40-DP-96-01-S-0 Reanalysis 6/23/2008	2-40-DP-096 4 - 5 2-40-DP-96-04-S-0 6/23/2008	2-40-DP-096 9 - 10 2-40-DP-96-09-S-0 6/23/2008	2-40-DP-097 0 - 1 2-40-DP-97-01-S-0 7/7/2008	2-40-DP-097 0 - 1 2-40-DP-97-01-S-0 Dilution 7/7/2008	2-40-DP-097 4 - 5 2-40-DP-97-04-S-0 7/7/2008	2-40-DP-097 4 - 5 2-40-DP-97-04-S-0 Dilution 7/7/2008	2-40-DP-097 9 - 10 2-40-DP-97-09-S-0 7/7/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 6/12/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 Dilution 6/12/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
4-Methylphenol	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
N-Nitroso-Di-N-Propylamine	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
Hexachloroethane	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Nitrobenzene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Isophorone	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
2-Nitrophenol	EPA 8270D		330 U	320 U		320 U	320 U	64 U		60 U	1200 U	64 U	330 U	
2,4-Dimethylphenol	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Benzoic Acid	EPA 8270D		660 U	640 U		640 U	640 U	640 UR		600 UR	12000 UR	640 UR	660 U	
bis(2-Chloroethoxy)methane	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
2,4-Dichlorophenol	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
1,2,4-Trichlorobenzene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Naphthalene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		2300	3100	64 U	66 U	
4-Chloroaniline	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
Hexachlorobutadiene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
4-Chloro-3-methylphenol	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
2-Methylnaphthalene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		1400	1600	64 U	66 U	
Hexachlorocyclopentadiene	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
2,4,6-Trichlorophenol	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
2,4,5-Trichlorophenol	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
2-Chloronaphthalene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
2-Nitroaniline	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
Dimethylphthalate	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Acenaphthylene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		3600	5300	64 U	66 U	
3-Nitroaniline	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
Acenaphthene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		390	1200 U	64 U	66 U	
2,4-Dinitrophenol	EPA 8270D		660 UR	640 UJ		640 UJ	640 UJ	640 UR		600 UR	12000 UR	640 UR	660 UJ	
4-Nitrophenol	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
Dibenzofuran	EPA 8270D		66 U	64 U		64 U	64 U	64 U		430	1200 U	64 U	66 U	
2,6-Dinitrotoluene	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
2,4-Dinitrotoluene	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
Diethylphthalate	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
4-Chlorophenyl-phenylether	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Fluorene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		6900 E	10000	64 U	75	
4-Nitroaniline	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
4,6-Dinitro-2-Methylphenol	EPA 8270D		660 U	640 U		640 U	640 U	640 U		600 U	12000 U	640 U	660 U	
N-Nitrosodiphenylamine	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
4-Bromophenyl-phenylether	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Hexachlorobenzene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Pentachlorophenol	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
Phenanthrene	EPA 8270D		66 U	64 U		64 U	64 U	84		36000 SE	72000	64 U	770	
Carbazole	EPA 8270D		66 U	64 U		64 U	64 U	64 U		1600	1600	64 U	66 U	
Anthracene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		13000 E	22000	64 U	210	
Di-n-Butylphthalate	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Fluoranthene	EPA 8270D		66 U	64 U		64 U	64 U	110		28000 SE	46000	64 U	720	
Pyrene	EPA 8270D		66 U	64 U		64 U	64 U	180		30000 SE	66000	64 U	730	
Butylbenzylphthalate	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
3,3'-Dichlorobenzidine	EPA 8270D		330 U	320 U		320 U	320 U	320 U		300 U	6000 U	320 U	330 U	
Benzo(a)anthracene	EPA 8270D		66 U	64 U		64 U	64 U	75		17000 E	22000	64 U	430	
bis(2-Ethylhexyl)phthalate	EPA 8270D		66 U	64 U		64 U	64 U	64 U		180	1200 U	76	66 U	
Chrysene	EPA 8270D		66 U	64 U		64 U	64 U	91		12000 E	22000	64 U	530	
Di-n-octylphthalate	EPA 8270D		66 U	64 U		64 U	64 U	64 U		60 U	1200 U	64 U	66 U	
Benzo(b)fluoranthene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		13000 E	11000	64 U	340	
Benzo(k)fluoranthene	EPA 8270D		66 U	64 U		64 U	64 U	68		3500	11000	64 U	590	
Benzo(a)pyrene	EPA 8270D		66 U	64 U		64 U	64 U	100		12000 E	16000	64 U	480	
Indeno(1,2,3-cd)pyrene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		3700	5000	64 U	240	
Dibenz(a,h)anthracene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		1700	1800	64 U	70	
Benzo(g,h,i)perylene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		3600	5500	64 U	290	
1-Methylnaphthalene	EPA 8270D		66 U	64 U		64 U	64 U	64 U		1300	1700	64 U	66 U	
Naphthalene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	14	14	67	69	4.6 U	12	14
2-Methylnaphthalene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	15	15	36	32	4.6 U	14	16
1-Methylnaphthalene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	16	15	35	34	4.6 U	11	14 U
Acenaphthylene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	53	48	130	120	4.6 U	46	33
Acenaphthene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	4.7 U	9.4 U	10	24 U	4.6 U	11	14 U
Fluorene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	44	56	180	180	4.6 U	54	62
Phenanthrene	EPA 8270DSIM		4.8 U	4.8 U		7.4	4.9 U	500 E	500	1300 E	1600	4.6 U	530 E	600
Anthracene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	84	78	320	320	4.6 U	130	140
Fluoranthene	EPA 8270DSIM		4.8 U	4.8 U		5.4	4.9 U	320	300	1000 E	1000	4.6 U	310	320
Pyrene	EPA 8270DSIM		4.8 U	4.8 U		4.9	4.9 U	440	450	1200 E	1400	4.6 U	360	420
Benzo(a)anthracene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	180	170	560 E	590	4.6 U	170	180
Chrysene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	180	170	560 E	580	4.6 U	180	190
Benzo(b)fluoranthene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	86	92	380	360	4.6 U	90	140
Benzo(k)fluoranthene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	140	120	410	470	4.6 U	74	150
Benzo(a)pyrene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	150	140	500 E	510	4.6 U	140	160
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	66	76	220	260	4.6 U	79	49
Dibenz(a,h)anthracene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	19	29	66	74	4.6 U	38	17
Benzo(g,h,i)perylene	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	82	92	250	310	4.6 U	100	48
Dibenzofuran	EPA 8270DSIM		4.8 U	4.8 U		4.9 U	4.9 U	4.7 U	9.4 U	13	24 U	4.6 U	5.3	14 U
PCBs (µg/kg)														
Aroclor 1016	EPA 8082												32 U	
Aroclor 1242	EPA 8082												32 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-095 4 - 5 2-40-DP-95-04-S-0 Reanalysis 6/9/2008	2-40-DP-095 9 - 10 2-40-DP-95-09-S-0 6/9/2008	2-40-DP-096 0 - 1 2-40-DP-96-01-S-0 6/23/2008	2-40-DP-096 0 - 1 2-40-DP-96-01-S-0 Reanalysis 6/23/2008	2-40-DP-096 4 - 5 2-40-DP-96-04-S-0 6/23/2008	2-40-DP-096 9 - 10 2-40-DP-96-09-S-0 6/23/2008	2-40-DP-097 0 - 1 2-40-DP-97-01-S-0 7/7/2008	2-40-DP-097 0 - 1 2-40-DP-97-01-S-0 Dilution 7/7/2008	2-40-DP-097 4 - 5 2-40-DP-97-04-S-0 7/7/2008	2-40-DP-097 4 - 5 2-40-DP-97-04-S-0 Dilution 7/7/2008	2-40-DP-097 9 - 10 2-40-DP-97-09-S-0 7/7/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 6/12/2008	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 Dilution 6/12/2008
Aroclor 1248	EPA 8082												32 U	
Aroclor 1254	EPA 8082												32 U	
Aroclor 1260	EPA 8082												32 U	
Aroclor 1221	EPA 8082												32 U	
Aroclor 1232	EPA 8082												32 U	
Aroclor 1262	EPA 8082												32 U	
Aroclor 1268	EPA 8082												32 U	
Total PCB	EPA 8082												32 U	
Inorganics (mg/kg)														
Aluminum	EPA 6010B		15600	12200		11800	14000	10000		12300		11000	10900	
Antimony	EPA 6010B		6 UJ	5 UJ		5 UJ	7 UJ	5 UJ		5 UJ		6 UJ	5 UJ	
Arsenic	EPA 6010B		6 U	5 U		5 U	7 U	5 U		5 U		6 U	5 U	
Barium	EPA 6010B		61.7 J	43.4		39.2	45.5	32.9		28.7		48.6	41.7	
Beryllium	EPA 6010B		0.2	0.2		0.2	0.2	0.1		0.2		0.1 U	0.1	
Cadmium	EPA 6010B		0.2 UJ	0.2 U		0.2 U	0.3 U	0.2		0.5		0.2 U	0.2 U	
Calcium	EPA 6010B		5590	5680		4760	4980	5710		7780		4790	4490	
Chromium	EPA 6010B		17.6	15.2		16.3	15.1	13.4		16.4		10.6	18.5	
Cobalt	EPA 6010B		6.4	6.1		5.3	4.8	10.6		35.2		4.1	5.4	
Copper	EPA 6010B		18.8	16		15.2	19.8	15.6		43.1		17.3	12.6	
Iron	EPA 6010B		18200	15900		16400	18400	15100		19500		12000	14300	
Lead	EPA 6010B		4	4		3	3	11		5		2 U	18	
Magnesium	EPA 6010B		4200	3440		3590	2820	3200		4020		2300	3730	
Manganese	EPA 6010B		179	153		164	171	170		251		99.3	184	
Mercury	EPA 7471A		0.06 UJ	0.04 U		0.05 U	0.05 U	0.04 U		0.04		0.06 U	0.04 U	
Molybdenum	EPA 6010B		0.6 U	0.5 U		0.5 U	0.7 U	0.7		0.8		0.7	0.5 U	
Nickel	EPA 6010B		14	12		11	9	12		17		8	16	
Selenium	EPA 6010B		6 U	5 U		5 U	7 U	5 U		5 U		6 U	5 U	
Silver	EPA 6010B		0.4 U	0.3 U		0.3 U	0.4 U	0.6		3.6		0.4 U	0.3 U	
Thallium	EPA 7841		0.1	0.1 U		0.1 U	0.1 U	0.1 U		0.1 U		0.1 U	0.2	
Tin	EPA 6010B		1 U	1 U		1 U	1 U	1 U		1 U		1 U	1 U	
Vanadium	EPA 6010B		47.2	45.3		46.3	51	46.8		57.2		45.5	41.8	
Zinc	EPA 6010B		41	35		32	24	33		36		29	42	
Cyanide	EPA 335.2		0.061 U	0.054 U		0.057 U	0.065 U	0.076		0.358		0.341		
Chromium(VI)	SM3500CrD													
Total Solids (%)	EPA 160.3		80.7	89.5		84.5	76.3	95.1		89.6		77.6		
Total Organic Carbon (%)	Plumb 1981													
Petroleum Hydrocarbons (mg/kg)														
TPH - Gasoline Range	NWTPH-Gx													
TPH - Diesel Range	NWTPH-Dx-Cleaned													
TPH - Motor Oil Range	NWTPH-Dx-Cleaned													

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 Reextract 6/12/2008	2-40-DP-098 4 - 5 2-40-DP-98-04-S-0 6/12/2008	2-40-DP-098 4 - 5 2-40-DP-98-04-S-0 Reextract 6/12/2008	2-40-DP-098 9 - 10 2-40-DP-98-09-S-0 6/12/2008	2-40-DP-098 9 - 10 2-40-DP-98-09-S-0 Reextract 6/12/2008	2-40-DP-099 0 - 1 2-40-DP-99-01-S-0 6/12/2008	2-40-DP-099 0 - 1 2-40-DP-99-01-S-0 Reextract 6/12/2008	2-40-DP-099 4 - 5 2-40-DP-99-04-S-0 6/12/2008	2-40-DP-099 4 - 5 2-40-DP-99-04-S-0 Reextract 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 Reanalysis 6/12/2008
VOCs (µg/kg)												
Chloromethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Bromomethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Vinyl Chloride	EPA 8260B		1.2 UJ		1.1 UJ		1.1 UJ		1.2 UJ		1.3 UJ	1.2 UJ
Chloroethane	EPA 8260B		1.2 UJ		1.1 UJ		1.1 U		1.2 U		1.3 U	1.2 U
Methylene Chloride	EPA 8260B		2.4 U		2.2 U		2.2 U		3.6 U		2.6 U	2.5 U
Acetone	EPA 8260B		16		64		60		20 U		66	56
Carbon Disulfide	EPA 8260B		1.2 U		1.4		1.1 U		1.2 U		4.7	5
1,1-Dichloroethene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,1-Dichloroethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
trans-1,2-Dichloroethene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
cis-1,2-Dichloroethene	EPA 8260B		1.2 U		2.2		1.1 U		1.2 U		20	13
Chloroform	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,2-Dichloroethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
2-Butanone	EPA 8260B		6 U		12		5.4 U		6.3 U		11	9.8
1,1,1-Trichloroethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Carbon Tetrachloride	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Vinyl Acetate	EPA 8260B		6 U		5.5 U		5.4 UR		6.3 U		6.4 U	6.3 U
Bromodichloromethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,2-Dichloropropane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
cis-1,3-Dichloropropene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Trichloroethene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Dibromochloromethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,1,2-Trichloroethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Benzene	EPA 8260B		1.2 U		3		1.1 U		1.2 U		3.4	1.3
trans-1,3-Dichloropropene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
2-Chloroethylvinylether	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 U	6.3 U
Bromoform	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
Methyl isobutyl ketone	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 U	6.3 U
2-Hexanone	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 U	6.3 U
Tetrachloroethene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,1,2,2-Tetrachloroethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
Toluene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.8	1.2 U
Chlorobenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Ethylbenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Styrene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Trichlorofluoromethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B		2.4 U		2.2 U		2.2 U		2.5 U		2.6 U	2.5 U
m,p-Xylene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
o-Xylene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,2-Dichlorobenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
1,3-Dichlorobenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
1,4-Dichlorobenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
Acrolein	EPA 8260B		60 U		55 U		54 UR		63 U		64 U	63 U
Methyl Iodide	EPA 8260B		1.2 UJ		1.1 UJ		1.1 U		1.2 U		1.3 U	1.2 U
Bromoethane	EPA 8260B		2.4 U		2.2 U		2.2 U		2.5 U		2.6 U	2.5 U
Acrylonitrile	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 U	6.3 U
1,1-Dichloropropene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Dibromomethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,1,1,2-Tetrachloroethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
1,2-Dibromo-3-chloropropane	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 UJ	6.3 U
1,2,3-Trichloropropane	EPA 8260B		2.4 U		2.2 U		2.2 U		2.5 U		2.6 UJ	2.5 U
trans-1,4-Dichloro-2-butene	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 UJ	6.3 U
1,3,5-Trimethylbenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
1,2,4-Trimethylbenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
Hexachlorobutadiene	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 UJ	6.3 U
Ethylene Dibromide	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Bromochloromethane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
2,2-Dichloropropane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
1,3-Dichloropropane	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 U	1.2 U
Isopropylbenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
n-Propylbenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
Bromobenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
2-Chlorotoluene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
4-Chlorotoluene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
tert-Butylbenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
sec-Butylbenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
4-Isopropyltoluene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
n-Butylbenzene	EPA 8260B		1.2 U		1.1 U		1.1 U		1.2 U		1.3 UJ	1.2 U
1,2,4-Trichlorobenzene	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 UJ	6.3 U
Naphthalene	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 UJ	6.3 U
1,2,3-Trichlorobenzene	EPA 8260B		6 U		5.5 U		5.4 U		6.3 U		6.4 UJ	6.3 U
SVOCs (µg/kg)												
Phenol	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
bis(2-Chloroethyl)ether	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
2-Chlorophenol	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
1,3-Dichlorobenzene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
1,4-Dichlorobenzene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Benzyl Alcohol	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
1,2-Dichlorobenzene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
2-Methylphenol	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 Reextract 6/12/2008	2-40-DP-098 4 - 5 2-40-DP-98-04-S-0 6/12/2008	2-40-DP-098 4 - 5 2-40-DP-98-04-S-0 Reextract 6/12/2008	2-40-DP-098 9 - 10 2-40-DP-98-09-S-0 6/12/2008	2-40-DP-098 9 - 10 2-40-DP-98-09-S-0 Reextract 6/12/2008	2-40-DP-099 0 - 1 2-40-DP-99-01-S-0 6/12/2008	2-40-DP-099 0 - 1 2-40-DP-99-01-S-0 Reextract 6/12/2008	2-40-DP-099 4 - 5 2-40-DP-99-04-S-0 6/12/2008	2-40-DP-099 4 - 5 2-40-DP-99-04-S-0 Reextract 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 Reanalysis 6/12/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
4-Methylphenol	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
N-Nitroso-Di-N-Propylamine	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
Hexachloroethane	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Nitrobenzene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Isophorone	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
2-Nitrophenol	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
2,4-Dimethylphenol	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Benzoic Acid	EPA 8270D	660 UJ	640 U	640 UJ	640 U	630 UJ	630 U	630 UJ	640 U	640 UJ	640 U	
bis(2-Chloroethoxy)methane	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
2,4-Dichlorophenol	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
1,2,4-Trichlorobenzene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Naphthalene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
4-Chloroaniline	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
Hexachlorobutadiene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
4-Chloro-3-methylphenol	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
2-Methylnaphthalene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Hexachlorocyclopentadiene	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
2,4,6-Trichlorophenol	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
2,4,5-Trichlorophenol	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
2-Chloronaphthalene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
2-Nitroaniline	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
Dimethylphthalate	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Acenaphthylene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
3-Nitroaniline	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
Acenaphthene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
2,4-Dinitrophenol	EPA 8270D	660 UJ	640 UJ	640 UJ	640 UJ	630 UJ	630 UJ	630 UJ	640 UJ	640 UJ	640 UJ	
4-Nitrophenol	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
Dibenzofuran	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
2,6-Dinitrotoluene	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
2,4-Dinitrotoluene	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
Diethylphthalate	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
4-Chlorophenyl-phenylether	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Fluorene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
4-Nitroaniline	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
4,6-Dinitro-2-Methylphenol	EPA 8270D	660 UJ	640 U	640 UJ	640 U	630 UJ	630 U	630 UJ	640 U	640 UJ	640 U	
N-Nitrosodiphenylamine	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
4-Bromophenyl-phenylether	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Hexachlorobenzene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Pentachlorophenol	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
Phenanthrene	EPA 8270D	140 J	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Carbazole	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Anthracene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Di-n-Butylphthalate	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Fluoranthene	EPA 8270D	200 J	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Pyrene	EPA 8270D	210 J	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Butylbenzylphthalate	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
3,3'-Dichlorobenzidine	EPA 8270D	330 UJ	320 U	320 UJ	320 U	320 UJ	310 U	310 UJ	320 U	320 UJ	320 U	
Benzo(a)anthracene	EPA 8270D	150 J	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
bis(2-Ethylhexyl)phthalate	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Chrysene	EPA 8270D	210 J	64 U	64 UJ	64 U	63 UJ	63 U	86 J	64 U	64 UJ	64 U	
Di-n-octylphthalate	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Benzo(b)fluoranthene	EPA 8270D	200 J	64 U	64 UJ	64 U	63 UJ	63 U	90 J	64 U	64 UJ	64 U	
Benzo(k)fluoranthene	EPA 8270D	180 J	64 U	64 UJ	64 U	63 UJ	63 U	75 J	64 U	64 UJ	64 U	
Benzo(a)pyrene	EPA 8270D	190 J	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Indeno(1,2,3-cd)pyrene	EPA 8270D	93 J	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Dibenz(a,h)anthracene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Benzo(g,h,i)perylene	EPA 8270D	110 J	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
1-Methylnaphthalene	EPA 8270D	66 UJ	64 U	64 UJ	64 U	63 UJ	63 U	63 UJ	64 U	64 UJ	64 U	
Naphthalene	EPA 8270DSIM		4.8 U		5 U		5.3		4.9 U		4.8 U	
2-Methylnaphthalene	EPA 8270DSIM		4.8 U		5 U		4.8		4.9 U		4.8 U	
1-Methylnaphthalene	EPA 8270DSIM		4.8 U		5 U		4.8 U		4.9 U		4.8 U	
Acenaphthylene	EPA 8270DSIM		4.8 U		5 U		4.8 U		4.9 U		4.8 U	
Acenaphthene	EPA 8270DSIM		4.8 U		5 U		4.8 U		4.9 U		5.8	
Fluorene	EPA 8270DSIM		4.8 U		5 U		4.8 U		4.9 U		6.3	
Phenanthrene	EPA 8270DSIM		4.8 U		12		4.8 U		6.4		20	
Anthracene	EPA 8270DSIM		4.8 U		5 U		4.8 U		4.9 U		4.8 U	
Fluoranthene	EPA 8270DSIM		4.8 U		13		4.8 U		13		26	
Pyrene	EPA 8270DSIM		4.8 U		11		4.8 U		18		18	
Benzo(a)anthracene	EPA 8270DSIM		4.8 U		5 U		4.8 U		9.3		6.3	
Chrysene	EPA 8270DSIM		4.8 U		7.9		4.8 U		13		9.2	
Benzo(b)fluoranthene	EPA 8270DSIM		4.8 U		5.9		4.8 U		6.4		4.8 U	
Benzo(k)fluoranthene	EPA 8270DSIM		4.8 U		5.9		4.8 U		5.4		4.8 U	
Benzo(a)pyrene	EPA 8270DSIM		4.8 U		5 U		4.8 U		9.3		4.8 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM		4.8 U		5.9		4.8 U		6.4		4.8 U	
Dibenz(a,h)anthracene	EPA 8270DSIM		4.8 U		5 U		4.8 U		4.9 U		4.8 U	
Benzo(g,h,i)perylene	EPA 8270DSIM		4.8 U		7.9		4.8 U		9.3		9.7	
Dibenzofuran	EPA 8270DSIM		4.8 U		5 U		4.8 U		4.9 U		4.8 U	
PCBs (µg/kg)												
Aroclor 1016	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Aroclor 1242	EPA 8082		33 U		32 U		33 U		33 U		32 U	

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-098 0 - 1 2-40-DP-98-01-S-0 Reextract 6/12/2008	2-40-DP-098 4 - 5 2-40-DP-98-04-S-0 6/12/2008	2-40-DP-098 4 - 5 2-40-DP-98-04-S-0 Reextract 6/12/2008	2-40-DP-098 9 - 10 2-40-DP-98-09-S-0 6/12/2008	2-40-DP-098 9 - 10 2-40-DP-98-09-S-0 Reextract 6/12/2008	2-40-DP-099 0 - 1 2-40-DP-99-01-S-0 6/12/2008	2-40-DP-099 0 - 1 2-40-DP-99-01-S-0 Reextract 6/12/2008	2-40-DP-099 4 - 5 2-40-DP-99-04-S-0 6/12/2008	2-40-DP-099 4 - 5 2-40-DP-99-04-S-0 Reextract 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 6/12/2008	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 Reanalysis 6/12/2008
Aroclor 1248	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Aroclor 1254	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Aroclor 1260	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Aroclor 1221	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Aroclor 1232	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Aroclor 1262	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Aroclor 1268	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Total PCB	EPA 8082		33 U		32 U		33 U		33 U		32 U	
Inorganics (mg/kg)												
Aluminum	EPA 6010B		7990		15200		12300		8440		17400	
Antimony	EPA 6010B		5 UJ		6 UJ		5 UJ		5 UJ		6 UJ	
Arsenic	EPA 6010B		5 U		6 U		5 U		5 U		6 U	
Barium	EPA 6010B		23.7		49.9		39.8		25.5		60.9	
Beryllium	EPA 6010B		0.1		0.2		0.1		0.1 U		0.2	
Cadmium	EPA 6010B		0.2 U		0.2 U		0.2 U		0.2 U		0.3 U	
Calcium	EPA 6010B		3770		5250		5390		3810		5630	
Chromium	EPA 6010B		12.2		16.9		14.2		11		19.1	
Cobalt	EPA 6010B		4.3		5.5		5.7		4.2		7	
Copper	EPA 6010B		10.4		19.4		14.6		9.9		27.1	
Iron	EPA 6010B		12700		17800		15100		12200		21000	
Lead	EPA 6010B		2 U		6		4		2 U		7	
Magnesium	EPA 6010B		2500		3900		3250		2560		4600	
Manganese	EPA 6010B		119		185		155		122		246	
Mercury	EPA 7471A		0.04 U		0.06		0.04 U		0.04 U		0.06 U	
Molybdenum	EPA 6010B		0.5 U		0.6 U		0.5 U		0.5 U		0.6	
Nickel	EPA 6010B		9.5		12		11		8		14	
Selenium	EPA 6010B		5 U		6 U		5 U		5 U		6 U	
Silver	EPA 6010B		0.3 U		0.4 U		0.3 U		0.3 U		0.4 U	
Thallium	EPA 7841		0.1 U		0.2		0.1 U		0.1 U		0.1	
Tin	EPA 6010B		0.9 U		1 U		1 U		1 U		1 U	
Vanadium	EPA 6010B		43.1		50.3		45.8		38.5		55.8	
Zinc	EPA 6010B		24.4		40		33		24		48	
Cyanide	EPA 335.2											
Chromium(VI)	SM3500CrD											
Total Solids (%)	EPA 160.3											
Total Organic Carbon (%)	Plumb 1981											
Petroleum Hydrocarbons (mg/kg)												
TPH - Gasoline Range	NWTPH-Gx											
TPH - Diesel Range	NWTPH-Dx-Cleaned											
TPH - Motor Oil Range	NWTPH-Dx-Cleaned											

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 Reextract 6/12/2008	2-40-DP-100 0 - 1 2-40-DP-100-01-S-0 6/6/2008	2-40-DP-100 4 - 5 2-40-DP-100-04-S-0 6/6/2008	2-40-DP-100 9 - 10 2-40-DP-100-09-S-0 6/6/2008	2-40-DP-101 0 - 1 2-40-DP-101-01-S-0 6/4/2008	2-40-DP-101 4 - 5 2-40-DP-101-04-S-0 6/4/2008	2-40-DP-101 9 - 10 2-40-DP-101-09-S-0 6/4/2008	2-40-DP-101 9 - 10 2-40-DP-101-09-S-0 Reanalysis 6/4/2008	2-40-DP-102 0 - 1 2-40-DP-102-01-S-0 5/30/2008	2-40-DP-102 4 - 5 2-40-DP-102-04-S-0 5/30/2008	2-40-DP-102 9 - 10 2-40-DP-102-09-S-0 5/30/2008	2-40-DP-103 0 - 1 2-40-DP-103-01-S-0 7/3/2008	2-40-DP-103 0 - 1 2-40-DP-103-01-S-0 Reanalysis 7/3/2008	2-40-DP-103 4 - 5 2-40-DP-103-04-S-0 7/3/2008
VOCs (µg/kg)															
Chloromethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Bromomethane	EPA 8260B		1.2 UJ	1.5 UJ	1.1 UJ	1.1 U	1.2 U	1.2 U	1 UJ	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Vinyl Chloride	EPA 8260B		1.2 UJ	1.5 UJ	1.1 UJ	1.1 U	1.2 U	1.2 U	1 UJ	1.2 UJ	1.4 UJ	1.4 UJ	1.1 UJ	1.1 UJ	1.1 U
Chloroethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Methylene Chloride	EPA 8260B		2.3 U	3 U	2.2 U	2.8 U	2.3 U	2.8 U	2.8 U	2.3 U	2.8 U	5.1 U	2.2 UJ	2.1 UJ	2.2 U
Acetone	EPA 8260B		53	20	84	71 U	32 U	46 U	72	29	9.5 U	50	28 U	26 U	42 U
Carbon Disulfide	EPA 8260B		1.2 U	1.5 U	7.5	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,1-Dichloroethene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,1-Dichloroethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
trans-1,2-Dichloroethene	EPA 8260B		1.2 U	1.5 U	1.1 U	2.4	1.4	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
cis-1,2-Dichloroethene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Chloroform	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,2-Dichloroethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
2-Butanone	EPA 8260B		5.9 U	7.4 U	13	5.8	5.8 U	5.9 U	6.1	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
1,1,1-Trichloroethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Carbon Tetrachloride	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Vinyl Acetate	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
Bromodichloromethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,2-Dichloropropane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
cis-1,3-Dichloropropene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Trichloroethene	EPA 8260B		1.2 U	1.5 U	1.1 U	3.6	2.2	4 J	3.3	3.1	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Dibromochloromethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,1,2-Trichloroethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Benzene	EPA 8260B		1.2 U	1.5 U	4.4	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	2.3
trans-1,3-Dichloropropene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
2-Chloroethylvinylether	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 UR	5.8 UR	5.9 UR	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UR	5.3 UR	5.6 UR
Bromoform	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Methyl isobutyl ketone	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
2-Hexanone	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
Tetrachloroethene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,1,2,2-Tetrachloroethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Toluene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Chlorobenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Ethylbenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Styrene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Trichlorofluoromethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B		2.3 U	3 U	2.2 U	2.3 U	2.3 U	2.4 U	2.1 U	2.3 U	2.8 U	2.8 U	2.2 UJ	2.1 UJ	2.2 U
m,p-Xylene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
o-Xylene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,2-Dichlorobenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,3-Dichlorobenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,4-Dichlorobenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.8 J	1.1 J	1.1 U
Acrolein	EPA 8260B		59 U	74 U	55 U	57 U	58 U	59 U	52 U	58 U	71 U	71 U	56 UR	53 UR	56 UR
Methyl Iodide	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 UJ	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Bromoethane	EPA 8260B		2.3 U	3 U	2.2 U	2.3 U	2.3 U	2.4 U	2.1 U	2.3 U	2.8 U	2.8 U	2.2 UJ	2.1 UJ	2.2 U
Acrylonitrile	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
1,1-Dichloropropene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Dibromomethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,1,1,2-Tetrachloroethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,2-Dibromo-3-chloropropane	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
1,2,3-Trichloropropane	EPA 8260B		2.3 U	3 U	2.2 U	2.3 U	2.3 U	2.4 U	2.1 U	2.3 U	2.8 U	2.8 U	2.2 UJ	2.1 UJ	2.2 U
trans-1,4-Dichloro-2-butene	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
1,3,5-Trimethylbenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,2,4-Trimethylbenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Hexachlorobutadiene	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
Ethylene Dibromide	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Bromochloromethane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
2,2-Dichloropropane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,3-Dichloropropane	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Isopropylbenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
n-Propylbenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
Bromobenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
2-Chlorotoluene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
4-Chlorotoluene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
tert-Butylbenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
sec-Butylbenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
4-Isopropyltoluene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
n-Butylbenzene	EPA 8260B		1.2 U	1.5 U	1.1 U	1.1 U	1.2 U	1.2 U	1 U	1.2 U	1.4 U	1.4 U	1.1 UJ	1.1 UJ	1.1 U
1,2,4-Trichlorobenzene	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
Naphthalene	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
1,2,3-Trichlorobenzene	EPA 8260B		5.9 U	7.4 U	5.5 U	5.7 U	5.8 U	5.9 U	5.2 U	5.8 U	7.1 U	7.1 U	5.6 UJ	5.3 UJ	5.6 U
SVOCs (µg/kg)															
Phenol	EPA 8270D	64 UJ	65 U	63 U	64 U										
bis(2-Chloroethyl)ether	EPA 8270D	64 UJ	65 U	63 U	64 U										
2-Chlorophenol	EPA 8270D	64 UJ	65 U	63 U	64 U										
1,3-Dichlorobenzene	EPA 8270D	64 UJ	65 U	63 U	64 U										
1,4-Dichlorobenzene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Benzyl Alcohol	EPA 8270D	320 UJ	320 U	320 U	320 UJ										
1,2-Dichlorobenzene	EPA 8270D	64 UJ	65 U	63 U	64 U										
2-Methylphenol	EPA 8270D	64 UJ	65 U	63 U	64 U										

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 Reextract 6/12/2008	2-40-DP-100 0 - 1 2-40-DP-100-01-S-0 6/6/2008	2-40-DP-100 4 - 5 2-40-DP-100-04-S-0 6/6/2008	2-40-DP-100 9 - 10 2-40-DP-100-09-S-0 6/6/2008	2-40-DP-101 0 - 1 2-40-DP-101-01-S-0 6/4/2008	2-40-DP-101 4 - 5 2-40-DP-101-04-S-0 6/4/2008	2-40-DP-101 9 - 10 2-40-DP-101-09-S-0 6/4/2008	2-40-DP-101 9 - 10 2-40-DP-101-09-S-0 Reanalysis 6/4/2008	2-40-DP-102 0 - 1 2-40-DP-102-01-S-0 5/30/2008	2-40-DP-102 4 - 5 2-40-DP-102-04-S-0 5/30/2008	2-40-DP-102 9 - 10 2-40-DP-102-09-S-0 5/30/2008	2-40-DP-103 0 - 1 2-40-DP-103-01-S-0 7/3/2008	2-40-DP-103 0 - 1 2-40-DP-103-01-S-0 Reanalysis 7/3/2008	2-40-DP-103 4 - 5 2-40-DP-103-04-S-0 7/3/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	64 UJ	65 UJ	63 UJ	64 UJ										
4-Methylphenol	EPA 8270D	64 UJ	65 U	63 U	64 U										
N-Nitroso-Di-N-Propylamine	EPA 8270D	320 UJ	320 U	320 U	320 U										
Hexachloroethane	EPA 8270D	64 UJ	65 U	63 U	64 U										
Nitrobenzene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Isophorone	EPA 8270D	64 UJ	65 U	63 U	64 U										
2-Nitrophenol	EPA 8270D	320 UJ	320 U	320 U	320 U										
2,4-Dimethylphenol	EPA 8270D	64 UJ	65 U	63 U	64 U										
Benzoic Acid	EPA 8270D	640 UJ	650 U	630 U	640 U										
bis(2-Chloroethoxy)methane	EPA 8270D	64 UJ	65 U	63 U	64 U										
2,4-Dichlorophenol	EPA 8270D	320 UJ	320 U	320 U	320 U										
1,2,4-Trichlorobenzene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Naphthalene	EPA 8270D	64 UJ	65 U	63 U	64 U										
4-Chloroaniline	EPA 8270D	320 UJ	320 U	320 U	320 U										
Hexachlorobutadiene	EPA 8270D	64 UJ	65 U	63 U	64 U										
4-Chloro-3-methylphenol	EPA 8270D	320 UJ	320 U	320 U	320 U										
2-Methylnaphthalene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Hexachlorocyclopentadiene	EPA 8270D	320 UJ	320 U	320 U	320 U										
2,4,6-Trichlorophenol	EPA 8270D	320 UJ	320 U	320 U	320 U										
2,4,5-Trichlorophenol	EPA 8270D	320 UJ	320 U	320 U	320 U										
2-Chloronaphthalene	EPA 8270D	64 UJ	65 U	63 U	64 U										
2-Nitroaniline	EPA 8270D	320 UJ	320 U	320 U	320 U										
Dimethylphthalate	EPA 8270D	64 UJ	65 U	63 U	64 U										
Acenaphthylene	EPA 8270D	64 UJ	65 U	63 U	64 U										
3-Nitroaniline	EPA 8270D	320 UJ	320 U	320 U	320 U										
Acenaphthene	EPA 8270D	64 UJ	65 U	63 U	64 U										
2,4-Dinitrophenol	EPA 8270D	640 UJ	650 UJ	630 UJ	640 U										
4-Nitrophenol	EPA 8270D	320 UJ	320 U	320 U	320 U										
Dibenzofuran	EPA 8270D	64 UJ	65 U	63 U	64 U										
2,6-Dinitrotoluene	EPA 8270D	320 UJ	320 U	320 U	320 U										
2,4-Dinitrotoluene	EPA 8270D	320 UJ	320 U	320 U	320 U										
Diethylphthalate	EPA 8270D	64 UJ	65 U	63 U	64 U										
4-Chlorophenyl-phenylether	EPA 8270D	64 UJ	65 U	63 U	64 U										
Fluorene	EPA 8270D	64 UJ	65 U	63 U	64 U										
4-Nitroaniline	EPA 8270D	320 UJ	320 U	320 U	320 U										
4,6-Dinitro-2-Methylphenol	EPA 8270D	640 UJ	650 U	630 U	640 U										
N-Nitrosodiphenylamine	EPA 8270D	64 UJ	65 U	63 U	64 U										
4-Bromophenyl-phenylether	EPA 8270D	64 UJ	65 U	63 U	64 U										
Hexachlorobenzene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Pentachlorophenol	EPA 8270D	320 UJ	320 U	320 U	320 U										
Phenanthrene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Carbazole	EPA 8270D	64 UJ	65 U	63 U	64 U										
Anthracene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Di-n-Butylphthalate	EPA 8270D	64 UJ	65 U	63 U	64 U										
Fluoranthene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Pyrene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Butylbenzylphthalate	EPA 8270D	64 UJ	65 U	63 U	64 U										
3,3'-Dichlorobenzidine	EPA 8270D	320 UJ	320 U	320 U	320 U										
Benzo(a)anthracene	EPA 8270D	64 UJ	65 U	63 U	64 U										
bis(2-Ethylhexyl)phthalate	EPA 8270D	64 UJ	65 U	63 U	64 U										
Chrysene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Di-n-octylphthalate	EPA 8270D	64 UJ	65 U	63 U	64 U										
Benzo(b)fluoranthene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Benzo(k)fluoranthene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Benzo(a)pyrene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Indeno(1,2,3-cd)pyrene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Dibenz(a,h)anthracene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Benzo(g,h,i)perylene	EPA 8270D	64 UJ	65 U	63 U	64 U										
1-Methylnaphthalene	EPA 8270D	64 UJ	65 U	63 U	64 U										
Naphthalene	EPA 8270DSIM		7.8	4.8 U	5 U										
2-Methylnaphthalene	EPA 8270DSIM		4.9	4.8 U	5 U										
1-Methylnaphthalene	EPA 8270DSIM		4.9 U	4.8 U	5 U										
Acenaphthylene	EPA 8270DSIM		9.8	4.8 U	5 U										
Acenaphthene	EPA 8270DSIM		4.9 U	4.8 U	5 U										
Fluorene	EPA 8270DSIM		6.9	4.8 U	5 U										
Phenanthrene	EPA 8270DSIM		110	4.8 U	9.4										
Anthracene	EPA 8270DSIM		18	4.8 U	5 U										
Fluoranthene	EPA 8270DSIM		82	4.8 U	5										
Pyrene	EPA 8270DSIM		120	4.8 U	5 U										
Benzo(a)anthracene	EPA 8270DSIM		59	4.8 U	5 U										
Chrysene	EPA 8270DSIM		80	4.8 U	5 U										
Benzo(b)fluoranthene	EPA 8270DSIM		62	4.8 U	5 U										
Benzo(k)fluoranthene	EPA 8270DSIM		48	4.8 U	5 U										
Benzo(a)pyrene	EPA 8270DSIM		58	4.8 U	5 U										
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM		41	4.8 U	5 U										
Dibenz(a,h)anthracene	EPA 8270DSIM		14	4.8 U	5 U										
Benzo(g,h,i)perylene	EPA 8270DSIM		47	4.8 U	5 U										
Dibenzofuran	EPA 8270DSIM		4.9 U	4.8 U	5 U										
PCBs (µg/kg)															
Aroclor 1016	EPA 8082														
Aroclor 1242	EPA 8082														

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-099 9 - 10 2-40-DP-99-09-S-0 Reextract 6/12/2008	2-40-DP-100 0 - 1 2-40-DP-100-01-S-0 6/6/2008	2-40-DP-100 4 - 5 2-40-DP-100-04-S-0 6/6/2008	2-40-DP-100 9 - 10 2-40-DP-100-09-S-0 6/6/2008	2-40-DP-101 0 - 1 2-40-DP-101-01-S-0 6/4/2008	2-40-DP-101 4 - 5 2-40-DP-101-04-S-0 6/4/2008	2-40-DP-101 9 - 10 2-40-DP-101-09-S-0 6/4/2008	2-40-DP-101 9 - 10 2-40-DP-101-09-S-0 Reanalysis 6/4/2008	2-40-DP-102 0 - 1 2-40-DP-102-01-S-0 5/30/2008	2-40-DP-102 4 - 5 2-40-DP-102-04-S-0 5/30/2008	2-40-DP-102 9 - 10 2-40-DP-102-09-S-0 5/30/2008	2-40-DP-103 0 - 1 2-40-DP-103-01-S-0 7/3/2008	2-40-DP-103 0 - 1 2-40-DP-103-01-S-0 Reanalysis 7/3/2008	2-40-DP-103 4 - 5 2-40-DP-103-04-S-0 7/3/2008
Aroclor 1248	EPA 8082														
Aroclor 1254	EPA 8082														
Aroclor 1260	EPA 8082														
Aroclor 1221	EPA 8082														
Aroclor 1232	EPA 8082														
Aroclor 1262	EPA 8082														
Aroclor 1268	EPA 8082														
Total PCB	EPA 8082														
Inorganics (mg/kg)															
Aluminum	EPA 6010B		4070	7720	8140	11100	10800	10200		10400	7720	14600	9370		8550
Antimony	EPA 6010B		5 UJ	5 UJ	6 UJ	5 UJ	5 UJ	5 UJ		5 UJ	5 UJ	6 UJ	5 UJ		5 UJ
Arsenic	EPA 6010B		5 U	5 U	6 U	5 U	5 U	5 U		5 U	5 U	6 U	5 U		5 U
Barium	EPA 6010B		14.6	23.1	36.8	38.8	43.5	30.7		38.4	20	44.7	38.9		27.4
Beryllium	EPA 6010B		0.1 U	0.1	0.1	0.1	0.1	0.1		0.1	0.1 U	0.2	0.1		0.1
Cadmium	EPA 6010B		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		0.6	0.2 U	0.2 U	0.2 U		0.2 U
Calcium	EPA 6010B		1420	3410	2530	4990	5390	4540		5670	3960	4980	5850		4180
Chromium	EPA 6010B		8.7	14.6	9.6	12.8	12.3	12.7		15.6	11.1	14.5	14.5		11.3
Cobalt	EPA 6010B		2.4	4.6	3.6	4.7	4.2	4.5		6.4	4	4.9	4.9		3.5
Copper	EPA 6010B		4.8	9.5	13.1	12.9	13.7	13		21.3	8.5	20	13.2		17.3
Iron	EPA 6010B		6450	13500	10900	13700	12400	13500		13500	12200	14400	13400		10800
Lead	EPA 6010B		2 U	2 U	4	5	5	4		44	2	5	4		5
Magnesium	EPA 6010B		1800	2670	2130	2950	2630	2690		2680	2450	3060	3080		2020
Manganese	EPA 6010B		84.8	128	94.8	136	114	127		141	123	162	199		103
Mercury	EPA 7471A		0.04 U	0.05 U	0.18	0.06	0.05 U	0.05 U		0.05 U	0.04 U	0.16	0.04 U		0.04 U
Molybdenum	EPA 6010B		0.5 U	0.5 U	0.6 U	0.5	0.5 U	0.5 U		2.3	0.5 U	0.7	0.9		0.5 U
Nickel	EPA 6010B		11	9	8	9	8	9		10	8	11	13		7
Selenium	EPA 6010B		5 U	5 U	6 U	5 U	5 U	5 U		5 U	5 U	6 U	5 U		5 U
Silver	EPA 6010B		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U		0.3 U	0.3 U	0.4 U	0.3 U		0.3 U
Thallium	EPA 7841		0.1 U	0.1 U	0.1 U	0.1	0.2	0.1		0.1 U	0.1 U	0.1 U	0.1		0.1 U
Tin	EPA 6010B		1 U	1 U	1 U	1 U	1 U	1 U		1 U	1 U	1 U	1 U		1 U
Vanadium	EPA 6010B		18.3	41.5	31.9	43.3	41.4	42.3		44.2	42.2	47.2	37.7		39.3
Zinc	EPA 6010B		13	25	23	41	27	28		60	23	43	40		22
Cyanide	EPA 335.2		0.051 U	0.049 U	0.055 U	0.052 U	0.056 U	0.053 U		0.051 U	0.05 U	0.062 U	0.051 U		0.054 U
Chromium(VI)	SM3500CrD														
Total Solids (%)	EPA 160.3		97.2	98	88.7	94	87.4	89.3		91.8	97.1	76.1	95.9		92.3
Total Organic Carbon (%)	Plumb 1981														
Petroleum Hydrocarbons (mg/kg)															
TPH - Gasoline Range	NWTPH-Gx														
TPH - Diesel Range	NWTPH-Dx-Cleaned														
TPH - Motor Oil Range	NWTPH-Dx-Cleaned														

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-103 9 - 10 2-40-DP-103-09-S-0 7/3/2008	2-40-DP-103 9 - 10 2-40-DP-103-09-S-0 Reanalysis 7/3/2008	2-40-DP-104 0 - 1 2-40-DP-104-01-S-0 7/7/2008	2-40-DP-104 4 - 5 2-40-DP-104-04-S-0 7/7/2008	2-40-DP-104 9 - 10 2-40-DP-104-09-S-0 7/7/2008	2-40-DP-104 9 - 10 2-40-DP-104-09-S-0 Reanalysis 7/7/2008	2-40-DP-105 0 - 1 2-40-DP-105-01-S-0 6/11/2008	2-40-DP-105 4 - 5 2-40-DP-105-04-S-0 6/11/2008	2-40-DP-105 9 - 10 2-40-DP-105-09-S-0 6/11/2008
VOCs (µg/kg)										
Chloromethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Bromomethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Vinyl Chloride	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 UJ	1.1 UJ	1.3 UJ
Chloroethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 UJ	1.1 UJ	1.3 UJ
Methylene Chloride	EPA 8260B	2 U	2.1 U	2 U	2 U	2.2 U	3.6 U	2.3 U	2.2 U	2.7 UJ
Acetone	EPA 8260B	17 U	20 U	34	40	120	6.1 U	71	32	98 J
Carbon Disulfide	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,1-Dichloroethene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,1-Dichloroethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
trans-1,2-Dichloroethene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
cis-1,2-Dichloroethene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Chloroform	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,2-Dichloroethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
2-Butanone	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	21	6.1 U	5.8 U	5.6 U	20 J
1,1,1-Trichloroethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Carbon Tetrachloride	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Vinyl Acetate	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 U	6.1 U	5.8 U	5.6 U	6.7 UJ
Bromodichloromethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,2-Dichloropropane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
cis-1,3-Dichloropropene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Trichloroethene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Dibromochloromethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,1,2-Trichloroethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Benzene	EPA 8260B	1 U	1.1 U	1 U	3	9.2	1.2 U	1.2 U	1.1 U	6.2 J
trans-1,3-Dichloropropene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
2-Chloroethylvinylether	EPA 8260B	5.1 UR	5.3 UR	5 U	4.9 U	5.6 U	6.1 U	5.8 U	5.6 U	6.7 UR
Bromoform	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
Methyl isobutyl ketone	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 U	6.1 U	5.8 U	5.6 U	6.7 UJ
2-Hexanone	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 U	6.1 U	5.8 U	5.6 U	6.7 UJ
Tetrachloroethene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,1,2,2-Tetrachloroethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
Toluene	EPA 8260B	1 U	1.1 U	1 U	1 U	4.9	1.2 U	1.2 U	1.1 U	1.6 J
Chlorobenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Ethylbenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Styrene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Trichlorofluoromethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2 U	2.1 U	2 U	2 U	2.2 U	2.4 U	2.3 U	2.2 U	2.7 UJ
m,p-Xylene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
o-Xylene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,2-Dichlorobenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
1,3-Dichlorobenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
1,4-Dichlorobenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
Acrolein	EPA 8260B	51 UR	53 UR	50 U	49 U	56 U	61 U	58 U	56 U	67 UJ
Methyl Iodide	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 UJ	1.1 UJ	1.3 UJ
Bromoethane	EPA 8260B	2 U	2.1 U	2 U	2 U	2.2 U	2.4 U	2.3 U	2.2 U	2.7 UJ
Acrylonitrile	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 U	6.1 U	5.8 U	5.6 U	6.7 UJ
1,1-Dichloropropene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Dibromomethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,1,1,2-Tetrachloroethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
1,2-Dibromo-3-chloropropane	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 UJ	6.1 U	5.8 U	5.6 U	6.7 UJ
1,2,3-Trichloropropane	EPA 8260B	2 U	2.1 U	2 U	2 U	2.2 UJ	2.4 U	2.3 U	2.2 U	2.7 UJ
trans-1,4-Dichloro-2-butene	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 UJ	6.1 U	5.8 U	5.6 U	6.7 UJ
1,3,5-Trimethylbenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
1,2,4-Trimethylbenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
Hexachlorobutadiene	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 UJ	6.1 U	5.8 U	5.6 U	6.7 UJ
Ethylene Dibromide	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Bromochloromethane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
2,2-Dichloropropane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
1,3-Dichloropropane	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.1 U	1.3 UJ
Isopropylbenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
n-Propylbenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
Bromobenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
2-Chlorotoluene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
4-Chlorotoluene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
tert-Butylbenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
sec-Butylbenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
4-Isopropyltoluene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.1 UJ	1.2 U	1.2 U	1.1 U	1.3 UJ
n-Butylbenzene	EPA 8260B	1 U	1.1 U	1 U	1 U	1.2 J	1.2 U	1.2 U	1.1 U	1.3 UJ
1,2,4-Trichlorobenzene	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 UJ	6.1 U	5.8 U	5.6 U	6.7 UJ
Naphthalene	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 UJ	6.1 U	5.8 U	5.6 U	6.7 UJ
1,2,3-Trichlorobenzene	EPA 8260B	5.1 U	5.3 U	5 U	4.9 U	5.6 UJ	6.1 U	5.8 U	5.6 U	6.7 UJ
SVOCs (µg/kg)										
Phenol	EPA 8270D									
bis(2-Chloroethyl)ether	EPA 8270D									
2-Chlorophenol	EPA 8270D									
1,3-Dichlorobenzene	EPA 8270D									
1,4-Dichlorobenzene	EPA 8270D									
Benzyl Alcohol	EPA 8270D									
1,2-Dichlorobenzene	EPA 8270D									
2-Methylphenol	EPA 8270D									

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-103 9 - 10 2-40-DP-103-09-S-0 7/3/2008	2-40-DP-103 9 - 10 2-40-DP-103-09-S-0 Reanalysis 7/3/2008	2-40-DP-104 0 - 1 2-40-DP-104-01-S-0 7/7/2008	2-40-DP-104 4 - 5 2-40-DP-104-04-S-0 7/7/2008	2-40-DP-104 9 - 10 2-40-DP-104-09-S-0 7/7/2008	2-40-DP-104 9 - 10 2-40-DP-104-09-S-0 Reanalysis 7/7/2008	2-40-DP-105 0 - 1 2-40-DP-105-01-S-0 6/11/2008	2-40-DP-105 4 - 5 2-40-DP-105-04-S-0 6/11/2008	2-40-DP-105 9 - 10 2-40-DP-105-09-S-0 6/11/2008
2,2'-Oxybis(1-Chloropropane)	EPA 8270D									
4-Methylphenol	EPA 8270D									
N-Nitroso-Di-N-Propylamine	EPA 8270D									
Hexachloroethane	EPA 8270D									
Nitrobenzene	EPA 8270D									
Isophorone	EPA 8270D									
2-Nitrophenol	EPA 8270D									
2,4-Dimethylphenol	EPA 8270D									
Benzoic Acid	EPA 8270D									
bis(2-Chloroethoxy)methane	EPA 8270D									
2,4-Dichlorophenol	EPA 8270D									
1,2,4-Trichlorobenzene	EPA 8270D									
Naphthalene	EPA 8270D									
4-Chloroaniline	EPA 8270D									
Hexachlorobutadiene	EPA 8270D									
4-Chloro-3-methylphenol	EPA 8270D									
2-Methylnaphthalene	EPA 8270D									
Hexachlorocyclopentadiene	EPA 8270D									
2,4,6-Trichlorophenol	EPA 8270D									
2,4,5-Trichlorophenol	EPA 8270D									
2-Chloronaphthalene	EPA 8270D									
2-Nitroaniline	EPA 8270D									
Dimethylphthalate	EPA 8270D									
Acenaphthylene	EPA 8270D									
3-Nitroaniline	EPA 8270D									
Acenaphthene	EPA 8270D									
2,4-Dinitrophenol	EPA 8270D									
4-Nitrophenol	EPA 8270D									
Dibenzofuran	EPA 8270D									
2,6-Dinitrotoluene	EPA 8270D									
2,4-Dinitrotoluene	EPA 8270D									
Diethylphthalate	EPA 8270D									
4-Chlorophenyl-phenylether	EPA 8270D									
Fluorene	EPA 8270D									
4-Nitroaniline	EPA 8270D									
4,6-Dinitro-2-Methylphenol	EPA 8270D									
N-Nitrosodiphenylamine	EPA 8270D									
4-Bromophenyl-phenylether	EPA 8270D									
Hexachlorobenzene	EPA 8270D									
Pentachlorophenol	EPA 8270D									
Phenanthrene	EPA 8270D									
Carbazole	EPA 8270D									
Anthracene	EPA 8270D									
Di-n-Butylphthalate	EPA 8270D									
Fluoranthene	EPA 8270D									
Pyrene	EPA 8270D									
Butylbenzylphthalate	EPA 8270D									
3,3'-Dichlorobenzidine	EPA 8270D									
Benzo(a)anthracene	EPA 8270D									
bis(2-Ethylhexyl)phthalate	EPA 8270D									
Chrysene	EPA 8270D									
Di-n-octylphthalate	EPA 8270D									
Benzo(b)fluoranthene	EPA 8270D									
Benzo(k)fluoranthene	EPA 8270D									
Benzo(a)pyrene	EPA 8270D									
Indeno(1,2,3-cd)pyrene	EPA 8270D									
Dibenz(a,h)anthracene	EPA 8270D									
Benzo(g,h,i)perylene	EPA 8270D									
1-Methylnaphthalene	EPA 8270D									
Naphthalene	EPA 8270DSIM									
2-Methylnaphthalene	EPA 8270DSIM									
1-Methylnaphthalene	EPA 8270DSIM									
Acenaphthylene	EPA 8270DSIM									
Acenaphthene	EPA 8270DSIM									
Fluorene	EPA 8270DSIM									
Phenanthrene	EPA 8270DSIM									
Anthracene	EPA 8270DSIM									
Fluoranthene	EPA 8270DSIM									
Pyrene	EPA 8270DSIM									
Benzo(a)anthracene	EPA 8270DSIM									
Chrysene	EPA 8270DSIM									
Benzo(b)fluoranthene	EPA 8270DSIM									
Benzo(k)fluoranthene	EPA 8270DSIM									
Benzo(a)pyrene	EPA 8270DSIM									
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM									
Dibenz(a,h)anthracene	EPA 8270DSIM									
Benzo(g,h,i)perylene	EPA 8270DSIM									
Dibenzofuran	EPA 8270DSIM									
PCBs (µg/kg)										
Aroclor 1016	EPA 8082							33 U	33 U	32 U
Aroclor 1242	EPA 8082							33 U	33 U	32 U

Table 5-2b:
2-40s Area Soil Analysis Results - Probe Samples
Boeing Plant 2

Constituent	Analytical Method	2-40-DP-103 9 - 10 2-40-DP-103-09-S-0 7/3/2008	2-40-DP-103 9 - 10 2-40-DP-103-09-S-0 Reanalysis 7/3/2008	2-40-DP-104 0 - 1 2-40-DP-104-01-S-0 7/7/2008	2-40-DP-104 4 - 5 2-40-DP-104-04-S-0 7/7/2008	2-40-DP-104 9 - 10 2-40-DP-104-09-S-0 7/7/2008	2-40-DP-104 9 - 10 2-40-DP-104-09-S-0 Reanalysis 7/7/2008	2-40-DP-105 0 - 1 2-40-DP-105-01-S-0 6/11/2008	2-40-DP-105 4 - 5 2-40-DP-105-04-S-0 6/11/2008	2-40-DP-105 9 - 10 2-40-DP-105-09-S-0 6/11/2008
Aroclor 1248	EPA 8082							33 U	33 U	32 U
Aroclor 1254	EPA 8082							33 U	33 U	32 U
Aroclor 1260	EPA 8082							33 U	33 U	32 U
Aroclor 1221	EPA 8082							33 U	33 U	32 U
Aroclor 1232	EPA 8082							33 U	33 U	32 U
Aroclor 1262	EPA 8082							33 U	33 U	32 U
Aroclor 1268	EPA 8082							33 U	33 U	32 U
Total PCB	EPA 8082							33 U	33 U	32 U
Inorganics (mg/kg)										
Aluminum	EPA 6010B	7150		12800	10300	13100		15700	9130	23900
Antimony	EPA 6010B	5 UJ		5 UJ	5 UJ	6 UJ		5 UJ	5 UJ	8 UJ
Arsenic	EPA 6010B	5 U		5 U	5 U	6 U		5 U	5 U	11
Barium	EPA 6010B	18.7		46.7	30.8	67.5		54.9	32.2	82.9
Beryllium	EPA 6010B	0.1 U		0.2	0.1	0.2		0.2	0.1	0.4
Cadmium	EPA 6010B	0.2 U		0.2 U	0.2 U	0.3		0.2 U	0.2 U	0.3 U
Calcium	EPA 6010B	3700		4070	4480	6770		6390	4220	6410
Chromium	EPA 6010B	10.2		29	12.5	26.6		19.7	11.5	27.5
Cobalt	EPA 6010B	2.7		9.4	3.3	4.9		6.2	4.6	9.9
Copper	EPA 6010B	8.6		11.8	13.8	27		23.1	11.2	42
Iron	EPA 6010B	9090		15500	11500	16100		15600	12900	27900
Lead	EPA 6010B	2 U		3	4	78		9	3	13
Magnesium	EPA 6010B	1610		6300	2250	2770		4230	2700	6750
Manganese	EPA 6010B	74.3		265	113	273		191	126	303
Mercury	EPA 7471A	0.04 U		0.04 U	0.05 U	0.09		0.05	0.04 U	0.13
Molybdenum	EPA 6010B	0.5 U		0.6	0.7	6.2		0.5 U	0.5 U	0.8 U
Nickel	EPA 6010B	5		38	8	14		17	9	22
Selenium	EPA 6010B	5 U		5 U	5 U	6 U		5 U	5 U	8 U
Silver	EPA 6010B	0.3 U		0.3 U	0.3 U	0.3 U		0.3 U	0.3 U	0.5 U
Thallium	EPA 7841	0.1 U		0.1 U	0.1 U	0.1 U		0.1 U	0.1 U	0.2
Tin	EPA 6010B	1 U		1 U	1 U	1 U		1 U	1 U	2 U
Vanadium	EPA 6010B	39.9		37.5	43.2	47		48.3	41.3	77.8
Zinc	EPA 6010B	18		30	25	51		56	28	66
Cyanide	EPA 335.2	0.052 U		0.051 U	0.059	0.147		0.117	0.049 U	0.101
Chromium(VI)	SM3500CrD									
Total Solids (%)	EPA 160.3	93.4		96.6	94.6	84.1		79.4	95.4	63.3
Total Organic Carbon (%)	Plumb 1981									
Petroleum Hydrocarbons (mg/kg)										
TPH - Gasoline Range	NWTPH-Gx									
TPH - Diesel Range	NWTPH-Dx-Cleaned									
TPH - Motor Oil Range	NWTPH-Dx-Cleaned									

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Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location: Depth: Sample ID: Date:	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 Reanalysis 7/10/2008	PL2-420B 4 - 5 2-40-PL2-420B-S-04-0 7/10/2008	PL2-420B 9 - 10 2-40-PL2-420B-S-09-0 7/10/2008	PL2-425B 0 - 1 2-40-PL2-425B-S-01-0 7/14/2008	PL2-425B 4 - 5 2-40-PL2-425B-S-04-0 7/14/2008	PL2-425B 9 - 10 2-40-PL2-425B-S-09-0 7/14/2008	PL2-435B 0 - 1 2-40-PL2-435B-S-01-0 7/11/2008	PL2-435B 4 - 5 2-40-PL2-435B-S-04-0 7/11/2008	PL2-435B 4 - 5 2-40-PL2-435B-S-04-0 Reanalysis 7/11/2008
VOCs (µg/kg)													
Chloromethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromomethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Vinyl Chloride	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloroethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Methylene Chloride	EPA 8260B	2		2.2 U	1.9 U	2.3 U	2.2 U	3.7 U	3.6 U	3.6 U	3.3 U	2.6 U	2.6 U
Acetone	EPA 8260B	5		29 J	48	45	17	43	31	19	170	100 J	98
Carbon Disulfide	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	2.5	1.3 U	1.3 U	1.2	1.3 U	1.3 U
1,1-Dichloroethene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1-Dichloroethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
trans-1,2-Dichloroethene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
cis-1,2-Dichloroethene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloroform	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichloroethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
2-Butanone	EPA 8260B	5		5 U	6.6	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	8.2	6.5 U	6.4 U
1,1,1-Trichloroethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Carbon Tetrachloride	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Vinyl Acetate	EPA 8260B	5		5 U	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
Bromodichloromethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichloropropane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
cis-1,3-Dichloropropene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Trichloroethene	EPA 8260B	1		6.3 J	9.4	16	11	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Dibromochloromethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2-Trichloroethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Benzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
trans-1,3-Dichloropropene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
2-Chloroethylvinylether	EPA 8260B	5		5 U	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
Bromoform	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Methyl isobutyl ketone	EPA 8260B	5		5 U	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
2-Hexanone	EPA 8260B	5		5 U	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
Tetrachloroethene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Toluene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorobenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Ethylbenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Styrene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Trichlorofluoromethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2		2 U	1.9 U	2.3 U	2.2 U	2.1 U	2.6 U	2.5 U	2.1 U	2.6 U	2.6 U
m,p-Xylene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
o-Xylene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichlorobenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,3-Dichlorobenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,4-Dichlorobenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Acrolein	EPA 8260B	10		50 U	48 U	58 U	56 U	53 U	66 U	63 U	53 U	65 U	64 U
Methyl Iodide	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromoethane	EPA 8260B	2		2 U	1.9 U	2.3 U	2.2 U	2.1 U	2.6 U	2.5 U	2.1 U	2.6 U	2.6 U
Acrylonitrile	EPA 8260B	5		5 U	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
1,1-Dichloropropene	EPA 8260B	2		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Dibromomethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dibromo-3-chloropropane	EPA 8260B	5		5 U	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
1,2,3-Trichloropropane	EPA 8260B	2		2 U	1.9 U	2.3 U	2.2 U	2.1 U	2.6 U	2.5 U	2.1 U	2.6 U	2.6 U
trans-1,4-Dichloro-2-butene	EPA 8260B	5		5 U	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
1,3,5-Trimethylbenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2,4-Trimethylbenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Hexachlorobutadiene	EPA 8260B	5		5 UJ	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
Ethylene Dibromide	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromochloromethane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
2,2-Dichloropropane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,3-Dichloropropane	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Isopropylbenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
n-Propylbenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromobenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
2-Chlorotoluene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
4-Chlorotoluene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
tert-Butylbenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
sec-Butylbenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
4-Isopropyltoluene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
n-Butylbenzene	EPA 8260B	1		1 U	1 U	1.2 U	1.1 U	1.1 U	1.3 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2,4-Trichlorobenzene	EPA 8260B	5		5 UJ	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
Naphthalene	EPA 8260B	5		5 UJ	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
1,2,3-Trichlorobenzene	EPA 8260B	5		5 UJ	4.8 U	5.8 U	5.6 U	5.3 U	6.6 U	6.3 U	5.3 U	6.5 U	6.4 U
SVOCs (µg/kg)													

Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location:	PL2-420B	PL2-420B	PL2-420B	PL2-420B	PL2-425B	PL2-425B	PL2-425B	PL2-435B	PL2-435B	PL2-435B
			Depth:	0 - 1	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	9 - 10	0 - 1	4 - 5	4 - 5
			Sample ID:	2-40-PL2-420B-S-01-0	2-40-PL2-420B-S-01-0 Reanalysis	2-40-PL2-420B-S-04-0	2-40-PL2-420B-S-09-0	2-40-PL2-425B-S-01-0	2-40-PL2-425B-S-04-0	2-40-PL2-425B-S-09-0	2-40-PL2-435B-S-01-0	2-40-PL2-435B-S-04-0	2-40-PL2-435B-S-04-0 Reanalysis
			Date:	7/10/2008	7/10/2008	7/10/2008	7/10/2008	7/14/2008	7/14/2008	7/14/2008	7/11/2008	7/11/2008	7/11/2008
Phenol	EPA 8270D	67											
bis(2-Chloroethyl)ether	EPA 8270D	67											
2-Chlorophenol	EPA 8270D	67											
1,3-Dichlorobenzene	EPA 8270D	67											
1,4-Dichlorobenzene	EPA 8270D	67											
Benzyl Alcohol	EPA 8270D	330											
1,2-Dichlorobenzene	EPA 8270D	67											
2-Methylphenol	EPA 8270D	67											
2,2'-Oxybis(1-Chloropropane)	EPA 8270D	67											
4-Methylphenol	EPA 8270D	67											
N-Nitroso-Di-N-Propylamine	EPA 8270D	330											
Hexachloroethane	EPA 8270D	67											
Nitrobenzene	EPA 8270D	67											
Isophorone	EPA 8270D	67											
2-Nitrophenol	EPA 8270D	330											
2,4-Dimethylphenol	EPA 8270D	67											
Benzoic Acid	EPA 8270D	670											
bis(2-Chloroethoxy)methane	EPA 8270D	67											
2,4-Dichlorophenol	EPA 8270D	330											
1,2,4-Trichlorobenzene	EPA 8270D	67											
Naphthalene	EPA 8270D	67											
4-Chloroaniline	EPA 8270D	330											
Hexachlorobutadiene	EPA 8270D	67											
4-Chloro-3-methylphenol	EPA 8270D	330											
2-Methylnaphthalene	EPA 8270D	67											
Hexachlorocyclopentadiene	EPA 8270D	330											
2,4,6-Trichlorophenol	EPA 8270D	330											
2,4,5-Trichlorophenol	EPA 8270D	330											
2-Chloronaphthalene	EPA 8270D	67											
2-Nitroaniline	EPA 8270D	330											
Dimethylphthalate	EPA 8270D	67											
Acenaphthylene	EPA 8270D	67											
3-Nitroaniline	EPA 8270D	330											
Acenaphthene	EPA 8270D	67											
2,4-Dinitrophenol	EPA 8270D	670											
4-Nitrophenol	EPA 8270D	330											
Dibenzofuran	EPA 8270D	67											
2,6-Dinitrotoluene	EPA 8270D	330											
2,4-Dinitrotoluene	EPA 8270D	330											
Diethylphthalate	EPA 8270D	67											
4-Chlorophenyl-phenylether	EPA 8270D	67											
Fluorene	EPA 8270D	67											
4-Nitroaniline	EPA 8270D	330											
4,6-Dinitro-2-Methylphenol	EPA 8270D	670											
N-Nitrosodiphenylamine	EPA 8270D	67											
4-Bromophenyl-phenylether	EPA 8270D	67											
Hexachlorobenzene	EPA 8270D	67											
Pentachlorophenol	EPA 8270D	330											
Phenanthrene	EPA 8270D	67											
Carbazole	EPA 8270D	67											
Anthracene	EPA 8270D	67											
Di-n-Butylphthalate	EPA 8270D	67											
Fluoranthene	EPA 8270D	67											
Pyrene	EPA 8270D	67											
Butylbenzylphthalate	EPA 8270D	67											
3,3'-Dichlorobenzidine	EPA 8270D	330											
Benzo(a)anthracene	EPA 8270D	67											
bis(2-Ethylhexyl)phthalate	EPA 8270D	67											
Chrysene	EPA 8270D	67											
Di-n-octylphthalate	EPA 8270D	67											
Benzo(b)fluoranthene	EPA 8270D	67											
Benzo(k)fluoranthene	EPA 8270D	67											
Benzo(a)pyrene	EPA 8270D	67											
Indeno(1,2,3-cd)pyrene	EPA 8270D	67											
Dibenz(a,h)anthracene	EPA 8270D	67											
Benzo(g,h,i)perylene	EPA 8270D	67											
1-Methylnaphthalene	EPA 8270D	67											
Naphthalene	EPA 8270DSIM	5											
2-Methylnaphthalene	EPA 8270DSIM	5											
1-Methylnaphthalene	EPA 8270DSIM	5											
Acenaphthylene	EPA 8270DSIM	5											
Acenaphthene	EPA 8270DSIM	5											
Fluorene	EPA 8270DSIM	5											

Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	Laboratory RL	Location: Depth: Sample ID: Date:	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 7/10/2008	PL2-420B 0 - 1 2-40-PL2-420B-S-01-0 Reanalysis 7/10/2008	PL2-420B 4 - 5 2-40-PL2-420B-S-04-0 7/10/2008	PL2-420B 9 - 10 2-40-PL2-420B-S-09-0 7/10/2008	PL2-425B 0 - 1 2-40-PL2-425B-S-01-0 7/14/2008	PL2-425B 4 - 5 2-40-PL2-425B-S-04-0 7/14/2008	PL2-425B 9 - 10 2-40-PL2-425B-S-09-0 7/14/2008	PL2-435B 0 - 1 2-40-PL2-435B-S-01-0 7/11/2008	PL2-435B 4 - 5 2-40-PL2-435B-S-04-0 7/11/2008	PL2-435B 4 - 5 2-40-PL2-435B-S-04-0 Reanalysis 7/11/2008
Phenanthrene	EPA 8270DSIM	5											
Anthracene	EPA 8270DSIM	5											
Fluoranthene	EPA 8270DSIM	5											
Pyrene	EPA 8270DSIM	5											
Benzo(a)anthracene	EPA 8270DSIM	5											
Chrysene	EPA 8270DSIM	5											
Benzo(b)fluoranthene	EPA 8270DSIM	5											
Benzo(k)fluoranthene	EPA 8270DSIM	5											
Benzo(a)pyrene	EPA 8270DSIM	5											
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM	5											
Dibenz(a,h)anthracene	EPA 8270DSIM	5											
Benzo(g,h,i)perylene	EPA 8270DSIM	5											
Dibenzofuran	EPA 8270DSIM	5											
PCBs (µg/kg)													
Aroclor 1016	EPA 8082	33											
Aroclor 1242	EPA 8082	33											
Aroclor 1248	EPA 8082	33											
Aroclor 1254	EPA 8082	33											
Aroclor 1260	EPA 8082	33											
Aroclor 1221	EPA 8082	33											
Aroclor 1232	EPA 8082	33											
Aroclor 1262	EPA 8082	33											
Aroclor 1268	EPA 8082	33											
Total PCB	EPA 8082	33											
Inorganics (mg/kg)													
Aluminum	EPA 6010B	5		12200		14000	16200	13600	9790	9410	9450	12600	
Antimony	EPA 6010B	5		5 UJ		5 UJ	6 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	
Arsenic	EPA 6010B	5		5 U		5 U	6 U	5 U	5 U	5 U	5 U	5 U	
Barium	EPA 6010B	0.3		44.6		49.4	55	63.2	32.5	22.7	31.5	52.2	
Beryllium	EPA 6010B	0.1		0.2		0.2	0.2	0.2	0.1	0.1 U	0.1	0.2	
Cadmium	EPA 6010B	0.2		1		0.2 U	0.3 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	
Calcium	EPA 6010B	5		9990		5290	6380	4480	4600	4240	4350	4870	
Chromium	EPA 6010B	0.5		23.6		16.7	18.2	28.2	11.7	11.8	12.5	14	
Cobalt	EPA 6010B	0.3		6		5.5	5.4	6.4	3.5	2.5	5.2	5.6	
Copper	EPA 6010B	0.2		18.7		19.4	20.3	12	11.6	10.3	10.3	16.4	
Iron	EPA 6010B	5		16600		18100	15600	15700	11200	9560	13500	15300	
Lead	EPA 6010B	2		11		5	4	3	3	2 U	2	3	
Magnesium	EPA 6010B	5		4620		3770	4400	5930	2120	1830	2850	3250	
Manganese	EPA 6010B	0.1		192		171	167	554	122	76.4	185	156	
Mercury	EPA 7471A	0.05		0.04 U		0.04 U	0.06 U	0.04 U	0.04 U	0.05 U	0.04 U	0.05 U	
Molybdenum	EPA 6010B	0.5		1.2		0.9	1	0.5	0.7	0.7	0.8	0.8	
Nickel	EPA 6010B	1		19		13	16	38	7	6	11	12	
Selenium	EPA 6010B	5		5 U		5 U	6 U	5 U	5 U	5 U	5 U	5 U	
Silver	EPA 6010B	0.3		0.3 U		0.3 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	
Thallium	EPA 7841	0.1		0.1 U		0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1	0.1 U	
Tin	EPA 6010B	1		1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Vanadium	EPA 6010B	0.3		53.2		54.6	53.6	37.9	42.3	42.7	43.4	47.1	
Zinc	EPA 6010B	1		46		39	35	31	24	19	27	32	
Cyanide	EPA 335.2	0.05									0.051 U	0.054 U	
Chromium(VI)	SM3500CrD	0.4											
Total Solids (%)	EPA 160.3	0.01									97.1	92.7	
Total Organic Carbon (%)	Plumb 1981	0.02											
Petroleum Hydrocarbons (mg/kg)													
TPH - Gasoline Range	NWTPH-Gx	5											
TPH - Diesel Range	NWTPH-Dx-Cleaned	5											
TPH - Motor Oil Range	NWTPH-Dx-Cleaned	10											

Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 7/11/2008	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 Reanalysis 7/11/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 7/9/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 Dilution 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 Dilution 7/9/2008	PL2-440B 9 - 10 2-40-PL2-440B-S-09-0 7/9/2008	PL2-441B 0 - 1 2-40-PL2-441B-S-01-0 7/15/2008	PL2-441B 4 - 5 2-40-PL2-441B-S-04-0 7/15/2008	PL2-441B 9 - 10 2-40-PL2-441B-S-09-0 7/15/2008	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 7/14/2008
VOCs (µg/kg)												
Chloromethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Bromomethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Vinyl Chloride	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Chloroethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Methylene Chloride	EPA 8260B	3.5 U	4.8 U	710 U		1100 U		2.1 U	2.6 U	2.7 U	3.6 U	2.4 U
Acetone	EPA 8260B	130 J	140	1000 U		1400 U		19	64 J	22 U	33	36 J
Carbon Disulfide	EPA 8260B	3.9 J	1.7 U	210 U		280 U		3	1.1 U	1.1 U	1.3 U	3.6 J
1,1-Dichloroethene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,1-Dichloroethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Chloroform	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,2-Dichloroethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
2-Butanone	EPA 8260B	20 J	26	1000 U		1400 U		5.4 U	9.2	5.7 U	6.4 U	5 U
1,1,1-Trichloroethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Carbon Tetrachloride	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Vinyl Acetate	EPA 8260B	8.7 U	8.4 U	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
Bromodichloromethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,2-Dichloropropane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
cis-1,3-Dichloropropene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Trichloroethene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1.6 J
Dibromochloromethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,1,2-Trichloroethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Benzene	EPA 8260B	8.7 J	10	730		280 U		1.3	1.1 U	1.1 U	1.3 U	1 U
trans-1,3-Dichloropropene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
2-Chloroethylvinylether	EPA 8260B	8.7 U	8.4 U	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
Bromoform	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Methyl isobutyl ketone	EPA 8260B	8.7 U	8.4 U	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
2-Hexanone	EPA 8260B	8.7 U	8.4 U	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
Tetrachloroethene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Toluene	EPA 8260B	2.1 J	2.3	840		280 U		1.1 U	1.6	1.1 U	1.3 U	1 U
Chlorobenzene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Ethylbenzene	EPA 8260B	1.8 U	1.7 U	410		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Styrene	EPA 8260B	1.8 U	1.7 U	210 U		400		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Trichlorofluoromethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	3.5 U	3.4 U	420 U		570 U		2.1 U	2.1 U	2.3 U	2.6 U	2 U
m,p-Xylene	EPA 8260B	1.8 U	1.7 U	630		300		1.1 U	1.1 U	1.1 U	1.3 U	1 U
o-Xylene	EPA 8260B	1.8 U	1.7 U	240		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,2-Dichlorobenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,3-Dichlorobenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,4-Dichlorobenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Acrolein	EPA 8260B	87 U	84 U	10000 U		14000 U		54 U	53 U	57 U	64 U	50 UJ
Methyl Iodide	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Bromoethane	EPA 8260B	3.5 U	3.4 U	420 U		570 U		2.1 U	2.1 U	2.3 U	2.6 U	2 U
Acrylonitrile	EPA 8260B	8.7 U	8.4 U	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
1,1-Dichloropropene	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Dibromomethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	8.7 UJ	8.4 UJ	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
1,2,3-Trichloropropane	EPA 8260B	3.5 UJ	3.4 UJ	420 U		570 U		2.1 U	2.1 U	2.3 U	2.6 U	2 U
trans-1,4-Dichloro-2-butene	EPA 8260B	8.7 UJ	8.4 UJ	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
1,3,5-Trimethylbenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	1.8 UJ	1.7 UJ	280		390		1.1 U	1.1 U	1.1 U	1.5	1 U
Hexachlorobutadiene	EPA 8260B	8.7 UJ	8.4 UJ	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
Ethylene Dibromide	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Bromochloromethane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
2,2-Dichloropropane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,3-Dichloropropane	EPA 8260B	1.8 U	1.7 U	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Isopropylbenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
n-Propylbenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
Bromobenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
2-Chlorotoluene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
4-Chlorotoluene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
tert-Butylbenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
sec-Butylbenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
4-Isopropyltoluene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
n-Butylbenzene	EPA 8260B	1.8 UJ	1.7 UJ	210 U		280 U		1.1 U	1.1 U	1.1 U	1.3 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	8.7 UJ	8.4 UJ	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 UJ
Naphthalene	EPA 8260B	8.7 UJ	8.4 UJ	21000		24000		5.4 U	5.3 U	5.7 U	6.4 U	5 U
1,2,3-Trichlorobenzene	EPA 8260B	8.7 UJ	8.4 UJ	1000 U		1400 U		5.4 U	5.3 U	5.7 U	6.4 U	5 U
SVOCs (µg/kg)												

Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 7/11/2008	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 Reanalysis 7/11/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 7/9/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 Dilution 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 Dilution 7/9/2008	PL2-440B 9 - 10 2-40-PL2-440B-S-09-0 7/9/2008	PL2-441B 0 - 1 2-40-PL2-441B-S-01-0 7/15/2008	PL2-441B 4 - 5 2-40-PL2-441B-S-04-0 7/15/2008	PL2-441B 9 - 10 2-40-PL2-441B-S-09-0 7/15/2008	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 7/14/2008
Phenol	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
bis(2-Chloroethyl)ether	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
2-Chlorophenol	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
1,3-Dichlorobenzene	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
1,4-Dichlorobenzene	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Benzyl Alcohol	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
1,2-Dichlorobenzene	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
2-Methylphenol	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
2,2'-Oxybis(1-Chloropropane)	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
4-Methylphenol	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
N-Nitroso-Di-N-Propylamine	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
Hexachloroethane	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Nitrobenzene	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Isophorone	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
2-Nitrophenol	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
2,4-Dimethylphenol	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Benzoic Acid	EPA 8270D			3300 UR	13000 UR	4800 UR	19000 UR	600 UR				
bis(2-Chloroethoxy)methane	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
2,4-Dichlorophenol	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
1,2,4-Trichlorobenzene	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Naphthalene	EPA 8270D			38000 E	58000	58000 E	82000	60 U				
4-Chloroaniline	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
Hexachlorobutadiene	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
4-Chloro-3-methylphenol	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
2-Methylnaphthalene	EPA 8270D			7300	9000	53000 E	67000	60 U				
Hexachlorocyclopentadiene	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
2,4,6-Trichlorophenol	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
2,4,5-Trichlorophenol	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
2-Chloronaphthalene	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
2-Nitroaniline	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
Dimethylphthalate	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Acenaphthylene	EPA 8270D			3700	5000	3800	4200	60 U				
3-Nitroaniline	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
Acenaphthene	EPA 8270D			17000	24000	940	1900 U	60 U				
2,4-Dinitrophenol	EPA 8270D			3300 UR	13000 UR	4800 UR	19000 UR	600 UR				
4-Nitrophenol	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
Dibenzofuran	EPA 8270D			3400	4200	32000	39000	60 U				
2,6-Dinitrotoluene	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
2,4-Dinitrotoluene	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
Diethylphthalate	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
4-Chlorophenyl-phenylether	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Fluorene	EPA 8270D			9800	12000	940	1900 U	60 U				
4-Nitroaniline	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
4,6-Dinitro-2-Methylphenol	EPA 8270D			3300 U	13000 U	4800 U	19000 U	600 U				
N-Nitrosodiphenylamine	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
4-Bromophenyl-phenylether	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Hexachlorobenzene	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Pentachlorophenol	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
Phenanthrene	EPA 8270D			46000 E	68000	88000 E	120000	60 U				
Carbazole	EPA 8270D			2600	3200	7400	8200	60 U				
Anthracene	EPA 8270D			13000	16000	6700	7500	60 U				
Di-n-Butylphthalate	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Fluoranthene	EPA 8270D			35000 E	50000	62000 E	76000	60 U				
Pyrene	EPA 8270D			43000 E	60000	48000 E	61000	60 U				
Butylbenzylphthalate	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
3,3'-Dichlorobenzidine	EPA 8270D			1600 U	6600 U	2400 U	9700 U	300 U				
Benzo(a)anthracene	EPA 8270D			16000	20000	20000	22000	60 U				
bis(2-Ethylhexyl)phthalate	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Chrysene	EPA 8270D			17000	21000	21000	24000	60 U				
Di-n-octylphthalate	EPA 8270D			330 U	1300 U	480 U	1900 U	60 U				
Benzo(b)fluoranthene	EPA 8270D			12000	12000	17000	18000	60 U				
Benzo(k)fluoranthene	EPA 8270D			12000	15000	17000	16000	60 U				
Benzo(a)pyrene	EPA 8270D			16000	19000	8800	9600	60 U				
Indeno(1,2,3-cd)pyrene	EPA 8270D			6300	8200	7300	8400	60 U				
Dibenz(a,h)anthracene	EPA 8270D			2600	2200	3100	2500	60 U				
Benzo(g,h,i)perylene	EPA 8270D			6500	8900	5800	7000	60 U				
1-Methylnaphthalene	EPA 8270D			11000	13000	74000 E	98000	60 U				
Naphthalene	EPA 8270DSIM			44000	45000	92000	95000	14				
2-Methylnaphthalene	EPA 8270DSIM			7400	7300	99000	94000	6.7				
1-Methylnaphthalene	EPA 8270DSIM			16000	15000	150000	140000	9.5				
Acenaphthylene	EPA 8270DSIM			6300	5800	5700	3800 U	4.8 U				
Acenaphthene	EPA 8270DSIM			53000	52000	1500 U	3800 U	4.8 U				
Fluorene	EPA 8270DSIM			26000	27000	1500 U	3800 U	4.8 U				

Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 7/11/2008	PL2-435B 9 - 10 2-40-PL2-435B-S-09-0 Reanalysis 7/11/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 7/9/2008	PL2-440B 0 - 1 2-40-PL2-440B-S-01-0 Dilution 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 7/9/2008	PL2-440B 4 - 5 2-40-PL2-440B-S-04-0 Dilution 7/9/2008	PL2-440B 9 - 10 2-40-PL2-440B-S-09-0 7/9/2008	PL2-441B 0 - 1 2-40-PL2-441B-S-01-0 7/15/2008	PL2-441B 4 - 5 2-40-PL2-441B-S-04-0 7/15/2008	PL2-441B 9 - 10 2-40-PL2-441B-S-09-0 7/15/2008	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 7/14/2008
Phenanthrene	EPA 8270DSIM			150000 E	160000	230000 E	230000	12				
Anthracene	EPA 8270DSIM			39000	39000	8900	3800 U	4.8 U				
Fluoranthene	EPA 8270DSIM			130000 E	120000	160000 E	140000	8.6				
Pyrene	EPA 8270DSIM			130000 E	150000	110000	110000	7.6				
Benzo(a)anthracene	EPA 8270DSIM			46000	47000	48000	45000	4.8 U				
Chrysene	EPA 8270DSIM			46000	48000	49000	45000	4.8 U				
Benzo(b)fluoranthene	EPA 8270DSIM			30000	32000	40000	37000	4.8 U				
Benzo(k)fluoranthene	EPA 8270DSIM			30000	37000	37000	41000	4.8 U				
Benzo(a)pyrene	EPA 8270DSIM			45000	45000	19000	19000	4.8 U				
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM			18000	20000	16000	18000	4.8 U				
Dibenz(a,h)anthracene	EPA 8270DSIM			5200	6200	4800	7700	4.8 U				
Benzo(g,h,i)perylene	EPA 8270DSIM			19000	22000	14000	17000	4.8 U				
Dibenzofuran	EPA 8270DSIM			4800	4700	53000	58000	4.8 U				
PCBs (µg/kg)												
Aroclor 1016	EPA 8082			5500 U		6200 U		31 U				32 U
Aroclor 1242	EPA 8082			5500 U		6200 U		31 U				32 U
Aroclor 1248	EPA 8082			5500 U		6200 U		31 U				32 U
Aroclor 1254	EPA 8082			5500 U		6200 U		31 U				32 U
Aroclor 1260	EPA 8082			5500 U		6200 U		31 U				32 U
Aroclor 1221	EPA 8082			5500 U		6200 U		31 U				32 U
Aroclor 1232	EPA 8082			5500 U		6200 U		31 U				32 U
Aroclor 1262	EPA 8082			5500 U		6200 U		31 U				32 U
Aroclor 1268	EPA 8082			5500 U		6200 U		31 U				32 U
Total PCB	EPA 8082			5500 U		6200 U		31 U				32 U
Inorganics (mg/kg)												
Aluminum	EPA 6010B	25700		12600		2910		14900	8990	12400	9700	12900
Antimony	EPA 6010B	8 UJ		6 UJ		7 UJ		7 UJ	5 UJ	5 UJ	6 UJ	5 UJ
Arsenic	EPA 6010B	11		7		11		7 U	5 U	5 U	6 U	5 U
Barium	EPA 6010B	96.4		377		20.7		40.9	36.1	56.7	32	51.3
Beryllium	EPA 6010B	0.5		0.6		0.1 U		0.2	0.1	0.2	0.1	0.2
Cadmium	EPA 6010B	0.5		0.3 U		1.1		0.3 U	0.2	0.2 U	0.2 U	0.2 U
Calcium	EPA 6010B	7110		7430		46700		6430	4980	5240	4900	4310
Chromium	EPA 6010B	29.7		14.1		12.4		16.3	11.9	14.8	10.2	29.1
Cobalt	EPA 6010B	10.2		8.6		0.4 U		3.9	4.9	4.9	3.7	6.4
Copper	EPA 6010B	48.7		79.4		0.3		19	15.1	17.9	10.9	12
Iron	EPA 6010B	29700		10600		21000		12900	13600	15800	10400	15800
Lead	EPA 6010B	17		68		107		3 U	8	6	2 U	3
Magnesium	EPA 6010B	7300		1380		312		2670	2720	3190	2040	5920
Manganese	EPA 6010B	361		97.5		137		96.6	168	163	92.3	317
Mercury	EPA 7471A	0.13		1.18		38		0.05 U	0.04 U	0.05	0.05 U	0.05 U
Molybdenum	EPA 6010B	1.3		3.8		1		0.8	0.8	0.9	0.8	0.6
Nickel	EPA 6010B	24		59		1 U		9	10	12	7	39
Selenium	EPA 6010B	8 U		6 U		7 U		7 U	5 U	5 U	6 U	5 U
Silver	EPA 6010B	0.5 U		0.4 U		0.4 U		0.4 U	0.3 U	0.3 U	0.3 U	0.3 U
Thallium	EPA 7841	0.2		0.1 U		0.1 U		0.1 U	0.2	0.1 U	0.1 U	0.1
Tin	EPA 6010B	2		4		54		1 U	1 U	1 U	1 U	1 U
Vanadium	EPA 6010B	80.9		90.4		9.1		54.2	45.7	50.2	38.3	39
Zinc	EPA 6010B	75		45		314		34	47	46	21	29
Cyanide	EPA 335.2	0.276		31.3		1130		0.405	0.051 U	0.056 U	0.059 U	0.049 U
Chromium(VI)	SM3500CrD											
Total Solids (%)	EPA 160.3	62.1		75.8		65.5		69.7	95.5	85.4	83.7	96
Total Organic Carbon (%)	Plumb 1981											
Petroleum Hydrocarbons (mg/kg)												
TPH - Gasoline Range	NWTPH-Gx			66 J		160 J		7.5 U				5.3 U
TPH - Diesel Range	NWTPH-Dx-Cleaned			460 J		340 J		6.8 U				5.2 U
TPH - Motor Oil Range	NWTPH-Dx-Cleaned			430 J		300 J		14 U				10 U

Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 Reanalysis 7/14/2008	PL2-442B 4 - 5 2-40-PL2-442B-S-04-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 Reanalysis 7/14/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 7/9/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 Reanalysis 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 Reanalysis 7/9/2008	PL2-443B 9 - 10 2-40-PL2-443B-S-09-0 7/9/2008	PL2-608A 0 - 1 2-40-PL2-608A-S-01-0 7/9/2008
VOCs (µg/kg)											
Chloromethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Bromomethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Vinyl Chloride	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Chloroethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Methylene Chloride	EPA 8260B	2.6 U	2.2 U	2.2 U	2.3 U	1.7 U	1.7 U	1.8 U	2.1 U	2.4 U	2 U
Acetone	EPA 8260B	28	180	23 J	33	32 J	36	46 J	53	100	25 J
Carbon Disulfide	EPA 8260B	1.9	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,1-Dichloroethene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,1-Dichloroethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
trans-1,2-Dichloroethene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
cis-1,2-Dichloroethene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Chloroform	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,2-Dichloroethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
2-Butanone	EPA 8260B	4.9 U	8.7	5.6 U	5.7 U	4.3 U	4.2 U	5 J	3.9 U	6.5	5 U
1,1,1-Trichloroethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Carbon Tetrachloride	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Vinyl Acetate	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
Bromodichloromethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,2-Dichloropropane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
cis-1,3-Dichloropropene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Trichloroethene	EPA 8260B	2.1	10	1.1 U	1.4	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Dibromochloromethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,1,2-Trichloroethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Benzene	EPA 8260B	1.2	1.4	1.1 U	1.1 U	1.2 J	0.9	1.2 J	0.8	1.3	1 U
trans-1,3-Dichloropropene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
2-Chloroethylvinylether	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
Bromoform	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Methyl isobutyl ketone	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
2-Hexanone	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
Tetrachloroethene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,1,2,2-Tetrachloroethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Toluene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Chlorobenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Ethylbenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Styrene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Trichlorofluoromethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,1,2-Trichlorotrifluoroethane	EPA 8260B	2 U	2.1 U	2.2 U	2.3 U	1.7 U	1.7 U	1.8 U	1.6 U	2.4 U	2 U
m,p-Xylene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
o-Xylene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,2-Dichlorobenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,3-Dichlorobenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,4-Dichlorobenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Acrolein	EPA 8260B	49 UJ	54 U	56 U	57 U	43 U	42 U	46 U	39 U	60 U	50 U
Methyl Iodide	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Bromoethane	EPA 8260B	2 U	2.1 U	2.2 U	2.3 U	1.7 U	1.7 U	1.8 U	1.6 U	2.4 U	2 U
Acrylonitrile	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
1,1-Dichloropropene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Dibromomethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,1,1,2-Tetrachloroethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,2-Dibromo-3-chloropropane	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
1,2,3-Trichloropropane	EPA 8260B	2 U	2.1 U	2.2 U	2.3 U	1.7 U	1.7 U	1.8 U	1.6 U	2.4 U	2 U
trans-1,4-Dichloro-2-butene	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
1,3,5-Trimethylbenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,2,4-Trimethylbenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Hexachlorobutadiene	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
Ethylene Dibromide	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Bromochloromethane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
2,2-Dichloropropane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,3-Dichloropropane	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Isopropylbenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
n-Propylbenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
Bromobenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
2-Chlorotoluene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
4-Chlorotoluene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
tert-Butylbenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
sec-Butylbenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
4-Isopropyltoluene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
n-Butylbenzene	EPA 8260B	1 U	1.1 U	1.1 U	1.1 U	0.9 U	0.8 U	0.9 U	0.8 U	1.2 U	1 U
1,2,4-Trichlorobenzene	EPA 8260B	4.9 UJ	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
Naphthalene	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
1,2,3-Trichlorobenzene	EPA 8260B	4.9 U	5.4 U	5.6 U	5.7 U	4.3 U	4.2 U	4.6 U	3.9 U	6 U	5 U
SVOCs (µg/kg)											

Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 Reanalysis 7/14/2008	PL2-442B 4 - 5 2-40-PL2-442B-S-04-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 Reanalysis 7/14/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 7/9/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 Reanalysis 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 Reanalysis 7/9/2008	PL2-443B 9 - 10 2-40-PL2-443B-S-09-0 7/9/2008	PL2-608A 0 - 1 2-40-PL2-608A-S-01-0 7/9/2008
Phenol	EPA 8270D					58 U		60 U		57 U	
bis(2-Chloroethyl)ether	EPA 8270D					58 U		60 U		57 U	
2-Chlorophenol	EPA 8270D					58 U		60 U		57 U	
1,3-Dichlorobenzene	EPA 8270D					58 U		60 U		57 U	
1,4-Dichlorobenzene	EPA 8270D					58 U		60 U		57 U	
Benzyl Alcohol	EPA 8270D					58 U		60 U		57 U	
1,2-Dichlorobenzene	EPA 8270D					58 U		60 U		57 U	
2-Methylphenol	EPA 8270D					58 U		60 U		57 U	
2,2'-Oxybis(1-Chloropropane)	EPA 8270D					58 U		60 U		57 U	
4-Methylphenol	EPA 8270D					58 U		60 U		57 U	
N-Nitroso-Di-N-Propylamine	EPA 8270D					290 U		300 U		290 U	
Hexachloroethane	EPA 8270D					58 U		60 U		57 U	
Nitrobenzene	EPA 8270D					58 U		60 U		57 U	
Isophorone	EPA 8270D					58 U		60 U		57 U	
2-Nitrophenol	EPA 8270D					58 U		60 U		57 U	
2,4-Dimethylphenol	EPA 8270D					58 U		60 U		57 U	
Benzoic Acid	EPA 8270D					580 UR		600 U		570 UR	
bis(2-Chloroethoxy)methane	EPA 8270D					58 U		60 U		57 U	
2,4-Dichlorophenol	EPA 8270D					290 U		300 U		290 U	
1,2,4-Trichlorobenzene	EPA 8270D					58 U		60 U		57 U	
Naphthalene	EPA 8270D					58 U		60 U		240	
4-Chloroaniline	EPA 8270D					290 U		300 U		290 U	
Hexachlorobutadiene	EPA 8270D					58 U		60 U		57 U	
4-Chloro-3-methylphenol	EPA 8270D					290 U		300 U		290 U	
2-Methylnaphthalene	EPA 8270D					58 U		60 U		280	
Hexachlorocyclopentadiene	EPA 8270D					290 U		300 U		290 U	
2,4,6-Trichlorophenol	EPA 8270D					290 U		300 U		290 U	
2,4,5-Trichlorophenol	EPA 8270D					290 U		300 U		290 U	
2-Chloronaphthalene	EPA 8270D					58 U		60 U		57 U	
2-Nitroaniline	EPA 8270D					290 U		300 U		290 U	
Dimethylphthalate	EPA 8270D					58 U		60 U		57 U	
Acenaphthylene	EPA 8270D					58 U		60 U		57 U	
3-Nitroaniline	EPA 8270D					290 U		300 U		290 U	
Acenaphthene	EPA 8270D					58 U		60 U		57 U	
2,4-Dinitrophenol	EPA 8270D					580 UR		600 UJ		570 UR	
4-Nitrophenol	EPA 8270D					290 U		300 U		290 U	
Dibenzofuran	EPA 8270D					58 U		60 U		310	
2,6-Dinitrotoluene	EPA 8270D					290 U		300 U		290 U	
2,4-Dinitrotoluene	EPA 8270D					290 U		300 U		290 U	
Diethylphthalate	EPA 8270D					58 U		60 U		57 U	
4-Chlorophenyl-phenylether	EPA 8270D					58 U		60 U		57 U	
Fluorene	EPA 8270D					58 U		60 U		57 U	
4-Nitroaniline	EPA 8270D					290 U		300 U		290 U	
4,6-Dinitro-2-Methylphenol	EPA 8270D					580 U		600 U		570 U	
N-Nitrosodiphenylamine	EPA 8270D					58 U		60 U		57 U	
4-Bromophenyl-phenylether	EPA 8270D					58 U		60 U		57 U	
Hexachlorobenzene	EPA 8270D					58 U		60 U		57 U	
Pentachlorophenol	EPA 8270D					290 U		300 U		290 U	
Phenanthrene	EPA 8270D					58 U		60 U		1400	
Carbazole	EPA 8270D					58 U		60 U		64	
Anthracene	EPA 8270D					58 U		60 U		57 U	
Di-n-Butylphthalate	EPA 8270D					58 U		60 U		57 U	
Fluoranthene	EPA 8270D					58 U		60 U		960	
Pyrene	EPA 8270D					58 U		60 U		780	
Butylbenzylphthalate	EPA 8270D					58 U		60 U		57 U	
3,3'-Dichlorobenzidine	EPA 8270D					290 U		300 U		290 U	
Benzo(a)anthracene	EPA 8270D					58 U		60 U		320	
bis(2-Ethylhexyl)phthalate	EPA 8270D					190		60 U		57 U	
Chrysene	EPA 8270D					58 U		60 U		340	
Di-n-octylphthalate	EPA 8270D					58 U		60 U		57 U	
Benzo(b)fluoranthene	EPA 8270D					58 U		60 U		250	
Benzo(k)fluoranthene	EPA 8270D					58 U		60 U		250	
Benzo(a)pyrene	EPA 8270D					58 U		60 U		150	
Indeno(1,2,3-cd)pyrene	EPA 8270D					58 U		60 U		150	
Dibenz(a,h)anthracene	EPA 8270D					58 U		60 U		60	
Benzo(g,h,i)perylene	EPA 8270D					58 U		60 U		140	
1-Methylnaphthalene	EPA 8270D					58 U		60 U		460	
Naphthalene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
2-Methylnaphthalene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
1-Methylnaphthalene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Acenaphthylene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Acenaphthene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Fluorene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	

Table 5-2c:
2-40s Area Soil Analysis Results - Well Samples
Boeing Plant 2

Constituent	Analytical Method	PL2-442B 0 - 1 2-40-PL2-442B-S-01-0 Reanalysis 7/14/2008	PL2-442B 4 - 5 2-40-PL2-442B-S-04-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 7/14/2008	PL2-442B 9 - 10 2-40-PL2-442B-S-09-0 Reanalysis 7/14/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 7/9/2008	PL2-443B 0 - 1 2-40-PL2-443B-S-01-0 Reanalysis 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 7/9/2008	PL2-443B 4 - 5 2-40-PL2-443B-S-04-0 Reanalysis 7/9/2008	PL2-443B 9 - 10 2-40-PL2-443B-S-09-0 7/9/2008	PL2-608A 0 - 1 2-40-PL2-608A-S-01-0 7/9/2008
Phenanthrene	EPA 8270DSIM					4.9 U		10		4.6 U	
Anthracene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Fluoranthene	EPA 8270DSIM					5.9		9		4.6 U	
Pyrene	EPA 8270DSIM					5.4		6.2		4.6 U	
Benzo(a)anthracene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Chrysene	EPA 8270DSIM					4.9 U		5.2		4.6 U	
Benzo(b)fluoranthene	EPA 8270DSIM					4.9 U		4.8		4.6 U	
Benzo(k)fluoranthene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Benzo(a)pyrene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Indeno(1,2,3-cd)pyrene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Dibenz(a,h)anthracene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Benzo(g,h,i)perylene	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
Dibenzofuran	EPA 8270DSIM					4.9 U		4.8 U		4.6 U	
PCBs (µg/kg)											
Aroclor 1016	EPA 8082		32 U	32 U							
Aroclor 1242	EPA 8082		32 U	32 U							
Aroclor 1248	EPA 8082		32 U	32 U							
Aroclor 1254	EPA 8082		32 U	32 U							
Aroclor 1260	EPA 8082		32 U	32 U							
Aroclor 1221	EPA 8082		32 U	32 U							
Aroclor 1232	EPA 8082		32 U	32 U							
Aroclor 1262	EPA 8082		32 U	32 U							
Aroclor 1268	EPA 8082		32 U	32 U							
Total PCB	EPA 8082		32 U	32 U							
Inorganics (mg/kg)											
Aluminum	EPA 6010B		14200	19200		11200		12900		12200	12300
Antimony	EPA 6010B		6 UJ	6 UJ		5 UJ		5 UJ		6 UJ	5 UJ
Arsenic	EPA 6010B		6 U	7		5 U		5 U		6 U	5 U
Barium	EPA 6010B		49.8	74.7		37.8		40.7		37.7	45.8
Beryllium	EPA 6010B		0.2	0.3		0.1		0.2		0.2	0.2
Cadmium	EPA 6010B		0.2 U	0.3 U		0.2 U		0.2 U		0.3	0.2 U
Calcium	EPA 6010B		5480	6380		4750		5280		4970	4920
Chromium	EPA 6010B		16.7	22.8		15.6		14.8		14.5	31.8
Cobalt	EPA 6010B		5.4	6.9		5.1		5.2		4.5	6.1
Copper	EPA 6010B		18.1	29.9		16.9		15		16.5	11.4
Iron	EPA 6010B		17400	24300		16300		16100		16400	15000
Lead	EPA 6010B		8	7		4		5		5	3
Magnesium	EPA 6010B		3640	4630		3210		3310		3140	5930
Manganese	EPA 6010B		177	202		149		172		123	266
Mercury	EPA 7471A		0.05 U	0.1		0.04 U		0.05		0.06 U	0.04 U
Molybdenum	EPA 6010B		0.8	0.9		0.7		0.7		0.9	0.5
Nickel	EPA 6010B		13	17		11		10		10	38
Selenium	EPA 6010B		6 U	6 U		5 U		5 U		6 U	5 U
Silver	EPA 6010B		0.3 U	0.4 U		0.3 U		0.3 U		0.4 U	0.3 U
Thallium	EPA 7841		0.1 U	0.1 U		0.1 U		0.2		0.1 U	0.1
Tin	EPA 6010B		1 U	1 U		1 U		1 U		1 U	1 U
Vanadium	EPA 6010B		51.8	63.5		48.5		48.5		47.9	38.2
Zinc	EPA 6010B		36	44		39		35		32	27
Cyanide	EPA 335.2		0.057 U	0.066 U		0.049 U		0.121		0.104	
Chromium(VI)	SM3500CrD					0.428 UJ		0.441 UJ		0.856 J	
Total Solids (%)	EPA 160.3		85.3	72.2		93		89.2		73	
Total Organic Carbon (%)	Plumb 1981										
Petroleum Hydrocarbons (mg/kg)											
TPH - Gasoline Range	NWTPH-Gx		7.3 U	6.8 U							
TPH - Diesel Range	NWTPH-Dx-Cleaned		6.2 U	6.2 U							
TPH - Motor Oil Range	NWTPH-Dx-Cleaned		12 U	12 U							

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Boeing Plant 2
Seattle/Tukwila, Washington

Uplands Corrective Measures Study
Volume VIb: 2-40s Area

Data Gap Investigation Report

Part 1 of 3

Figures

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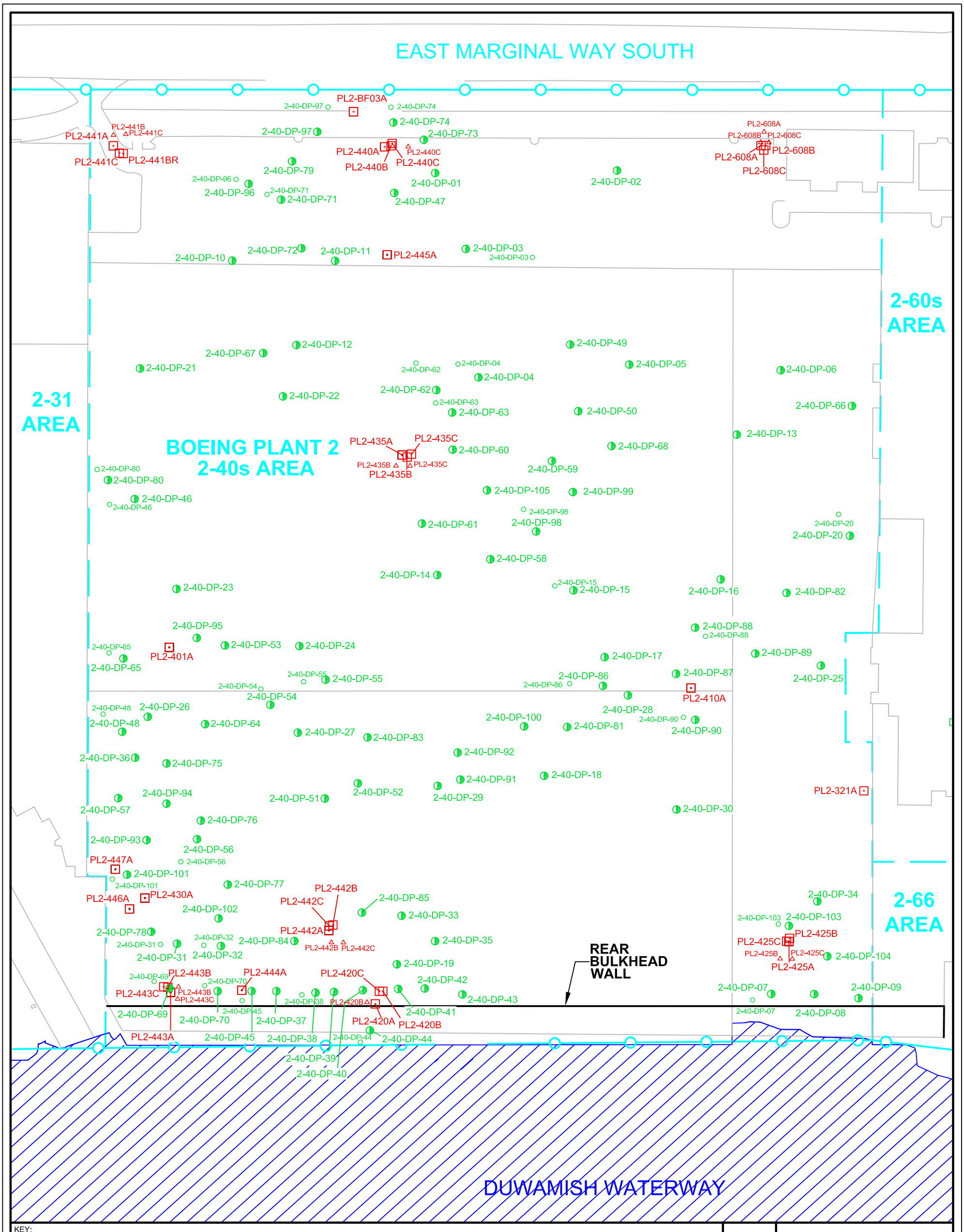

KEY:

- AREA BOUNDARY
- PROPERTY BOUNDARY
- ONSITE BUILDING OR ROAD STRUCTURE
- PL2-435A — ACTUAL MONITORING WELL LOCATION
- PL2-435A — PROPOSED MONITORING WELL LOCATION
- 2-40-DP-11 — ACTUAL DIRECT PUSH PROBE LOCATION
- 2-40-DP-11 — PROPOSED DIRECT PUSH PROBE LOCATION

N

0 30' 60' 120'

SCALE: 1" = 120'

MAP PROJECTION: WASHINGTON STATE PLANE, NORTH ZONE, NAD 83.

PROJECT	BOEING PLANT 2
PREPARED FOR	THE BOEING COMPANY
LOCATION	7725 EAST MARGINAL WAY SEATTLE / TUKWILA, WASHINGTON

SHEET	DRAWN BY	REVIEWED BY	DATE
1 of 1	MMH	DCK	05/15/09

ENVIRONMENTAL PARTNERS INC
295 NE Gilman Boulevard, Suite 201
Issaquah, Washington 98027

FIGURE 2-1

2-40s AREA
PROPOSED AND ACTUAL SAMPLING LOCATIONS FOR CMS DATA GAPS

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Boeing Plant 2
Seattle/Tukwila, Washington

Uplands Corrective Measures Study
Volume VIb: 2-40s Area

Data Gap Investigation Report

Part 1 of 3

Attachment A
Geologic Logs and Monitoring Well As-Built Information

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RECORD OF BOREHOLE 2-40-DP-01

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/25/08
DATE COMPLETED: 6/26/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,385.1 E: 1,275,757.6
GS ELEVATION: 12.9 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.0 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 6/26/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 1.0 CONCRETE			11.9					
		1.0 - 1.5 Brown, fine SAND, with fine to medium Gravel, dry, no odor (SUB-BASE)			11.4 1.5					
	10	1.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		7.9	1	GRAB	0.0	4.0/5.0	
5		5.0 - 6.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.4					
		6.5 - 7.0 Dark gray to black, fine SAND, some Silt, moist at 7.0 ft bgs, some wood fragments, no odor (SM)	SM		5.9					
	5		CL		7.0 4.9	2	GRAB	0.0	5.0/5.0	
		7.0 - 8.0 Gray, CLAY, moist, low plasticity, no odor (CL)	ML		4.4					
		8.0 - 8.5 Gray, SILT, little fine Sand, moist, no odor (ML)	SP		8.5 2.9					
10		8.5 - 10.0 Gray, poorly graded, fine SAND, wet, no odor (SP)			10.0					
	0	10.0 - 13.5 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-0.6	3	GRAB	0.0	4.0/4.0	▼
		13.5 - 14.0 Gray, rhythmic laminated SILT and fine SAND, wet, no odor (SM)	SM		-1.1					
15		14.0 - 19.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		14.0	4	GRAB	0.0	5.0/5.0	
	-5				-6.1					
20		19.0 - 24.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		19.0	5	GRAB	0.0	5.0/5.0	
	-10				-11.1					
25		24.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		24.0	6	GRAB	0.0	5.0/5.0	
	-15				-16.1					
30		29.0 - 34.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		29.0	7	GRAB	0.0	5.0/5.0	
	-20				-21.1					
35		34.0 - 39.0 Dark gray, medium to coarse SAND, trace fine gravel to 35.0 ft bgs, wet, 1/4-inch thick fine Sandy Clay lenses at 36.5 and 38.0 ft bgs, no odor (SP)	SP		34.0	8	GRAB	0.0	5.0/5.0	
	-25				-26.1					
40			SP		39.0	9	GRAB	0.0	5.0/5.0	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-01

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/25/08
DATE COMPLETED: 6/26/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,385.1 E: 1,275,757.6
GS ELEVATION: 12.9 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.0 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 6/26/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 44.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP) *(Continued)*	SP		-31.1	9	GRAB	0.0	5.0/5.0	
45	-30	44.0 - 46.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		44.0 -33.6	10	GRAB	0.0	5.0/5.0	
	-35	46.5 - 49.0 Light gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		46.5 -36.1					
50		49.0 - 54.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		49.0 -41.1	11	GRAB	0.0	5.0/5.0	
55	-40	54.0 - 56.0 Light gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		54.0 -43.1					
	-45	56.0 - 60.0 Dark gray to black, fine SAND, little Clay, wet, no odor (SP)	SP		56.0 -47.1	12	GRAB	0.0	5.0/5.0	
60		60.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0	13	GRAB	0.0	5.0/5.0	
	-50				-52.1	14	GRAB		1.0/-	
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-02

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/26/08
DATE COMPLETED: 6/27/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,229.7 E: 1,275,935.1
GS ELEVATION: 13.8 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 11.0 ft
ELEVATION W.L.: 2.8 ft
DATE W.L.: 6/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.3 0.5					
		0.5 - 5.0 Brown, fine to medium SAND, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
	10				8.8					
5		5.0 - 7.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		5.0 6.8					
		7.0 - 7.5 Red-brown to gray, SILTY CLAY, low plasticity, dry, no odor (CL)	CL		6.3	2	GRAB	0.0	5.0/5.0	
		7.5 - 9.5 Gray, poorly graded, fine SAND, moist at 9.5 ft bgs, no odor (SP)	SP		7.5 4.3					
	5	9.5 - 9.7 Gray, fine SANDY SILT, moist, no odor (ML)	ML							
10		9.7 - 10.0 Gray, poorly graded, fine SAND, wet at 9.75 ft bgs, no odor (SP)	SP		10.0 2.8					▼
		10.0 - 11.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP							
		11.0 - 13.3 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC		11.0 0.5	3	GRAB	0.0	4.0/4.0	
	0	13.3 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-0.2					
15		14.0 - 20.0 Dark gray to black, fine SAND, some Silt, wet, no odor (SM)	SM		14.0	4	GRAB	0.0	5.0/5.0	
	-5				-6.2					
20		20.0 - 24.3 Dark gray, fine SAND, some Silt, wet, no odor (SM)	SM		20.0	5	GRAB	0.0	5.0/5.0	
	-10				-10.5					
		24.3 - 25.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-11.2					
25		25.0 - 28.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		25.0	6	GRAB	0.0	5.0/5.0	
	-15				-14.7					
		28.5 - 30.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		28.5 -16.2					
30		30.0 - 33.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		30.0	7	GRAB	0.0	5.0/5.0	
	-20				-19.2					
		33.0 - 35.0 Dark gray to black, coarse SAND, wet, no odor (SP)	SP		33.0 -21.2					
35		35.0 - 40.0 Dark gray to black, medium to coarse SAND, trace fine Gravel, wet, no odor (SP)	SP		35.0	8	GRAB	0.0	5.0/5.0	
	-25				-26.2					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-02

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/26/08
DATE COMPLETED: 6/27/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,229.7 E: 1,275,935.1
GS ELEVATION: 13.8 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 11.0 ft
ELEVATION W.L.: 2.8 ft
DATE W.L.: 6/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 42.0 Dark gray to black, poorly graded, coarse SAND, wet, no odor (SP)	SP		40.0 -28.2					
	-30	42.0 - 44.8 Gray, SILT, some fine Sand, wet, no odor (ML)	ML		42.0 -31.0	9	GRAB	0.0	5.0/5.0	
45		44.8 - 45.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		45.0					
	-35	45.0 - 49.0 Dark gray to black, SILTY fine SAND, with organic matter, wet, large wood fragment at 47.5 ft bgs, no odor (SM)	SM		-35.2	10	GRAB	0.0	5.0/5.0	
50		49.0 - 50.0 Gray, fine SAND, some Silt, wet, no odor (SM)	SM		49.0 -36.2					
		50.0 - 52.5 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC		50.0 -38.7					
		52.5 - 53.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-39.2	11	GRAB	0.0	5.0/5.0	
	-40	53.0 - 55.0 Light gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		53.0 -41.2					
55		55.0 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0 -46.2	12	GRAB	0.0	5.0/5.0	
60	-45	60.0 - 65.0 LITTLE RECOVERY; black fine sand	SP		60.0 -51.2	13	GRAB	0.0	2.5/5.0	
65	-50	Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-03

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/25/08
DATE COMPLETED: 6/27/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,285.4 E: 1,275,721.3
GS ELEVATION: 13.7 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 11.0 ft
ELEVATION W.L.: 2.7 ft
DATE W.L.: 6/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE	SP		13.2 12.7					
		0.5 - 1.0 Brown, fine SAND, with fine to coarse Gravel, dry, no odor (FILL) 1.0 - 3.5 Brown, fine to medium SAND, dry, no odor (SP)	SP		1.0 10.2	1	GRAB	0.0	4.5/5.0	
	10	3.5 - 3.7 Red-brown, SILT, dry, no odor (ML)	ML		3.7					
		3.7 - 5.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		8.7					
5		5.0 - 6.5 Brown, fine to medium SAND, dry, no odor (SP)	SP		5.0 7.2					
		6.5 - 7.0 Red-brown, SILTY fine SAND, moist, no odor (SM)	SM		6.7					
			ML		6.2					
		7.0 - 7.5 Red-brown and gray, fine SANDY SILT, moist, wood fragments at 7.5 ft bgs, no odor (ML)	CL		5.7 8.0	2	GRAB	35.5	5.0/5.0	
	5		ML		4.7					
		7.5 - 8.0 Dark gray, CLAY, moist, low plasticity, no odor (CL)	CL SC		3.7					
10		8.0 - 9.0 Dark brown to gray, SILT and fine SAND, moist, no odor (ML) 9.0 - 9.3 Gray, CLAY, wet, low plasticity, no odor (CL) 9.3 - 10.0 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC		10.0	3	GRAB	212	4.0/4.0	▼
	0	10.0 - 14.0 Gray, fine SAND, some Clay, wet, TPH odor (SC)			-0.3					
		14.0 - 15.3 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		14.0 -1.5					
15		15.3 - 19.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		15.3	4	GRAB	0.0	5.0/5.0	
	-5				-5.3					
20		19.0 - 24.0 Dark gray to black, medium SAND, some coarse Sand, wet, no odor (SP)	SP		19.0	5	GRAB	0.3	5.0/5.0	
	-10				-10.3					
25		24.0 - 29.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		24.0	6	GRAB	0.0	5.0/5.0	
	-15				-15.3					
30		29.0 - 34.0 Dark gray to black, coarse SAND, wet, trace fine gravel at 31 - 32 ft bgs, no odor (SP)	SP		29.0	7	GRAB	0.0	5.0/5.0	
	-20				-20.3					
35		34.0 - 39.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP		34.0	8	GRAB	0.0	5.0/5.0	
	-25				-25.3					
40			SP		39.0	9	GRAB	0.0	5.0/5.0	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-03

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/25/08
DATE COMPLETED: 6/27/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,285.4 E: 1,275,721.3
GS ELEVATION: 13.7 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 11.0 ft
ELEVATION W.L.: 2.7 ft
DATE W.L.: 6/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 45.0 Dark gray to black, coarse SAND, trace fine Gravel, wet, 1/2-inch soft gray low plasticity Clay at 44.5 and 44. 75 ft bgs, no odor (SP) *(Continued)*	SP			9	GRAB	0.0	5.0/5.0	
	-30				-31.3					
45		45.0 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		45.0	10	GRAB	0.0	5.0/5.0	
	-35				-36.3					
50		50.0 - 52.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		50.0	11	GRAB	0.0	5.0/5.0	
		52.0 - 55.0 Dark gray to black, SILTY fine SAND, little organic matter and small wood fragments, wet, no odor (SM)	SM		-38.3 52.0					
	-40				-41.3					
55		55.0 - 57.3 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0	12	GRAB	0.0	5.0/5.0	
		57.3 - 60.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		-43.5 57.3					
	-45				-46.3					
60		60.0 - 63.5 Dark gray to black, poorly graded, fine SAND, wet, 1/4-inch gray Clay and wood fragments at 63.0 ft bgs, no odor (SP)	SP		60.0	13	GRAB	0.0	5.0/5.0	
	-50				-49.8					
		63.5 - 64.0 Gray, SILTY fine SAND, wet, no odor (SM)	SM		-50.3					
		64.0 - 65.0 Dark gray to black, fine SAND, wet, 1/4-inch soft gray low plasticity Clay at 64.5 ft bgs, no odor (SP)	SP		64.0 -51.3	14	GRAB	0.0	1.0/1.0	
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-04

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/12/08
DATE COMPLETED: 6/17/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,150.6 E: 1,275,621.9
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 68 F

INCLINATION: -90
DEPTH W.L.: 13.5 ft
ELEVATION W.L.: -0.1 ft
DATE W.L.: 6/17/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 5.0 Light brown and gray, poorly graded, fine SAND, dry, no odor (SP)	SP		8.4	1	GRAB	0.0	4.5/5.0	
5	10	5.0 - 7.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.9	2	GRAB	0.0	5.0/5.0	
		7.5 - 8.0 Red-brown and gray, interlayered, fine SAND and SILT, dry, no odor (SM)	SM		5.4					
10	5	8.0 - 10.0 Dark gray to light gray, SILTY CLAY, dry, low plasticity, no odor (CL-ML)	CL-ML		8.0 3.4					
		10.0 - 14.0 Light gray, CLAY, moist at 12.5 and wet at 13.5 ft bgs, low plasticity, no odor (CL)	CL		10.0 -0.6	3	GRAB	0.0	4.0/4.0	▼
15	0	14.0 - 16.0 NO RECOVERY; well point from previous temporary well blocked sampler			14.0 -2.6	4	GRAB		0.0/2.0	
		16.0 - 20.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		16.0 -6.6	5	GRAB	0.0	4.0/4.0	
20	-5	20.0 - 22.5 NO RECOVERY			20.0 -9.1	6	GRAB	271	2.5/5.0	
		22.5 - 25.0 Dark brown to black, fine to medium SAND, with fine Gravel, wet, no odor (SP)	SP		22.5 -11.6					
25	-10	25.0 - 26.5 Dark brown to black, poorly graded, fine SAND, wet, no odor (SP)	SP		25.0 -13.1	7	GRAB	0.0	5.0/5.0	
		26.5 - 27.0 Dark brown to black, fine to medium SAND, trace fine Gravel, wet, no odor (SP)	SP		-13.6 27.0					
	-15	27.0 - 29.3 Dark brown to black, coarse SAND, trace fine Gravel, wet, no odor (SP)	SP		-15.8					
30		29.3 - 30.0 Dark brown to black, fine SAND, wet, no odor (SP)	SP		-16.6 30.0					
		30.0 - 31.5 Dark brown to black, fine to medium SAND, trace fine Gravel, wet, no odor (SP)	SP		-18.1					
	-20	31.5 - 35.0 Dark brown to black, fine SAND, wet, no odor (SP)	SP		31.5 -21.6	8	GRAB	0.0	5.0/5.0	
35		35.0 - 40.0 Dark brown to black, medium to coarse SAND, trace fine Gravel, wet, no odor (SP)	SP		35.0 -26.6	9	GRAB	0.0	5.0/5.0	
40	-25	Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-04

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/12/08
DATE COMPLETED: 6/17/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,150.6 E: 1,275,621.9
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 68 F

INCLINATION: -90
DEPTH W.L.: 13.5 ft
ELEVATION W.L.: -0.1 ft
DATE W.L.: 6/17/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 45.0 Dark brown to black, fine SAND, wet, no odor (SP)	SP		40.0	10	GRAB	0.0	5.0/5.0	
	-30				-31.6					
45		45.0 - 50.0 Dark brown to black, fine SAND, wet, no odor (SP)	SP		45.0	11	GRAB	0.0	5.0/5.0	
	-35				-36.6					
50		50.0 - 55.0 Dark brown to black, fine SAND, trace thin light gray Clay lenses, wet, no odor (SP)	SP		50.0	12	GRAB	0.0	5.0/5.0	
	-40				-41.6					
55		55.0 - 60.0 Dark brown to black, medium SAND, wet, no odor (SP)	SP		55.0	13	GRAB	0.0	5.0/5.0	
	-45				-46.6					
60		60.0 - 63.0 Dark brown to black, poorly graded, medium SAND, wet, no odor (SP)	SP		60.0	14	GRAB	0.0	5.0/5.0	
	-50				-49.6					
		63.0 - 65.0 Dark gray, fine SAND, some Silt, wet, no odor (SM)	SM		63.0					
65					-51.6					
		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-05

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/18/08
DATE COMPLETED: 6/19/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,032.1 E: 1,275,778.3
GS ELEVATION: 13.7 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 6/19/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.2 0.5					
		0.5 - 3.0 Light brown to orange-brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.7	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.0 8.7					
5		5.0 - 7.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.2	2	GRAB	0.0	5.0/5.0	
	5	7.5 - 7.8 Orange-brown, fine to medium SAND, with small shell fragments, dry, no odor (SP)	SP ML CL		5.0					
		7.8 - 8.0 Light gray, fine SANDY SILT, dry, no odor (ML)	ML CL		8.8 3.7					
10		8.0 - 8.3 Dark gray to black CLAY, dry, low plasticity, no odor (CL)			10.0					
		8.3 - 8.8 Dark gray to black, SILT, some fine Sand, moist, no odor (ML)	CL			3	GRAB	0.0	4.0/4.0	▼
		8.8 - 10.0 Dark gray to light gray, CLAY, moist, low plasticity, no odor (CL)								
	0	10.0 - 14.0 Light gray, CLAY, wet at 12.0 ft bgs, low plasticity, no odor (CL)			-0.3					
15		14.0 - 16.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		14.0 -2.3	4	GRAB	0.0	2.0/2.0	
	-5	16.0 - 20.0 LITTLE RECOVERY; dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		16.0 -6.3	5	GRAB	0.0	1.5/4.0	
20		20.0 - 25.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		20.0 -11.3	6	GRAB	0.0	5.0/5.0	
	-10	25.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		25.0 -15.3	7	GRAB	0.0	5.0/5.0	
25	-15	29.0 - 30.0 Dark gray to black, poorly graded, coarse SAND, wet, no odor (SP)	SP		29.0 -16.3					
30		30.0 - 35.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		30.0 -21.3	8	GRAB	0.0	5.0/5.0	
	-20	35.0 - 39.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		35.0 -25.3	9	GRAB	0.0	5.0/5.0	
35	-25	39.0 - 42.0 Dark gray to black, CLAYEY fine SAND, wet, no odor (SC)	SC		39.0					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-05

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/18/08
DATE COMPLETED: 6/19/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,032.1 E: 1,275,778.3
GS ELEVATION: 13.7 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 6/19/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 42.0 Dark gray to black, CLAYEY fine SAND, wet, no odor (SC) *(Continued)*	SC		-28.3					
		42.0 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, 1/4-inch gray Clay lens at 44.75 ft bgs, no odor (SP)	SP		42.0 -31.3	10	GRAB	0.0	5.0/5.0	
45	-30	45.0 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		45.0 -36.3	11	GRAB	0.0	5.0/5.0	
50	-35	50.0 - 54.5 Dark gray to black, SILT, wet, no odor (ML)	ML		50.0 -40.8	12	GRAB	0.0	5.0/5.0	
	-40	54.5 - 55.0 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML		-41.3					
55		55.0 - 59.0 Dark gray to black, SILT, wet, no odor (ML)	ML		55.0 -45.3	13	GRAB	0.0	5.0/5.0	
	-45	59.0 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		59.0 -46.3					
60		60.0 - 62.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		60.0 -48.3	14	GRAB	0.0	5.0/5.0	
	-50	62.0 - 65.0 Dark gray to black, fine to medium SAND, with organic matter, wet, no odor (SP)	SP		62.0 -51.3					
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-06

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 22.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/16/08
DATE COMPLETED: 6/16/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,895.2 E: 1,275,919.7
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 68 F

INCLINATION: -90
DEPTH W.L.: 13.0 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 6/16/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
5	10					2	GRAB	0.0	5.0/5.0	
					5.4					
	5	8.0 - 8.5 Red-brown, fine SAND, some Silt, dry, no odor (SP-SM)	SP-SM		4.9					
		8.5 - 9.3 Dark gray to black, fine SANDY SILT, moist, no odor (ML)	ML		4.2					
10		9.3 - 10.0 Dark gray to black, fine SANDY CLAY, moist, low plasticity, no odor (CL)	CL		3.4 10.0					
		10.0 - 12.0 Dark brown, poorly graded, fine SAND, moist, no odor (SP)	SP		1.4	3	GRAB	0.0	5.0/4.0	▼
	0	12.0 - 13.0 Gray, SILT, some fine Sand and organic matter, moist, no odor (ML)	ML		12.0 0.4 13.0 -0.6					
15		13.0 - 14.0 Dark gray, SILT, little fine Sand, moist, no odor (ML)	ML		14.0	4	GRAB	0.0	2.0/2.0	
		14.0 - 16.0 Gray, CLAY, little fine Sand, wet, low plasticity, no odor (CL)	CL		-2.6					
		16.0 - 18.0 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL		16.0 -4.6	5	GRAB	0.0	2.0/2.0	
20	-5	18.0 - 19.0 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL		18.0 -5.6	6	GRAB	0.0	2.0/2.0	
		19.0 - 20.0 Light gray, CLAY, some Silt, wet, low plasticity, no odor (CL-ML)	CL-ML		19.0 -6.6					
		20.0 - 21.8 Light gray, CLAY, some Silt, wet, low plasticity, no odor (CL-ML)	CL-ML		20.0 -8.3	7	GRAB	0.0	2.0/2.0	
25		21.8 - 22.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM							
	-10	Boring completed at 22.0 ft								
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-07

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/3/08
DATE COMPLETED: 7/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,302.3 E: 1,275,369.1
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 7/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0 0.5					
	10	0.5 - 5.0 Brown, poorly graded, medium SAND, dry, no odor (SP)	SP		8.5	1	GRAB	0.0	4.5/5.0	
5		5.0 - 9.5 Gray-brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 4.0	2	GRAB	0.0	5.0/5.0	
10	5	9.5 - 9.7 Brown, CLAY, dry, low plasticity, no odor (CL)	CL SP		10.0					
		9.7 - 10.0 Gray-brown, poorly graded, fine SAND, dry, no odor (SP)	SM		1.5					
	0	10.0 - 12.0 Dark gray, SILTY fine SAND, moist at 10.5 and wet at 11.5 ft bgs, no odor (SM)	SP		12.0	3	GRAB	0.0	4.0/4.0	▼
15		12.0 - 14.0 Dark gray, fine to medium SAND, wet, no odor (SP)			-0.5					
	-5	Boring completed at 14.0 ft								
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-08

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 16.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44. along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/3/08
DATE COMPLETED: 7/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,265.0 E: 1,275,410.3
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 7/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
	10	0.5 - 5.0 Brown, poorly graded, medium SAND, dry, no odor (SP)	SP		8.4	1	GRAB	0.0	4.5/5.0	
5		5.0 - 7.0 Brown, poorly graded, medium SAND, dry, trace concrete fragments and medium gravel, no odor (SP)	SP		5.0 6.4					
		7.0 - 8.0 Light brown, fine SAND, little Silt, dry, no odor (SP-SM)	SP-SM		7.0 5.4	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 10.0 Dark brown, poorly graded, medium SAND, moist, no odor (SP)	SP		8.0 3.4					
10		10.0 - 14.0 Dark brown, medium SAND, wet at 11.0 ft bgs, no odor (SP)	SP		10.0 -0.6	3	GRAB	0.0	4.0/4.0	▼
	0	14.0 - 16.0 Dark brown, poorly graded, medium SAND, wet, no odor (SP)	SP		14.0 -2.6	4	GRAB	0.0	2.0/2.0	
15		Boring completed at 16.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-09

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/7/08
DATE COMPLETED: 7/7/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,222.4 E: 1,275,449.6
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 12.7 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 7/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 0.5 CONCRETE 0.5 - 1.5 SUB-BASE 1.5 - 5.0 Brown, fine SAND, some fine Gravel, dry, no odor (SP)	SP		13.0 0.5 12.0 1.5 8.5	1	GRAB	0.0	4.5/5.0	
5	5	5.0 - 5.3 Brown and gray, CLAY, trace fine Sand, dry, low plasticity, no odor (CL) 5.3 - 7.0 Light brown, fine SAND, some Silt, dry, no odor (SM) 7.0 - 10.0 Brown, fine to medium SAND, dry, no odor (SP)	CL SM SP		5.3 6.5 7.0 3.5	2	GRAB	0.0	5.0/5.0	
10	0	10.0 - 14.0 Dark brown, fine to medium SAND, wet at 11.0 ft bgs, no odor (SP)	SP		10.0 -0.5	3	GRAB	0.0	4.0/4.0	▼
15	-5	Boring completed at 14.0 ft								
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-10

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/23/08
DATE COMPLETED: 6/24/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,476.8 E: 1,275,486.0
GS ELEVATION: 14.1 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.2 ft
ELEVATION W.L.: 2.9 ft
DATE W.L.: 6/24/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 1.0 CONCRETE			13.1					
		1.0 - 3.5 Light gray, SILTY fine to medium SAND, some fine to medium Gravel, dry, no odor (FILL)	SM		1.0 10.6	1	GRAB	0.0	4.0/5.0	
	10	3.5 - 4.5 Dark brown and black, SILTY fine to medium SAND, with rock, brick, wood, and glass fragments, dry, no odor (FILL)	SM		3.5 9.6					
5		4.5 - 5.0 Brown, fine SAND, little to some Silt, dry, no odor (SM)	SM		9.1 5.0					
		5.0 - 10.0 Brown, fine SAND, little Silt, dry, no odor (SP-SM)	SP-SM		4.1	2	GRAB	0.0	5.0/5.0	
10	5	10.0 - 12.0 Light brown, poorly graded, fine SAND, wet at 10.5 ft bgs, no odor (SP)	SP		10.0 2.1	3	GRAB	0.0	4.0/4.0	▼
		12.0 - 14.0 Gray, fine SAND, little to some Silt, wet, no odor (SM)	SM		12.0 0.1					
15	0	14.0 - 16.0 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC		14.0 -1.9	4	GRAB	0.0	5.0/5.0	
		16.0 - 18.5 Gray, SILTY fine SAND, wet, large wood fragment at 18 ft bgs, no odor (SM)	SM		16.0 -4.4					
	-5	18.5 - 20.0 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		18.5 -5.9	5	GRAB	0.0	5.0/5.0	
20		20.0 - 21.5 Gray, fine SAND, some Silt, wet, tree fragments at 20 - 20.5 ft bgs, no odor (SM)	SM		20.0 -7.4					
		21.5 - 25.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		21.5 -10.9	6	GRAB	0.0	5.0/5.0	
	-10	25.0 - 26.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		25.0 -11.9					
25		26.0 - 30.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		26.0 -15.9					
	-15	30.0 - 35.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		30.0 -20.9	7	GRAB	0.0	5.0/5.0	
30		35.0 - 39.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		35.0 -24.9	8	GRAB	0.0	5.0/5.0	
	-20	39.0 - 45.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		39.0	9	GRAB	0.0	6.0/6.0	
35										
	-25									
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-10

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/23/08
DATE COMPLETED: 6/24/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,476.8 E: 1,275,486.0
GS ELEVATION: 14.1 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.2 ft
ELEVATION W.L.: 2.9 ft
DATE W.L.: 6/24/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 45.0 Dark gray to black, fine to medium SAND, wet, no odor (SP) *(Continued)*	SP		-30.9	9	GRAB	0.0	6.0/6.0	
45	-30	45.0 - 46.0 Dark gray to black, fine to medium SAND, wet, 1-inch medium Gravel at 46 ft bgs, no odor (SP)	SP		45.0 -31.9					
		46.0 - 48.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		46.0 -33.9	10	GRAB	0.0	5.0/5.0	
		48.0 - 48.5 Dark gray to black, CLAYEY fine SAND, wet, no odor (SC)	SC		-34.4					
50	-35	48.5 - 50.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		48.5 -35.9					
		50.0 - 51.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		50.0 -36.9					
		51.0 - 54.0 Dark gray, fine SAND, little to some Silt, wet, some fine wood fragments, no odor (SM)	SM		51.0 -39.9	11	GRAB	0.0	5.0/5.0	
55	-40	54.0 - 55.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		54.0 -40.9					
		55.0 - 55.5 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-41.4					
		55.5 - 56.5 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		55.5 -42.4					
		56.5 - 57.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-42.9					
		57.0 - 59.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		57.0 -44.9	12	GRAB	0.0	5.0/5.0	
60	-45	59.0 - 60.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		59.0 -45.9					
		60.0 - 65.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -50.9	13	GRAB	0.0	5.0/5.0	
65	-50	Boring completed at 65.0 ft								
70	-55									
75	-60									
80	-65									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-11

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/24/08
DATE COMPLETED: 6/25/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,387.2 E: 1,275,584.9
GS ELEVATION: 13.9 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.5 ft
ELEVATION W.L.: 2.4 ft
DATE W.L.: 6/25/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 1.0 COCNRETE			12.9					
		1.0 - 1.3 SUB-BASE	SP		1.3					
		1.3 - 2.5 Brown, fine to medium SAND, dry, no odor (SP)	SM		11.4 10.9	1	GRAB	0.0	4.0/5.0	
	10	2.5 - 3.0 Brown and gray, SILTY fine to medium SAND, dry, no odor (SM)	SP		3.0					
5		3.0 - 5.0 Brown, fine to medium SAND, dry, no odor (SP)			8.9					
		5.0 - 6.5 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		5.0 7.4					
		6.5 - 7.0 Dark gray and red-brown, interlayered SILT and fine SANDY SILT, moist, no odor (ML)	ML SP		6.9 7.0 5.9	2	GRAB	0.0	5.0/5.0	
	5	7.0 - 8.0 Brown, poorly graded, medium SAND, moist, no odor (SP)	CL-ML		5.4					
10		8.0 - 8.5 Dark gray, SILTY CLAY, moist, low plasticity, no odor (CL-ML)	ML		8.5 4.2					
		8.5 - 9.8 Red-brown, SILT, some fine Sand, wet at 9.5 ft bgs, no odor (ML)	SP SP-SM		10.0					
		9.8 - 10.0 Light brown, poorly graded fine SAND, wet, no odor (SP)			2.4					▼
		10.0 - 11.5 Brown, fine SAND, trace to little Silt, wet, no odor (SP-SM)	SM		11.5	3	GRAB	0.0	4.0/4.0	
	0	11.5 - 14.0 Dark gray, SILTY fine SAND, wet at 11.5 ft bgs, no odor (SM)			-0.1					
15		14.0 - 20.0 Dark gray to black, SILTY fine SAND, wet, 1-inch soft gray low plasticity Clay at 19.25 ft bgs, no odor (SM)	SM		14.0	4	GRAB	0.0	5.0/5.0	
	-5				-6.1					
20		20.0 - 25.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		20.0	5	GRAB	0.0	5.0/5.0	
	-10				-11.1					
25		25.0 - 30.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		25.0	6	GRAB	0.0	5.0/5.0	
	-15				-16.1					
30		30.0 - 35.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		30.0	7	GRAB	0.0	5.0/5.0	
	-20				-21.1					
35		35.0 - 38.5 Dark gray to black, poorly graded, fine SAND wet, no odor (SP)	SP		35.0	8	GRAB	0.0	5.0/5.0	
	-25				-24.6					
		38.5 - 39.0	SP		-25.1					
40		Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		39.0					

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-11

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/24/08
DATE COMPLETED: 6/25/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,387.2 E: 1,275,584.9
GS ELEVATION: 13.9 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.5 ft
ELEVATION W.L.: 2.4 ft
DATE W.L.: 6/25/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 45.0 Dark gray to black, fine to medium SAND, wet, trace wood fragments at 39 - 40 ft and at 44 ft bgs, no odor (SP)*(Continued)*	SP		-31.1	9	GRAB	0.0	5.0/5.0	
45	-30	45.0 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		45.0 -36.1	10	GRAB	0.0	5.0/5.0	
50	-35	50.0 - 55.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		50.0 -41.1	11	GRAB	0.0	5.0/5.0	
55	-40	55.0 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, 1-inch of Clay at 55.5 ft bgs, no odor (SP)	SP		55.0 -46.1	12	GRAB	0.0	5.0/5.0	
60	-45	60.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, 1-inch of Clay at 62.5 ft bgs, no odor (SP)	SP		60.0 -51.1	13	GRAB	0.0	5.0/5.0	
65	-50	Boring completed at 65.0 ft								
70	-55									
75	-60									
80	-65									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-12

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/20/08
DATE COMPLETED: 6/30/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,339.6 E: 1,275,474.6
GS ELEVATION: 13.7 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 13.3 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 6/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.2 0.5					
		0.5 - 3.3 Red-brown to brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.5	1	GRAB	0.0	4.5/5.0	
	10	3.3 - 3.5 Brown, SILTY fine SAND, dry, no odor (SM)	SM		3.5					
		3.5 - 5.0 Red-brown to brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.7					
5		5.0 - 7.3 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.5					
		7.3 - 7.5 Orange-brown, fine SANDY SILT, dry, no odor (ML)	ML		7.5	2	GRAB	0.0	5.0/5.0	
	5	7.5 - 10.0 Dark gray to black, CLAY, moist at 9.0 ft bgs, low plasticity, no odor (CL)	CL		3.7					
10		10.0 - 13.0 Brown to gray, fine SAND, wet at 12.5 ft bgs, no odor (SP)	SP		10.0 0.7	3	GRAB	0.0	4.0/4.0	▼
	0	13.0 - 14.0 Light gray, SILTY fine SAND, wet, no odor (SM)	SM		13.0 -0.3					
15		14.0 - 17.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		14.0 -3.3	4	GRAB	0.0	3.0/3.0	
	-5	17.0 - 20.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		17.0 -6.3	5	GRAB	0.0	3.0/3.0	
20		20.0 - 25.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		20.0 -11.3	6	GRAB	0.0	5.0/5.0	
	-10	25.0 - 30.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		25.0 -16.3	7	GRAB	0.0	5.0/5.0	
30	-15	30.0 - 35.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		30.0 -21.3	8	GRAB	0.0	5.0/5.0	
35	-20	35.0 - 37.8 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		35.0 -24.1	9	GRAB	0.0	5.0/5.0	
	-25	37.8 - 38.0 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL SP		38.0 -25.3					
40		38.0 - 39.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		39.0					

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-12

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/20/08
DATE COMPLETED: 6/30/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,339.6 E: 1,275,474.6
GS ELEVATION: 13.7 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 13.3 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 6/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 43.0 Dark gray to black, fine to medium SAND, wet, no odor (SP) *(Continued)*	SP		-29.3	10	GRAB	59.4	5.0/5.0	
	-30	43.0 - 44.5 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		43.0 -30.8					
45		44.5 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-31.3 45.0					
		45.0 - 48.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-34.3	11	GRAB	0.0	5.0/5.0	
	-35	48.0 - 48.2 Dark gray, SANDY CLAY, wet, low plasticity, no odor (CL)	CL		48.2					
50		48.2 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-36.3					
		50.0 - 55.0 Dark gray, SANDY CLAY, wet, low plasticity, no odor (CL)	CL		50.0 -41.3	12	GRAB	0.0	5.0/5.0	
	-40									
55		55.0 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0 -46.3	13	GRAB	0.0	5.0/5.0	
	-45									
60		60.0 - 63.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		60.0 -49.3	14	GRAB	0.0	5.0/5.0	
	-50	63.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		63.0 -51.3					
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-13

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 16.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/3/08
DATE COMPLETED: 7/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,871.2 E: 1,275,821.2
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 80 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 7/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 1.0 CONCRETE			12.4					
		1.0 - 2.0 Gray, poorly graded, medium SAND, dry, no odor (SP)	SP		1.0 11.4					
		2.0 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		2.0 8.4	1	GRAB	0.0	4.0/5.0	
5	10	5.0 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.4	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 8.3 Brown, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL							
		8.3 - 9.5 Brown, SILTY fine SAND, dry, no odor (SM)	SM		8.3 3.9					
10		9.5 - 10.0 Dark gray to black, poorly graded, fine SAND, moist, no odor (SP)	SP		3.4 10.0					
		10.0 - 12.0 Dark gray to black, CLAY, trace fine Sand, wet, low plasticity, no odor (CL)	CL		1.4	3	GRAB	0.0	4.0/4.0	▼
	0	12.0 - 14.0 Dark gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		12.0 -0.6					
15		14.0 - 16.0 LITTLE RECOVERY; 1-ft gray CLAYEY fine SAND (SC)	SC		14.0 -2.6	4	GRAB	0.0	1.0/2.0	
		Boring completed at 16.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-14

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/10/08
DATE COMPLETED: 6/12/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,995.8 E: 1,275,410.9
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 6/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
	10	0.5 - 4.8 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.4	1	GRAB	0.0	4.5/5.0	
5		4.8 - 5.0 Gray and light brown, SILTY fine SAND, dry, no odor (SM)	SM		5.0					
		5.0 - 7.5 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.7	2	GRAB	0.0	5.0/5.0	
	5	7.5 - 10.0 Dark gray to black, fine SANDY CLAY, moist at 10.0 ft bgs, low plasticity, no odor (CL)	CL		7.5 3.2					
10		10.0 - 12.5 Dark to light gray, CLAY, wet at 12.5 ft bgs, low plasticity, no odor (CL)	CL		10.0 0.7	3	GRAB	0.0	4.0/4.0	▼
	0	12.5 - 13.5 Light gray, CLAY, little to some fine SAND, wet, low plasticity, no odor (CL)	CL		12.5 -0.3					
			SC		-0.8					
15		13.5 - 14.0 Gray, fine SAND, little to some Clay, wet, no odor (SC)	SM		14.0 -1.8					
		14.0 - 15.0 Dark gray, SILTY fine SAND, wet, no odor (SM)			15.0					
	-5	15.0 - 18.5 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-5.3	4	GRAB	0.0	5.0/5.0	
		18.5 - 19.0 Light gray, SILT and CLAY, wet, no odor (CL-ML)	CL-ML		-5.8					
20		19.0 - 24.0 Gray, fine to medium SAND, wet, no odor (SP)	SP		19.0 -10.8	5	GRAB	0.0	5.0/5.0	
	-10	24.0 - 25.0 Dark gray, medium to coarse SAND, wet, no odor (SP)	SP		24.0 -11.8					
25		25.0 - 25.3 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		25.3					
		25.3 - 29.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		-15.8	6	GRAB	0.0	5.0/5.0	
	-15	29.0 - 33.3 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		29.0 -20.1	7	GRAB	0.0	5.0/5.0	
30		33.3 - 34.0 Dark gray, medium to coarse SAND, wet, no odor (SP)	SP		-20.8					
	-20	34.0 - 39.0 Dark gray, medium to coarse SAND, wet, no odor (SP)	SP		34.0 -25.8	8	GRAB	0.0	5.0/5.0	
35										
	-25									
40		39.0 - 42.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		39.0	9	GRAB	0.0	5.0/5.0	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-14

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/10/08
DATE COMPLETED: 6/12/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,995.8 E: 1,275,410.9
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 6/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 42.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP) *(Continued)*	SP		-29.3	9	GRAB	0.0	5.0/5.0	
	-30	42.5 - 44.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		42.5 -30.8					
45		44.0 - 45.5 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		44.0 -32.3					
		45.5 - 46.3 Dark gray to black, coarse SAND, trace rounded fine Gravel, wet, large wood fragment at 46.0 ft bgs, no odor (SP)	SP		-33.1 46.3	10	GRAB	0.0	5.0/5.0	
	-35	46.3 - 49.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-35.8					
50		49.0 - 50.0 Dark gray to black, poorly graded, coarse SAND, wet, no odor (SP)	SP		49.0 -36.8					
		50.0 - 54.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		50.0 -40.8	11	GRAB	0.0	5.0/5.0	
	-40									
55		54.0 - 59.0 Dark gray to black, poorly graded, fine SAND, wet, with 1/4-inch of gray low plasticity Clay at 58.5 ft bgs and 1/2-inch light gray low plasticity Clay at 58.85 ft bgs, no odor (SP)	SP		54.0 -45.8	12	GRAB	0.0	5.0/5.0	
	-45									
60		59.0 - 64.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		59.0 -50.8	13	GRAB	0.0	5.0/5.0	
	-50									
		64.0 - 65.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		64.0 -51.8	14	GRAB	0.0	1.0/1.0	
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-15

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/11/08
DATE COMPLETED: 6/12/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,862.8 E: 1,275,528.6
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.5 ft
DATE W.L.: 6/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
	10	0.5 - 4.0 Red-brown, poorly graded, fine SAND, some Silt, dry, no odor (SM)	SM		9.4	1	GRAB	0.0	3.5/4.0	
5		4.0 - 5.0 Gray, poorly graded, fine SAND, dry, no odor (SP)	SP		4.0 8.4					
		5.0 - 8.0 Light gray and brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.4	2	GRAB	0.0	4.0/4.0	
	5	8.0 - 10.0 Brown and gray, SILT and fine SAND, dry, 1/2-inch soft low plasticity Clay at 8.25 ft bgs, no odor (SM)	SM		8.0 3.4	3	GRAB	0.0	2.0/2.0	
10		10.0 - 13.0 Brown,poorly graded, fine SAND, wet at 12.5 ft bgs, no odor (SP)	SP		10.0 0.4	4	GRAB	0.0	4.0/4.0	▼
	0	13.0 - 14.0 Dark gray, fine SAND, trace Silt, wet, no odor (SP)	SP		13.0 -0.7					
15		14.0 - 19.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		14.0 -5.7	5	GRAB	0.0	5.0/5.0	
	-5	19.0 - 22.5 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		19.0 -9.2	6	GRAB	0.0	5.0/5.0	
20	-10	22.5 - 24.0 Dark gray, medium SAND, wet, no odor (SP)	SP		22.5 -10.7					
		24.0 - 25.5 Dark gray, poorly graded, medium SAND, wet, no odor (SP)	SP		24.0 -12.2					
25		25.5 - 25.8 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL		25.8					
		25.8 - 26.8 Dark gray, coarse SAND, wet, no odor (SP)	SP CL		-13.4 27.0	7	GRAB	0.0	5.0/5.0	
	-15	26.8 - 27.0 Light gray, CLAY, wet, low plasticity, no odor (CL)	SP							
		27.0 - 29.0 Dark gray, poorly graded, medium SAND, trace small wood fragments, wet, no odor (SP)	SP		29.0					
30		29.0 - 31.5 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		-15.7 -18.2	8	GRAB	0.0	5.0/5.0	
		31.5 - 32.0 Dark gray, poorly graded, coarse SAND, wet, no odor (SP)	SP		-18.7 32.0					
	-20	32.0 - 33.8 Dark gray fine to medium SAND, wet, 1/4-inch rock fragment at 33.0 ft bgs, no odor (SP)	SP		-20.4					
		33.8 - 37.0 Medium dense, dark gray, fine to medium SAND, wet, no odor (SP)	SP		33.8 -23.7	9	GRAB	0.0	5.0/5.0	
35		37.0 - 38.0 Dark gray, coarse SAND, with wood fragments and trace fine Gravel, wet, no odor (SP)	SP		37.0 -24.7					
	-25	38.0 - 39.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		38.0 -25.7					
40			SP		39.0	10	GRAB	0.0	5.0/5.0	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-15

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/11/08
DATE COMPLETED: 6/12/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,862.8 E: 1,275,528.6
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.5 ft
DATE W.L.: 6/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 42.0 Dark gray to black, medium SAND, trace fine Gravel, wet, no odor (SP) *(Continued)*	SP		-28.7	10	GRAB	0.0	5.0/5.0	
		42.0 - 42.8 Dark gray to black, fine SAND, large wood fragments and organic matter, wet, no odor (SP)	SP		-29.4					
	-30	42.8 - 44.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		42.8 -30.7					
45		44.0 - 49.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		44.0 -35.7	11	GRAB	0.0	5.0/5.0	
	-35									
50		49.0 - 52.3 Dark gray to black, coarse SAND, trace fine Gravel, wet, no odor (SP)	SP		49.0 -39.0	12	GRAB	0.0	5.0/5.0	
		52.3 - 52.7 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		-39.4					
	-40	52.7 - 53.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		-40.7					
55		53.0 - 53.3 Dark gray, CLAY, wet,with small wood fragments, low plasticity, no odor (CL)	CL		54.0					
		53.3 - 54.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP			13	GRAB	0.0	5.0/5.0	
	-45	54.0 - 59.0 Dark gray to black, fine SAND, wet, 1/4-inch soft gray low plasticity Clay at 58.0 ft bgs and 1/2-inch dark gray Sandy Clay at 59.0 ft bgs, no odor (SP)	SP		-45.7					
60		59.0 - 63.0 Dark gray to black, poorly graded, fine SAND, with 1/4-inch Silt laminations at 62.75 ft bgs, no odor (SP)	SP		59.0 -49.7	14	GRAB	0.0	5.0/5.0	
	-50	63.0 - 63.2 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		63.2					
		63.2 - 64.0 Dark gray to black, SILTY fine SAND, wet, wood fragments at 63.75 ft bgs, no odor (SM)	SM		-50.7	15	GRAB	0.0	1.0/1.0	
65		64.0 - 64.2 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		64.2 -51.7					
		64.2 - 65.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM							
	-55	Boring completed at 65.0 ft								
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-16

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/13/08
DATE COMPLETED: 6/13/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,745.4 E: 1,275,680.1
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 6/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0 0.5					
		0.5 - 2.5 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		11.0	1	GRAB	0.0	4.5/5.0	
	10	2.5 - 3.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		2.5 10.0					
		3.5 - 4.5 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		3.5 9.0					
5		4.5 - 5.0 Gray, poorly graded, fine SAND, dry, no odor (SP)	SP		8.5 5.0					
		5.0 - 8.8 Brown, fine SAND, little to some Silt, dry, no odor (SM)	SM		4.7	2	GRAB	0.0	5.0/5.0	
	5	8.8 - 9.8 Red-brown and gray, interlayered, SILT and fine SAND, dry, no odor (ML)	ML CL		8.8 3.7					
10		9.8 - 10.0 Dark gray, CLAY, some fine Sand, moist, low plasticity, no odor (CL)	CL		10.0					
		10.0 - 13.5 Light gray, CLAY, wet at 11.5 ft bgs, low plasticity, no odor (CL)			-0.1	3	GRAB	0.0	4.0/4.0	▼
	0	13.5 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-0.6					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-17

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/12/08
DATE COMPLETED: 6/12/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,771.6 E: 1,275,500.8
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 1.5 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		11.8 1.5					
	10	1.5 - 5.0 Brown, poorly graded, fine SAND, dry, 3/4-inch Silt lens at 3.25 ft bgs, no odor (SP)	SP		8.3	1	GRAB	0.0	4.5/5.0	
5		5.0 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.3	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 9.8 Red-brown and gray, interlayered, fine SAND and SILT, dry, no odor (SM)	SM		8.0 3.6					
10		9.8 - 10.0 Dark gray, fine SANDY SILT, moist, no odor (ML)	ML		10.0					
		10.0 - 12.0 Dark gray, poorly graded, fine SAND, moist, wet at 12.0 ft bgs, no odor (SP)	SP		1.3	3	GRAB	0.0	4.0/4.0	▼
	0	12.0 - 14.0 Dark gray, fine SAND, some Silt, wet, no odor (SM)	SM		12.0 -0.7					
		Boring completed at 14.0 ft								
15										
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-18

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 39.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/6/08
DATE COMPLETED: 6/6/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,709.7 E: 1,275,339.5
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 60 F

INCLINATION: -90
DEPTH W.L.: 12.0 ft
ELEVATION W.L.: 1.3 ft
DATE W.L.: 6/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 2.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.8	1	GRAB	11.3	4.5 / 5.0	
	10	2.5 - 4.0 Dark brown, poorly graded, fine SAND, dry, 1/2-inch soft fine Sandy Clay at 4.0 ft bgs, no odor (SP)	SP		2.5 9.3					
5		4.0 - 7.5 Light brown, fine to medium SAND, dry, no odor (SP)	SP		4.0 5.8	2	GRAB	20.9	5.0 / 5.0	
		7.5 - 8.0 Dark brown and gray, SILTY fine SAND, dry, no odor (SM)	SM		5.3					
	5	8.0 - 9.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.0 4.3					
		9.0 - 10.0 Dark brown to black, CLAY, some fine Sand, moist at 9.0 and wet at 10.0 ft bgs, low plasticity, no odor (CL)	CL		9.0 3.3					
10		10.0 - 13.0 Gray, SILTY fine SAND, little to some Clay, wet, no odor (SM)	SM		10.0 0.3	3	GRAB	15.5	4.0 / 4.0	▼
	0	13.0 - 14.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		13.0 -0.7					
15		14.0 - 19.0 LITTLE RECOVERY; dark gray to black, fine SAND, wet, no odor (SP)	SP		14.0 -5.7	4	GRAB	26	3.0 / 5.0	
	-5	19.0 - 24.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		19.0 -10.7	5	GRAB	32	5.0 / 5.0	
20	-10	24.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		24.0 -15.7	6	GRAB	32	5.0 / 5.0	
25	-15	29.0 - 33.8 Dark gray to black, medium to coarse SAND, wet, 1/2-inch soft gray low plasticity Clay lenses at 31.5 ft, 32.0 ft, and 32.5 ft bgs, no odor (SP)	SP		29.0 -20.4	7	GRAB	46.2	5.0 / 5.0	
30	-20	33.8 - 34.0 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		34.0					
		34.0 - 39.0 Dark gray to black, medium to coarse SAND, wet, 1/2-inch gray low plasticity Clay lenses at 37.8 ft, 38.2 ft, and 38.5 ft bgs, no odor (SP)	SP		-25.7	8	GRAB	61.8	5.0 / 5.0	
35	-25	Boring completed at 39.0 ft								
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-19

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 35.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/19/08
DATE COMPLETED: 5/20/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,655.8 E: 1,275,034.2
GS ELEVATION: 12.5 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.0 ft
DATE W.L.: 5/20/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.0 0.5					
		0.5 - 1.5 Light brown, fine SAND, some Silt, dry, no odor (SM)	SM		11.0 1.5	1	GRAB	0.0	3.5/4.0	
	10	1.5 - 4.0 Light gray to brown, fine to medium SAND, dry, no odor (SP)	SP		8.5					
5		4.0 - 8.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		4.0 4.5	2	GRAB	0.0	4.0/4.0	
	5	8.0 - 10.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.0 2.0	3	GRAB	0.0	4.0/4.0	
10		10.5 - 12.0 Brown, SILTY fine SAND, moist at 11.5 ft bgs, no odor (SM)	SM		10.5 0.5					
	0	12.0 - 13.0 Brown, fine to medium SAND, wet at 13 ft bgs, no odor (SP)	SP		12.0 -0.5					▼
		13.0 - 14.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		13.0 -1.5	4	GRAB	0.0	4.0/4.0	
15		14.0 - 16.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		14.0 -3.5					
	-5	16.0 - 20.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		16.0 -7.5	5	GRAB	0.0	4.0/4.0	
20		20.0 - 23.5 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		20.0 -11.0	6	GRAB	0.0	5.0/5.0	
	-10	23.5 - 25.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		23.5 -12.5					
25		25.0 - 30.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		25.0 -17.5	7	GRAB	0.0	5.0/5.0	
30	-15	30.0 - 35.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		30.0 -22.5	8	GRAB	0.0	5.0/5.0	
35	-20	Boring completed at 35.0 ft								
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-20

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 16.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/3/08
DATE COMPLETED: 7/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,675.6 E: 1,275,842.4
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 7/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 5.0 Brown, poorly graded, fine SAND, dry, trace 1 to 2-inch Silty fine Sand lenses, no odor (SP)	SP		8.3	1	GRAB	0.0	4.5 / 5.0	
5		5.0 - 7.8 Brown, fine SAND, trace to little Silt, dry, no odor (SP-SM)	SP-SM		5.0 5.6	2	GRAB	0.0	5.0 / 5.0	
	5	7.8 - 8.5 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		4.8					
		8.5 - 8.8 Dark gray to black, CLAY, some fine Sand, dry, low plasticity, no odor (CL)	CL ML CL		3.8 3.3					
10		8.8 - 9.5 Dark gray, fine SANDY SILT, dry, no odor (ML)	SP		10.0 2.3	3	GRAB	0.0	4.0 / 4.0	▼
		9.5 - 10.0 Dark gray to black, CLAY, dry, low plasticity, no odor (CL)	CL SP		1.6					
		10.0 - 11.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	CL		12.0					
	0	11.0 - 11.8 Light gray, CLAY, wet, low plasticity, no odor (CL)			-0.2 -0.7					
15		11.8 - 12.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP		14.0	4	GRAB	0.0	1.0 / 2.0	
		12.0 - 13.5 Dark gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)			-2.7					
		13.5 - 14.0 WOOD; tree fragment or support beam?								
		14.0 - 16.0 LOW RECOVERY; gray fine Sand (SP)								
	-5	Boring completed at 16.0 ft								
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-21

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/20/08
DATE COMPLETED: 6/30/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,452.8 E: 1,275,303.7
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 13.2 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 6/20/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.1 0.5					
		0.5 - 5.0 Brown, poorly graded, medium SAND, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
	10				8.6					
5		5.0 - 6.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 7.6					
		6.0 - 8.5 Brown, fine to medium SAND, dry, no odor (SP)	SP		6.0 5.1	2	GRAB	0.0	5.0/5.0	
	5	8.5 - 9.0 Brown, SILTY fine SAND, dry, 1/2-inch red Clay lense at 8.75 ft bgs, no odor (SM)	SM SP CL		4.6 3.8					
10		9.0 - 9.3 Brown, medium SAND, trace Clay in lenses, dry, no odor (SP)	CL-ML		10.0					
		9.3 - 9.8 Brown to black, CLAY, moist, low plasticity, no odor (CL)	CL			3	GRAB	0.0	4.0/4.0	▼
		9.8 - 10.0 Light gray, CLAYEY SILT, moist, no odor (CL-ML)								
	0	10.0 - 13.8 Light gray, CLAY, wet at 13.0 ft bgs, low plasticity, no odor (CL)			-0.2					
		13.8 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP		14.0					
15		14.0 - 20.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP			4	GRAB	5.2	5.0/5.0	
	-5				-6.4					
20		20.0 - 23.5 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		20.0 -9.9	5	GRAB	7.4	5.0/5.0	
	-10	23.5 - 25.0 Gray, SILTY fine SAND, wet, no odor (SM)	SM		23.5 -11.4					
25		25.0 - 30.0 Gray, fine SAND, wet, no odor (SP)	SP		25.0	6	GRAB	7.7	5.0/5.0	
	-15				-16.4					
30		30.0 - 35.0 Gray, fine to medium SAND, wet, no odor (SP)	SP		30.0	7	GRAB	10.5	5.0/5.0	
	-20				-21.4					
35		35.0 - 38.0 NO RECOVERY			35.0 -24.4	8	GRAB	11.1	2.0/5.0	
	-25	38.0 - 40.0 Black, poorly graded, fine SAND, wet, no odor (SP)	SP		38.0 -26.4					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-21

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/20/08
DATE COMPLETED: 6/30/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,452.8 E: 1,275,303.7
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 13.2 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 6/20/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 45.0 Black, fine to medium SAND, wet, no odor (SP)	SP		40.0 -31.4	9	GRAB	15.9	5.0/5.0	
45	-30	45.0 - 48.3 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		45.0 -34.7	10	GRAB	0.0	5.0/5.0	
	-35	48.3 - 50.0 Gray, SILTY fine SAND, wet, no odor (SM)	SM		48.3 -36.4					
50		50.0 - 55.0 Dark gray to black, fine SAND, little to some Silt, wet, no odor (SM)	SM		50.0 -41.4	11	GRAB	8.6	5.0/5.0	
55	-40	55.0 - 59.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0 -45.9	12	GRAB	4.2	5.0/5.0	
	-45	59.5 - 60.0 Gray, fine SANDY SILT, wet, no odor (ML)	ML		-46.4					
60		60.0 - 65.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		60.0 -51.4	13	GRAB	3.5	5.0/5.0	
65	-50	Boring completed at 65.0 ft								
70	-55									
75	-60									
80	-65									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-22

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/19/08
DATE COMPLETED: 6/20/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,301.6 E: 1,275,417.2
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/19/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0 0.5					
		0.5 - 1.5 Red-brown and gray, fine SANDY CLAY, dry, friable, no odor (CL)	CL		12.0 1.5					
	10	1.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.5	1	GRAB	0.0	4.5/5.0	
5		5.0 - 7.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.0	2	GRAB	0.0	5.0/5.0	
		7.5 - 7.8 Red-brown, CLAYEY fine SAND, dry, no odor (SC)	SC SP		5.0					
	5	7.8 - 8.5 Dark gray to black, poorly graded, fine SAND, moist at 8.5 ft bgs, no odor (SP)	CL		8.5 3.5					
10		8.5 - 10.0 Dark gray, CLAY, moist, low plasticity, no odor (CL)	CL		10.0 2.0					
		10.0 - 11.5 Dark gray to black, CLAY, wet, low plasticity, no odor (CL)	SP		11.5 1.0	3	GRAB	0.0	4.0/4.0	▼
	0	11.5 - 12.5 Brown, poorly graded, fine SAND, wet, no odor (SP)	SM		12.5 -0.5					
		12.5 - 14.0 Light gray, SILTY fine SAND, wet, no odor (SM)								
15		14.0 - 16.0 Gray to black, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		14.0 -2.5	4	GRAB	0.0	2.0/2.0	
		16.0 - 17.5 NO RECOVERY			16.0 -4.0					
	-5	17.5 - 18.5 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		17.5 -5.0	5	GRAB	0.0	2.5/4.0	
		18.5 - 20.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		18.5 -6.5					
20		20.0 - 25.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		20.0 -11.5	6	GRAB	0.0	5.0/5.0	
25	-10	25.0 - 27.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		25.0 -13.5	7	GRAB	0.0	4.0/4.0	
		27.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		27.0 -15.5					
30	-15	29.0 - 34.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		29.0 -20.5	8	GRAB	0.0	5.0/5.0	
35	-20	34.0 - 36.0 Dark gray to black, coarse SAND, trace fine Gravel, wet, no odor (SP)	SP		34.0 -22.5	9	GRAB	0.0	5.0/5.0	
		36.0 - 39.0 Dark gray to black, medium to coarse SAND, trace medium gravel, wet, no odor (SP)	SP		36.0 -25.5					
40	-25	39.0 - 43.8 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		39.0	10	GRAB	0.0	5.0/5.0	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-22

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/19/08
DATE COMPLETED: 6/20/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,301.6 E: 1,275,417.2
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/19/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 43.8 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP) *(Continued)*	SP			10	GRAB	0.0	5.0/5.0	
	-30				-30.2					
		43.8 - 44.0 Gray, SILTY fine SAND, wet, no odor (SM)	SM		44.0					
45		44.0 - 49.0 Dark gray to black, fine SAND, some Silt, wet, 1-inch thick gray clay lenses at 45.0 ft and 47.5 ft bgs, no odor (SM)	SM			11	GRAB	0.0	5.0/5.0	
	-35				-35.5					
50		49.0 - 51.0 Dark gray, fine SANDY SILT, wet, no odor (ML)	ML		49.0 -37.5	12	GRAB	0.0	5.0/5.0	
		51.0 - 51.3 Light gray, CLAY, some fine Sand, wet, low plasticity, no odor (CL)	CL		51.3					
		51.3 - 54.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP							
	-40				-40.5					
55		54.0 - 58.0 Dark gray to black, fine SAND, some Silt, wet, no odor (SM)	SM		54.0	13	GRAB	0.0	5.0/5.0	
					-44.5					
	-45	58.0 - 62.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)			58.0					
60			SP			14	GRAB	0.0	4.0/4.0	
					-48.5					
		62.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		62.0	15	GRAB	0.0	3.0/3.0	
	-50				-51.5					
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-23

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/30/08
DATE COMPLETED: 7/2/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,208.5 E: 1,275,147.6
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 6/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.4	1	GRAB	0.0	4.5/5.0	
5	10	5.0 - 7.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.4					
		7.0 - 7.5 Dark gray, poorly graded, fine SAND, moist, no odor (SP)	SP		5.9	2	GRAB	0.0	5.0/5.0	
			CL		5.4					
	5	7.5 - 8.0 Dark gray to black, fine SANDY CLAY, moist, low plasticity, no odor (CL)	SP		8.0 4.4					
			ML		3.9					
10		8.0 - 9.0 Dark gray to black, poorly graded, fine SAND, moist, no odor (SP)	CL		3.4					
		9.0 - 9.5 Dark gray to black, fine SANDY SILT, moist, no odor (ML)	CL		10.0 1.4					
		9.5 - 10.0 Dark gray to black, CLAY, little to some fine SAND, wet, low plasticity, no odor (CL)			12.0	3	GRAB	0.0	5.0/5.0	▼
	0	10.0 - 12.0 Dark gray to black, CLAY, wet, low plasticity, no odor (CL)	CL-ML							
		12.0 - 14.5 Light gray, CLAY, Silt lenses, wet, low plasticity, no odor (CL-ML)			-1.2					
15		14.5 - 15.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-1.7 15.0					
		15.0 - 17.0 Dark gray to black, fine SAND, trace Silt, wet, no odor (SP)			-3.7					
		17.0 - 20.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		17.0	4	GRAB	0.0	5.0/5.0	
	-5				-6.7					
20		20.0 - 22.5 Dark gray to black, fine to coarse SAND, wet, no odor (SP)	SP		20.0 -9.2					
		22.5 - 25.0 Dark gray to black, poorly graded, fine SAND, wet, 2-inch wood fragment at 24.0 ft bgs, no odor (SP)	SP		22.5 -11.7	5	GRAB	0.0	5.0/5.0	
25	-10	25.0 - 29.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		25.0	6	GRAB	0.0	5.0/5.0	
					-15.7					
	-15	29.0 - 30.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		29.0 -16.7					
30		30.0 - 31.5 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		30.0 -18.2	7	GRAB	0.0	4.0/4.0	
		31.5 - 32.0 Dark gray to black, medium to coarse SAND, some fine Gravel, wet, no odor (SP)	SP		-18.7 32.0					
	-20	32.0 - 35.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-21.7					
35		35.0 - 38.5 Dark gray to black, medium SAND, trace fine Gravel, wet, no odor (SP)	SP		35.0	8	GRAB	0.0	5.0/5.0	
	-25				-25.2					
		38.5 - 40.0 Dark gray to black, medium to coarse SAND, some fine Gravel, wet, no odor (SP)	SP		38.5 -26.7					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-23

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/30/08
DATE COMPLETED: 7/2/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,208.5 E: 1,275,147.6
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 6/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 45.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		40.0 -31.7	9	GRAB	0.0	5.0/5.0	
45	-30	45.0 - 50.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		45.0 -36.7	10	GRAB	0.0	5.0/5.0	
50	-35	50.0 - 52.0 Dark gray to black, coarse SAND, some fine Gravel, wet, no odor (SP)	SP		50.0 -38.7	11	GRAB	0.0	5.0/5.0	
		52.0 - 52.5 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC		-39.2 52.5					
	-40	52.5 - 54.0 Gray, fine SAND, wet, no odor (SP)	SP		-40.7					
		54.0 - 54.3 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL							
55		54.3 - 55.0 Dark gray, fine SAND, wet, no odor (SP)	SP		-41.7 55.0					
	-45	55.0 - 60.0 Dark gray to black, fine SAND, wet, little organic matter (tree/wood) at 57 to 58.5 ft bgs, no odor (SP)	SP		-46.7	12	GRAB	0.0	5.0/5.0	
60		60.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -51.7	13	GRAB	0.0	5.0/5.0	
65	-50	Boring completed at 65.0 ft								
70	-55									
75	-60									
80	-65									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-24

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/10/08
DATE COMPLETED: 6/11/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,046.6 E: 1,275,216.1
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 13.2 ft
ELEVATION W.L.: 0.1 ft
DATE W.L.: 6/10/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 2.0 Light brown, fine SAND, trace Silt, dry, no odor (SP)	SP		11.3					
	10	2.0 - 4.8 Light brown, fine SAND, dry, no odor (SP)	SP		2.0 8.5	1	GRAB	0.0	4.5/5.0	
5		4.8 - 5.0 Orange-brown, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL							
			SP		5.0 7.3					
		5.0 - 6.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	CL		6.8					
			CL							
	5	6.0 - 6.5 Light brown to dark gray, CLAY, some fine Sand, dry, low plasticity, no odor (CL) 6.5 - 6.8 Gray and dark gray, rhythmic lenses, CLAY and fine SAND, dry, low plasticity, no odor (CL)	CL		6.8 3.3	2	GRAB	0.0	5.0/5.0	
10		6.8 - 10.0 Dark to light gray, SANDY CLAY,dry, moist at 10.0 ft bgs, low plasticity, no odor (CL)	SP		10.0					
		10.0 - 12.0 Light brown, poorly graded, fine SAND, moist, no odor (SP)	SC		1.3	3	GRAB	0.0	4.0/4.0	▼
		12.0 - 12.3 Light gray, CLAYEY fine SAND, wet at 12.25 ft bgs, no odor (SC)	SP		12.3					
	0	12.3 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)			-0.7					
15		14.0 - 19.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		14.0 -5.7	4	GRAB	0.0	5.0/5.0	
	-5									
20		19.0 - 24.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		19.0 -10.7	5	GRAB	0.0	5.0/5.0	
	-10									
25		24.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		24.0 -15.7	6	GRAB	0.0	5.0/5.0	
	-15									
30		29.0 - 32.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		29.0 -18.7	7	GRAB	0.0	5.0/5.0	
	-20	32.0 - 33.5 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		32.0 -20.2					
		33.5 - 34.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-20.7					
35		34.0 - 39.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		34.0 -25.7	8	GRAB	0.0	5.0/5.0	
	-25									
40		39.0 - 44.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		39.0	9	GRAB	0.0	5.0/5.0	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-24

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/10/08
DATE COMPLETED: 6/11/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,046.6 E: 1,275,216.1
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 13.2 ft
ELEVATION W.L.: 0.1 ft
DATE W.L.: 6/10/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 44.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP) *(Continued)*	SP		-30.7	9	GRAB	0.0	5.0/5.0	
45	-30	44.0 - 47.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		44.0 -33.7	10	GRAB	0.0	5.0/5.0	
	-35	47.0 - 48.3 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		47.0 -35.0					
		48.3 - 49.0 Light gray, SILTY CLAY, wet, friable, no odor (CL-ML)	CL-ML		-35.7					
50		49.0 - 53.0 Light gray, SILTY fine SAND, wet, no odor (SM)	SM		49.0 -39.7	11	GRAB	0.0	5.0/5.0	
	-40	53.0 - 53.3 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL							
		53.3 - 54.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-40.7					
55		54.0 - 59.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		54.0 -45.7	12	GRAB	0.0	5.0/5.0	
60	-45	59.0 - 65.0 Dark gray, poorly graded, fine SAND, wet, trace small wood fragments from 60.0 to 60.5 ft bgs, no odor (SP)	SP		59.0 -51.7	13	GRAB	0.0	6.0/6.0	
	-50	Boring completed at 65.0 ft								
65										
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-25

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/3/08
DATE COMPLETED: 7/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,576.1 E: 1,275,710.1
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 7/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 3.0 Gray, poorly graded, medium SAND, dry, no odor (SP)	SP		10.4	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 3.3 Red-brown, CLAY, dry, low plasticity, no odor (CL)	CL		3.3					
		3.3 - 5.0 Brown, fine SAND, trace Silt, dry, no odor (SP)	SP		8.4					
5		5.0 - 8.5 Light brown, fine SAND, some Silt, dry, no odor (SM)	SM		5.0 4.9	2	GRAB	0.0	5.0/5.0	
	5	8.5 - 9.8 Dark gray to black, SILT, dry, no odor (ML)	ML		8.5 3.7					
10		9.8 - 10.0 Gray, poorly graded, fine SAND, moist, no odor (SP)	SP		10.0					
		10.0 - 13.0 Gray, CLAYEY SAND, wet at 11.5 ft bgs, no odor (SC)	SC		0.4	3	GRAB	0.0	4.0/4.0	▼
	0	13.0 - 14.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		13.0 -0.6					
		Boring completed at 14.0 ft								
15										
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-26

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/1/08
DATE COMPLETED: 7/1/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,110.1 E: 1,275,008.8
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 7/1/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 4.3 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
	10				9.0					
		4.3 - 4.5 Brown, SILTY fine SAND, dry, no odor (SM)	SM SP		8.2					
5		4.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)			5.0					
		5.0 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.2	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 8.3 Gray, fine SANDY SILT, dry, no odor (ML)	ML CL		8.3 4.0					
		8.3 - 9.3 Dark gray to black, CLAY, moist, low plasticity, no odor (CL)	SM CL		3.2					
10		9.3 - 9.5 Dark gray to black, SILTY fine SAND, moist, no odor (SM)			10.0					
		9.5 - 10.0 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		1.2	3	GRAB	0.0	4.0/4.0	▼
		10.0 - 12.0 Dark gray, CLAY, trace fine Sand, wet, low plasticity, no odor (CL)	SC		12.0 0.2					
	0	12.0 - 13.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SP		13.0 -0.8					
15		13.0 - 14.0 Dark gray to black, fine to medium SAND, wet, no odor (SP) Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-27

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/5/08
DATE COMPLETED: 7/7/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,964.6 E: 1,275,139.9
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.3 ft
DATE W.L.: 6/5/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
	10	0.5 - 5.0 Red-brown, fine SAND, trace Silt, dry, fine to medium gravel to 1.0 ft bgs, no odor (SP)	SP		8.4	1	GRAB	86.4	4.5/5.0	
5		5.0 - 9.5 Red-brown, fine SAND, dry, trace Silty fine Sand lenses with trace fine gravel, no odor (SP)	SP		5.0 3.9	2	GRAB	15.7	5.0/5.0	
10	5	9.5 - 10.0 Dark brown, CLAY, some medium Sand, moist, low plasticity, no odor (CL)	CL		3.4					
		10.0 - 11.0 Dark brown, fine to medium SAND, moist, cobbles at 11.0 ft bgs, no odor (SP)	SP		10.0 2.4					
			CL							
			SC		1.6					
		11.0 - 11.3 Gray, CLAY, wet, low plasticity, no odor (CL)	SP		11.8	3	GRAB	35.0	4.0/4.0	▼
	0	11.3 - 11.8 Dark gray and brown, CLAYEY fine SAND, wet, no odor (SC)			-0.6					
15		11.8 - 14.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		14.0					
		14.0 - 17.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)			-4.1	4	GRAB	0.0	5.0/5.0	
	-5	17.5 - 19.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		17.5 -5.6					
20		19.0 - 24.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		19.0 -10.6	5	GRAB	0.0	5.0/5.0	
25	-10	24.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		24.0 -15.6	6	GRAB	0.0	5.0/5.0	
30	-15	29.0 - 34.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		29.0 -20.6	7	GRAB	0.0	5.0/5.0	
35	-20	34.0 - 39.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		34.0 -25.6	8	GRAB	0.0	5.0/5.0	
40	-25	39.0 - 40.0 Dark gray to black, SILTY fine SAND, trace to little Clay, wet, no	SM		39.0 -26.6	9	GRAB	0.0	1.0/1.0	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-27

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/5/08
DATE COMPLETED: 7/7/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,964.6 E: 1,275,139.9
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.3 ft
DATE W.L.: 6/5/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		odor (SM)			40.0					
		40.0 - 55.0 Dark gray to black, fine SAND, trace coarse Sand, wet, no odor (SP)	SP			10	GRAB	0.0	5.0/5.0	
	-30									
45						11	GRAB	0.0	5.0/5.0	
	-35									
50						12	GRAB	0.0	5.0/5.0	
	-40				-41.6					
55		55.0 - 59.0 Light gray, SILTY fine SAND, wet, no odor (SM)	SM		55.0	13	GRAB	0.0	5.0/5.0	
	-45				-45.6					
		59.0 - 60.0 Dark gray, fine SANDY SILT, wet, no odor (ML)	ML		59.0 -46.6					
60		60.0 - 65.0 Dark gray, fine SAND, trace Silt, wet, no odor (SP)	SP		60.0	14	GRAB	0.0	5.0/5.0	
	-50				-51.6					
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-28

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/6/08
DATE COMPLETED: 6/6/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,714.5 E: 1,275,490.2
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.6 ft
DATE W.L.: 6/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.2	1	GRAB	0.0	4.5/5.0	
5	5	5.0 - 10.0 Bbrown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 3.2	2	GRAB	0.0	5.0/5.0	
10	0	10.0 - 11.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.0 2.2	3	GRAB	0.0	4.0/4.0	▼
		11.0 - 13.5 Dark brown and gray, CLAYEY fine SAND, wet at 12.0 ft bgs, no odor (SC)	SC		11.0 -0.3					
		13.5 - 14.0 Gray, fine to medium SAND, wet, no odor (SP)	SP		-0.8					
15	-5	Boring completed at 14.0 ft								
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-29

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/3/08
DATE COMPLETED: 6/4/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,792.1 E: 1,275,228.3
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 6/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
	10	0.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.2	1	GRAB	180	4.5/5.0	
5		5.0 - 7.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.7	2	GRAB	156	5.0/5.0	
	5	7.5 - 8.0 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		5.2					
		8.0 - 9.5 Dark gray and dark brown, CLAYEY fine SAND, moist at 9.5 ft bgs, no odor (SC)	SC		8.0 3.7					
10		9.5 - 10.0 Dark brown to black, fine SANDY CLAY, moist, low plasticity, no odor (CL)	CL SP		3.2 10.0 1.7					
	0	10.0 - 11.5 Brown, poorly graded, fine SAND, moist, no odor (SP)	SP		11.5	3	GRAB	283	4.0/4.0	▼
		11.5 - 14.0 Dark gray to black, fine to medium SAND, wet at 11.5 ft bgs, no odor (SP)			-0.8					
15		14.0 - 19.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		14.0 -5.8	4	GRAB	86.8	5.0/5.0	
	-5	19.0 - 24.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		19.0 -10.8	5	GRAB	156	5.0/5.0	
20	-10	24.0 - 27.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		24.0 -13.8	6	GRAB	247	5.0/5.0	
25		27.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		27.0 -15.8					
	-15	29.0 - 32.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP		29.0 -18.8	7	GRAB	161	3.0/3.0	
30		32.0 - 36.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		32.0 -22.8	8	GRAB	89	4.0/4.0	
	-20	36.0 - 38.0 Dark gray to black, poorly graded, medium SAND, wet, 1-inch light gray soft low plasticity Clay at 37.5 ft bgs, no odor (SP)	SP		36.0 -24.8	9	GRAB	1766	4.0/4.0	
35		38.0 - 39.0 Dark gray to black, SILT, some fine SAND, wet, low plasticity, no odor (ML)	ML		38.0 -25.8					
	-25	39.0 - 40.0	SP		39.0 -26.8					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-29

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/3/08
DATE COMPLETED: 6/4/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,792.1 E: 1,275,228.3
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 6/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)			40.0					
		40.0 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-31.8	10	GRAB	8.9	5.0/5.0	
45	-30	45.0 - 47.0 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML		45.0 -33.8					
		47.0 - 48.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		47.0 -34.8	11	GRAB	19.6	5.0/5.0	
	-35	48.0 - 48.5 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML CL		-35.3 -35.8					
		48.5 - 49.0 Dark gray, CLAY, some Sand, wet, low plasticity, no odor (CL)	SP		49.0 -36.8					
50		49.0 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)			50.0					
		50.0 - 55.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-41.8	12	GRAB	0.0	5.0/5.0	
	-40									
55		55.0 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0 -46.8	13	GRAB	0.0	5.0/5.0	
	-45									
60		60.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -51.8	14	GRAB	0.0	5.0/5.0	
	-50									
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-30

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/16/08
DATE COMPLETED: 6/16/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,562.3 E: 1,275,437.9
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 68 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 6/16/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 2.8 Light brown, poorly graded, fine SAND, dry, 1/4-inch burnt organic matter at 1.0 ft bgs, no odor (SP)	SP		10.7	1	GRAB	0.0	4.5/5.0	
	10	2.8 - 5.0 Red-brown, SILTY fine SAND, trace fine gravel, dry, no odor (SM)	SM		2.8 8.4					
5		5.0 - 8.0 Red-brown, CLAYEY fine SAND, dry, no odor (SC)	SC		5.0 5.4	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 8.3 Gray and brown, CLAY, dry, friable, no odor (CL)	CL		8.3					
		8.3 - 10.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.4					
10		10.0 - 14.0 Brown, poorly graded, fine SAND, wet at 12.0 ft bgs, no odor (SP)	SP		10.0	3	GRAB	0.0	4.0/4.0	▼
	0				-0.6					
		Boring completed at 14.0 ft								
15										
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-31

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/8/06
DATE COMPLETED: 7/8/06
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,866.2 E: 1,274,840.1
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.5 ft
DATE W.L.: 7/8/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 3.5 Brown, fine SAND, trace Silt, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
	10				9.8					
		3.5 - 5.0 Gray to brown, poorly graded, medium SAND, dry, no odor (SP)	SP		3.5 8.3					
5		5.0 - 8.5 Gray to brown, poorly graded, medium SAND, dry, no odor (SP)	SP		5.0	2	GRAB	0.0	5.0/5.0	
	5				4.8					
		8.5 - 8.8 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM SP		3.8					
10		8.8 - 9.5 Gray to brown, poorly graded, medium SAND, dry, no odor (SP)	SP-SM		3.3 10.0					
		9.5 - 10.0 Brown, fine SAND, trace to little Silt, dry, no odor (SP-SM)	SP		1.8					
		10.0 - 11.5 Brown, fine to medium SAND, dry, no odor (SP)	CL		11.5 0.8	3	GRAB	0.0	4.0/4.0	▼
	0	11.5 - 12.5 Gray, CLAY, little fine Sand, moist, wet at 11.5 ft bgs, low plasticity, no odor (CL)	SC SP		12.5 -0.2 -0.7					
15		12.5 - 13.5 Gray, CLAYEY fine SAND, wet, no odor (SC)								
		13.5 - 14.0 Dark gray, fine to medium SAND, wet, no odor (SP)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-32

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/28/08
DATE COMPLETED: 5/28/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,826.1 E: 1,274,880.5
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.3 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 5/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 1.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		11.8 1.5					
	10	1.5 - 4.0 Light gray to brown, SILTY fine SAND, dry, no odor (SM)	SM		9.3	1	GRAB	11.9	4.5/5.0	
5		4.0 - 4.5 Light gray to brown, fine SANDY CLAY, some Silt, dry, low plasticity, no odor (CL)	CL		8.8 4.5					
	5	4.5 - 9.5 Red-brown, poorly sorted, fine to medium SAND, dry, rare 1/4-inch silt lenses, dry, no odor (SP)	SP		3.8	2	GRAB	14.7	5.0/5.0	
10		9.5 - 10.0 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL SP		3.3 2.8					
	0	10.0 - 10.5 Red-brown, poorly graded, fine SAND, wet, no odor (SP)	CL-ML		2.3 11.0					
		10.5 - 11.0 Light gray mottled brown, SILTY CLAY, little fine Sand, wet at 11.0 ft bgs, low plasticity, no odor (CL-ML)	SP-SM			3	GRAB	13.8	4.0/4.0	▼
		11.0 - 14.0 Gray and brown, fine SAND, trace to little Silt, wet, 1/2-inch dark brown medium sand at 14.0 ft bgs, no odor (SP-SM)			-0.7 14.0					
15		14.0 - 15.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-1.7 15.0	4	GRAB		1.0/1.0	
	-5	15.0 - 20.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-6.7	5	GRAB	175	5.0/5.0	
20		20.0 - 25.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		20.0 -11.7	6	GRAB	409	5.0/5.0	
25	-10	25.0 - 29.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		25.0 -15.7	7	GRAB	93.8	4.0/4.0	
	-15	29.0 - 30.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		29.0 -16.7	8	GRAB	118	1.0/1.0	
30		30.0 - 35.0 Dark gray to black, medium to coarse SAND, trace fine sub-rounded gravel, wet, no odor (SP)	SP		30.0 -21.7	9	GRAB	119	5.0/5.0	
35	-20	35.0 - 40.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		35.0 -26.7	10	GRAB	138	5.0/5.0	
40	-25	Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-32

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/28/08
DATE COMPLETED: 5/28/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,826.1 E: 1,274,880.5
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.3 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 5/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, wet, no odor (SP)	SP		40.0 -31.7	11	GRAB	179	5.0/5.0	
45	-30	45.0 - 50.0 Dark brown, poorly graded, fine SAND, wet, no odor (SP)	SP		45.0 -36.7	12	GRAB	212	5.0/5.0	
50	-35	50.0 - 52.5 Dark gray to black, fine SAND, some Silt, wet, no odor (SM)	SM		50.0 -39.2	13	GRAB	905	5.0/5.0	
	-40	52.5 - 53.0 Dark gray to black, fine SANDY CLAY, some Silt, wet, low plasticity, no odor (CL)	CL		-39.7					
		53.0 - 55.0 Dark gray to black, fine SAND, trace Silt, wet, no odor (SP)	SP		53.0 -41.7					
55	-45	55.0 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0 -46.7	14	GRAB	472	5.0/5.0	
60	-50	60.0 - 63.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -50.2	15	GRAB	325	5.0/5.0	
		63.5 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		63.5 -51.7					
65		Boring completed at 65.0 ft								
70	-55									
75	-60									
80	-65									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-33

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/2/08
DATE COMPLETED: 6/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,698.4 E: 1,275,080.7
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 64 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.3 ft
DATE W.L.: 6/2/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 4.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP			1	GRAB	86.2	4.5/5.0	
	10				9.4					
5		4.0 - 11.5 Light brown, fine SAND, trace Silt, dry to 10.5 ft and wet 11.0 ft bgs, cobbles at 5.0 at 9.5 ft bgs, no odor (SP)	SP		4.0	2	GRAB	91.8	5.0/5.0	
	5									
10					1.9					
		11.5 - 12.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		1.4	3	GRAB	85.8	4.0/4.0	▼
		12.0 - 13.5 Dark gray and brown, CLAYEY medium SAND, wet, no odor (SC)	SC		12.0 -0.1					
	0	13.5 - 14.0 Dark gray to black, fine to medium SAND, large wood fragments, wet, no odor (SP)	SP		-0.6 14.0					
15			CL		-1.6					
		14.0 - 15.0 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)			15.0					
		15.0 - 18.0 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC			4	GRAB	303	5.0/5.0	
	-5				-4.6					
		18.0 - 19.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		18.0 -5.6					
20		19.0 - 24.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		19.0	5	GRAB	152	5.0/5.0	
	-10				-10.6					
25		24.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		24.0	6	GRAB	142	5.0/5.0	
	-15				-15.6					
30		29.0 - 32.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		29.0	7	GRAB	576	3.0/3.0	
					-18.6					
	-20	32.0 - 35.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		32.0	8	GRAB	185	3.0/3.0	
35					-21.6					
		35.0 - 40.0 Dark gray to black, fine to medium SAND, wet, 2-inches fine gravel at 38.85 ft bgs, no odor (SP)	SP		35.0	9	GRAB	36.2	5.0/5.0	
	-25									
40					-26.6					

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-33

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/2/08
DATE COMPLETED: 6/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,698.4 E: 1,275,080.7
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 64 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.3 ft
DATE W.L.: 6/2/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 43.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		40.0 -29.6	10	GRAB	17.6	5.0/5.0	
	-30	43.0 - 44.5 Dark gray to black, SILT, trace fine Sand, wet, no odor (ML)	ML		43.0 -31.1					
45		44.5 - 45.0 Dark gray to black, CLAY, wet, low plasticity, no odor (CL)	CL		-31.6					
		45.0 - 46.0 Dark gray to black, CLAY, wet, low plasticity, no odor (CL)	CL		45.0 -32.6					
		46.0 - 48.5 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		46.0 -35.1	11	GRAB	27.9	5.0/5.0	
	-35	48.5 - 49.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		48.5 -36.1					
50		49.5 - 50.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-36.6 50.0					
		50.0 - 51.5 Dark gray to black, fine to medium SAND, trace to little Silt, wet, no odor (SP-SM)	SP-SM		-38.1 51.5	12	GRAB	21.3	5.0/5.0	
	-40	51.5 - 55.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		-41.6					
55		55.0 - 58.5 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML		55.0 -45.1	13	GRAB	37.1	5.0/5.0	
	-45	58.5 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		58.5 -46.6					
60		60.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -51.6	14	GRAB	28.5	5.0/5.0	
65		Boring completed at 65.0 ft								
	-50									
70										
	-55									
75										
	-60									
80	-65									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-34

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/7/08
DATE COMPLETED: 7/7/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,351.6 E: 1,275,493.8
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 12.7 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 7/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0 0.5					
		0.5 - 3.0 Light gray, poorly graded, fine SAND, dry, no odor (SP)	SP		10.5	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.0 8.5					
5		5.0 - 7.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.5					
	5	7.0 - 10.0 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		7.0 3.5	2	GRAB	0.0	5.0/5.0	
10		10.0 - 12.5 Dark brown, fine to medium SAND, wet at 11.5 ft bgs, no odor (SP)	SP		10.0 1.0	3	GRAB	0.0	4.0/4.0	▼
	0	12.5 - 13.5 Brown, SILTY fine SAND, wet, no odor (SM)	SM		12.5 0.0					
15		13.5 - 14.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP) Boring completed at 14.0 ft	SP		-0.5					
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-35

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/30/08
DATE COMPLETED: 6/2/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,644.9 E: 1,275,091.1
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 5/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 2.0 Brown, fine SAND and fine rounded GRAVEL, dry, no odor (FILL)	GP		11.2					
	10	2.0 - 4.5 Brown, poorly graded, fine SAND,with fine to medium rounded Gravel, dry, no odor (FILL)	GP		2.0 8.7	1	GRAB	0.0	4.5/5.0	
5		4.5 - 5.0 CONCRETE			8.2 5.0					
		5.0 - 7.0 Light gray to brown, fine SAND, some fine to medium Gravel, dry, no odor (FILL) (SP)	SP		6.2					
	5	7.0 - 10.0 Red-brown, poorly graded, fine SAND, dry, moist at 10 ft bgs, no odor (SP)	SP		7.0 3.2	2	GRAB	0.0	5.0/5.0	
10		10.0 - 12.0 Dark brown, poorly graded, fine SAND, wet at 11.5 ft bgs, no odor (SP)	SP		10.0 1.2					
	0	12.0 - 14.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		12.0 -0.8	3	GRAB	0.0	5.0/5.0	▼
15		14.0 - 16.0 Dark gray to black, fine to medium SAND, little to some Silt, wet, some wood fragments, no odor (SM)	SM		14.0 -2.8					
	-5	16.0 - 19.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		16.0 -5.8	4	GRAB	179	5.0/5.0	
20		19.0 - 23.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		19.0 -10.3	5	GRAB	952	5.0/5.0	
	-10	23.5 - 24.0 Gray, fine SAND and SILT, with medium to coarse sub-rounded Gravel, wet, no odor (SM)	SM		-10.8 24.0					
25		24.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-15.8	6	GRAB	481	5.0/5.0	
	-15	29.0 - 31.8 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		29.0 -18.6					
30		31.8 - 31.9 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL SP		32.0	7	GRAB	827	5.0/5.0	
	-20	31.9 - 32.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP							
35		32.0 - 35.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)			-21.8					
	-25	35.0 - 39.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		35.0 -25.8	8	GRAB	892	5.0/5.0	
40		39.0 - 40.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		39.0 -26.8					
		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-35

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/30/08
DATE COMPLETED: 6/2/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,644.9 E: 1,275,091.1
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 5/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 45.0 Dark gray to black, poorly graded, medium SAND, wet, with trace fine wood fragments from 42 - 42.5 ft bgs, no odor (SP)	SP		40.0 -31.8	9	GRAB	827	5.0/5.0	
45	-30	45.0 - 50.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		45.0 -36.8	10	GRAB	77.9	5.0/5.0	
50	-35	50.0 - 54.8 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		50.0 -41.6	11	GRAB	61	5.0/5.0	
55	-40	54.8 - 55.0 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		55.0	12	GRAB	21.0	5.0/5.0	
	-45	55.0 - 58.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		-44.8					
60		58.0 - 60.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		58.0 -46.8					
	-50	60.0 - 65.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		60.0 -51.8	13	GRAB	0.0	5.0/5.0	
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-36

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/1/08
DATE COMPLETED: 7/1/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,081.6 E: 1,274,961.2
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.3 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 7/1/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
	10	0.5 - 5.0 Brown, poorly graded, medium SAND, dry, no odor (SP)	SP		8.3	1	GRAB	16.8	4.5/5.0	
5		5.0 - 8.5 Brown, poorly graded, medium SAND, dry, no odor (SP)	SP		5.0 4.8	2	GRAB	0.0	5.0/5.0	
	5	8.5 - 10.0 Gray, SILTY fine SAND, damp, no odor (SM)	SM		8.5 3.3					
10		10.0 - 12.0 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		10.0 1.3	3	GRAB	0.0	4.0/4.0	▼
	0	12.0 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP		12.0 -0.7					
		Boring completed at 14.0 ft								
15	-5									
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-37

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/22/08
DATE COMPLETED: 5/27/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,734.3 E: 1,274,894.8
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 56 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 5/22/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE	SP		12.8 12.3					
		0.5 - 1.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)			1.0					
	10	1.0 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.3	1	GRAB	0.0	4.5/5.0	
5		5.0 - 6.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.8					
	5	6.5 - 9.0 Brown, fine SAND, some Silt, dry, no odor (SM)	SM		6.5 4.3	2	GRAB	0.0	5.0/5.0	
		9.0 - 10.0 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		9.0 3.3					
10		10.0 - 11.5 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.0 1.8					
		11.5 - 12.0 Dark brown, SILTY fine SAND, wet at 12.0 ft bgs, no odor (SM)	SM		1.3 12.0					
	0	12.0 - 14.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		-0.7	3	GRAB	0.0	3.0/5.0	▼
15		14.0 - 19.0 NO RECOVERY			14.0 -5.7	4	GRAB	1071	5.0/5.0	
	-5	19.0 - 21.0 Red-brown, fine SAND, some Silt, wet, no odor (SM)	SM		19.0 -7.7					
20		21.0 - 21.3 Dark brown, fine SAND, wet, with large (>1-inch) wood fragments, no odor (SP)	SP		21.5	5	GRAB	1509	5.0/5.0	
		21.3 - 21.5 CONCRETE FRGAMENTS; probable slough	SP		-9.7					
	-10	21.5 - 23.0 Dark brown, poorly graded, medium SAND, wet, no odor (SP)			23.0					
25		23.0 - 26.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-12.7					
		26.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		26.0 -15.7	6	GRAB	0.0	5.0/5.0	
	-15	29.0 - 30.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		29.0 -16.7					
30		30.0 - 32.0 Dark gray to black, medium to coarse SAND, trace fine sub-rounded Gravel, wet, no odor (SP)	SP		30.0 -18.7	7	GRAB	0.0	5.0/5.0	
	-20	32.0 - 35.0 Dark gray to black, medium to coarse SAND, trace fine sub-rounded Gravel, wet, no odor (SP)	SP		32.0 -21.7					
35		35.0 - 40.0 Dark gray to black, poorly graded, medium SAND, saturted, no odor (SP)	SP		35.0 -26.7	8	GRAB	478	5.0/5.0	
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-37

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/22/08
DATE COMPLETED: 5/27/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,734.3 E: 1,274,894.8
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 56 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 5/22/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 43.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		40.0 -29.7	9	GRAB	213	5.0/5.0	
	-30	43.0 - 44.5 Dark gray, fine SANDY SILT, wet, no odor (ML)	ML		43.0 -31.2					
45		44.5 - 45.0 Light gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		-31.7					
		45.0 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		45.0 -36.7	10	GRAB	417	5.0/5.0	
	-35									
50		50.0 - 52.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		50.0 -38.7					
		52.0 - 55.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		52.0 -41.7	11	GRAB	382	5.0/5.0	
	-40									
55		55.0 - 58.5 Dark gray, fine SAND, trace to little Silt, wet, no odor (SP-SM)	SP-SM		55.0 -45.2	12	GRAB	402	5.0/5.0	
	-45	58.5 - 60.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		58.5 -46.7					
60		60.0 - 64.5 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML		60.0 -51.2	13	GRAB	867	5.0/5.0	
	-50									
65		64.5 - 65.0 Dark gray to black, fine SANDY SILT and CLAY, wet, hard, no odor (CL-ML)	CL-ML		-51.7					
		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-38

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/21/08
DATE COMPLETED: 5/23/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,699.4 E: 1,274,931.0
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 11.9 ft
ELEVATION W.L.: 1.4 ft
DATE W.L.: 5/21/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8					
			SM		12.3					
		0.5 - 1.0 Brown, fine to medium SAND, some Silt, dry, no odor (SM)			1.0					
		1.0 - 6.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
5					7.3					
		6.0 - 9.5 Brown, fine to medium SAND, dry, no odor (SP)	SP		6.0 3.8	2	GRAB	0.0	5.0/5.0	
10		9.5 - 11.5 Dark brown, medium SAND, little Silt, dry, moist at 11.0 ft bgs, no odor (SP-SM)	SP-SM		9.5 1.8					
		11.5 - 12.5 Light brown to light gray, fine SANDY CLAY, little silt, wet at 12.0 ft bgs, low plasticity, no odor (CL)	CL		11.5 0.8	3	GRAB	0.0	5.0/5.0	▼
		12.5 - 14.0 Dark gray to black, fine to medium SAND, trace fine sub-rounded Gravel, wet, no odor (SP)	SP		12.5 -0.7					
15		14.0 - 16.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		14.0 -2.7					
		16.0 - 17.5 Dark gray to black, SILT and fine SAND, wet, with some large (>3-inch) wood fragments, no odor (SM)	SM		16.0 -4.2	4	GRAB	0.0	5.0/5.0	
		17.5 - 21.0 Dark gray to black, fine to medium SAND, little Silt, wet, no odor (SP-SM)	SP-SM		17.5 -7.7					
20		21.0 - 21.5 Dark gray, SILTY fine SAND, wet, with large (>3-inch) wood fragments, no odor (SM)	SM		-8.2					
		21.5 - 23.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		21.5 -9.7	5	GRAB	0.0	5.0/5.0	
		23.0 - 26.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		23.0 -12.7					
25		26.0 - 29.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		26.0 -15.7	6	GRAB	4.1	5.0/5.0	
		29.0 - 33.5 Dark gray to black, medium to coarse SAND, wet, trace fine sub-rounded gravel, no odor (SP)	SP		29.0 -20.2	7	GRAB	409	5.0/5.0	
30		33.5 - 35.0 Dark gray to black, fine SAND, some Silt, wet, no odor (SM)	SM		33.5 -21.7					
		35.0 - 36.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		35.0 -22.7	8	GRAB	43.1	5.0/5.0	
		36.0 - 36.5 Dark gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		-23.2					
35		36.5 - 40.0 Dark gray to black, fine SAND, trace Silt, wet, small wood fragments from 36.5 to 37.5 ft bgs, no odor (SP)	SP		36.5 -26.7					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-38

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/21/08
DATE COMPLETED: 5/23/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,699.4 E: 1,274,931.0
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 11.9 ft
ELEVATION W.L.: 1.4 ft
DATE W.L.: 5/21/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 45.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		40.0 -31.7	9	GRAB	0.0	5.0/5.0	
45	-30	45.0 - 50.0 Dark gray to black, fine SAND, wet, fine wood fragments between 45 - 45.4 ft bgs, bo odor (SP)	SP		45.0 -36.7	10	GRAB	0.0	5.0/5.0	
50	-35	50.0 - 53.5 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML		50.0 -40.2	11	GRAB	0.0	5.0/5.0	
	-40	53.5 - 55.0 Dark gray to black, fine SAND, little Silt, wet, no odor (SP-SM)	SP-SM		53.5 -41.7					
55		55.0 - 59.0 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML		55.0 -45.7	12	GRAB	0.0	5.0/5.0	
	-45	59.0 - 59.5 Dark gray to black, fine SAND, wet, no odor (SP)	SP		-46.2					
60		59.5 - 59.7 Gray, CLAY, wet, low plasticity, no odor (CL)	CL							
		59.7 - 60.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		60.0					
	-50	60.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-51.7	13	GRAB	0.0	5.0/5.0	
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-39

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/20/08
DATE COMPLETED: 5/21/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,684.0 E: 1,274,949.4
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 5/20/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 3.5 Brown, fine SAND, little Silt, dry, no odor (FILL) (SP-SM)	SP-SM			1	GRAB	0.0	4.5/5.0	
	10				9.7					
		3.5 - 4.0 Brown, SILTY fine SAND, some thin gray Silt lenses, dry, no odor (FILL) (SM)	SM SP		9.2 4.0 8.2					
5		4.0 - 5.0 Brown, fine to medium SAND, dry, no odor (FILL) (SP)	SP		5.0					
		5.0 - 7.5 Brown, fine to medium SAND, dry, no odor (FILL) (SP)			5.7	2	GRAB	0.0	5.0/5.0	
	5	7.5 - 10.0 Light gray and brown, fine SAND, little Silt, wet at 10 ft bgs, with cobble-sized concrete, brick, and trace fine to medium gravel, no odor (FILL) (SP-SM)	SP-SM		7.5 3.2					
10		10.0 - 11.0 Light brown, SILTY fine SAND, wet, no odor (SM)	SM		10.0 2.2					
		11.0 - 11.5 Gray-brown CLAY, some fine Sand and Silt, wet, low plasticity, no odor (CL)	CL SM		1.7 1.2					
	0	11.5 - 12.0 Dark brown, SILTY fine SAND, wet, no odor (SM)	SP		12.0	3	GRAB	0.0	5.0/5.0	▼
		12.0 - 14.0 Dark brown, fine to medium SAND, wet, no odor (SP)			-0.8					
15		14.0 - 17.5 Dark brown, fine to medium SAND, trace Silt, wet, no odor (SP)	SP		14.0 -4.3	4	GRAB	0.0	5.0/5.0	
	-5	17.5 - 19.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		17.5 -5.8					
20		19.0 - 23.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		19.0 -9.8	5	GRAB	0.0	5.0/5.0	
	-10	23.0 - 27.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		23.0 -13.8					
25		27.0 - 28.0 Dark gray to black, fine SAND, little Silt, wet, trace medium sub-rounded gravel, no odor (SP-SM)	SP-SM		27.0 -14.8	6	GRAB	0.0	5.0/5.0	
	-15	28.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		28.0 -15.8 29.0					
30		29.0 - 31.5 Dark gray to black, medium to coarse SAND, wet, trace fine sub-rounded gravel, no odor (SP)	SP		-18.3					
		31.5 - 32.0 Dark gray to black, fine SAND, trace to little Silt, wet, with gray clay lenses, low plasticity, no odor (SP-SM)	SP-SM SP		-18.8 32.0 -19.8	7	GRAB	0.0	5.0/5.0	
	-20	32.0 - 33.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SM		33.0					
35		33.0 - 35.0 Dark gray to black, SILTY fine SAND, wet, with some large (>1-inch) wood fragments, no odor (SM)			-21.8					
		35.0 - 40.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		35.0	8	GRAB	0.0	5.0/5.0	
	-25									
40					-26.8					

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-39

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/20/08
DATE COMPLETED: 5/21/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,684.0 E: 1,274,949.4
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 5/20/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 42.5 Dark gray to black, fine SAND, wet, no odor (SP)	SP		40.0 -29.3	9	GRAB	0.0	5.0/5.0	
	-30	42.5 - 44.3 Dark gray to black, SILT and fine SAND, wet, some fine wood fragments, no odor (SM)	SM		42.5 -31.1					
		44.3 - 45.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-31.8					
45		45.0 - 46.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		45.0 -33.3	10	GRAB	0.0	5.0/5.0	
		46.5 - 47.5 Dark gray to black, fine SAND,with Silt, wet, some fine wood fragments, no odor (SM)	SM		46.5 -34.3					
	-35	47.5 - 49.5 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML		47.5 -36.3					
		49.5 - 50.0 Dark gray to black, fine SAND, wet, interlayerd 1/8-inch thick light gray silt laminations, no odor (SM)	SM		-36.8					
50		50.0 - 53.5 Dark gray to black, fine SAND, little Silt, wet, no odor (SP-SM)	SP-SM		50.0 -40.3	11	GRAB	0.0	5.0/5.0	
	-40	53.5 - 54.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		-40.8					
		54.0 - 54.2 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		54.2					
55		54.2 - 55.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		-41.8 55.0					
	-45	55.0 - 60.0 Dark gray to black, fine SAND, some Silt, wet, no odor (SM)	SM		-46.8	12	GRAB	0.0	5.0/5.0	
60		60.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -51.8	13	GRAB	0.0	5.0/5.0	
	-50	Boring completed at 65.0 ft								
65										
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-40

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/15/08
DATE COMPLETED: 5/21/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,660.4 E: 1,274,979.0
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 56 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 5/15/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 2.0 Brown, SILTY fine SAND, dry, no odor (SM)	SM		11.2					
	10	2.0 - 4.0 Light gray, fine to medium SAND, dry, no odor (SP)	SP		2.0 9.2	1	GRAB	0.0	4.5/5.0	
5		4.0 - 6.0 Light gray, fine to medium SAND, dry, no odor (SP)	SP		4.0 7.2					
		6.0 - 8.0 Brown, SILTY fine SAND, dry, no odor (SM)	SM		6.0 5.2	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 9.5 Light gray, fine to medium SAND, dry, no odor (SP)	SP		8.0 3.7					
10		9.5 - 11.0 Brown, SILTY fine SAND, moist at 11.0 ft bgs, no odor (SM)	SM		9.5 2.2					
		11.0 - 12.0 Dark brown, SILTY fine to medium SAND, some Clay, wet, no odor (SC-SM)	SC-SM		11.0 1.2					▼
		12.0 - 13.0 Mottled dark gray and light brown, SILTY CLAY, wet, low plasticity, no odor (CL)	CL		12.0 0.2	3	GRAB	0.0	5.0/5.0	
	0	13.0 - 14.0 Dark brown, poorly graded, fine SAND, trace Silt, wet, no odor (SP)	SP		13.0 -0.8					
15		14.0 - 16.0 Dark brown, poorly graded, fine SAND, wet, no odor (SP)	SP		14.0 -2.8					
		16.0 - 19.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		16.0 -5.8	4	GRAB	0.0	5.0/5.0	
	-5	19.0 - 20.0 Dark gray to black, SILTY fine SAND, wet, some fine wood fragments, no odor (SM)	SM		19.0 -6.8					
20		20.0 - 23.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		20.0 -9.8	5	GRAB	0.0	5.0/5.0	
	-10	23.0 - 26.5 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		23.0 -13.3					
25		26.5 - 27.0 Dark gray to black, fine to medium SAND, wet, trace fine sub-rounded gravel, no odor (SP)	SP		-13.8 27.0	6	GRAB	0.0	5.0/5.0	
	-15	27.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-15.8 29.0					
30		29.0 - 32.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-18.8					
	-20	32.0 - 35.0 Dark gray to black, poorly graded, medium SAND, wet, fine wood fragments at 33.5 ft bgs, no odor (SP)	SP		32.0 -21.8	7	GRAB	0.0	5.0/5.0	
35		35.0 - 40.0 Dark gray to black, medium SAND, wet, large (>1-inch) wood fragments at 36.5 ft bgs, no odor (SP)	SP		35.0 -26.8	8	GRAB	0.0	5.0/5.0	
	-25									
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-40

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/15/08
DATE COMPLETED: 5/21/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,660.4 E: 1,274,979.0
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 56 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 5/15/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 43.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		40.0	9	GRAB	0.0	5.0/5.0	
	-30				-30.3					
		43.5 - 44.0 Dark gray to black, coarse SAND, and fine Gravel, wet, no odor (SP)	SP		-30.8					
			CL-ML		44.0 -31.8					
45		44.0 - 45.0 Dense, dark gray, fine SANDY SILT and CLAY, wet, no odor (CL-ML)	SM		45.0 -33.3					
		45.0 - 46.5 Dark gray to black, fine SAND, some Silt, wet, small wood fragments, no odor (SM)	SP		46.5	10	GRAB	0.0	5.0/5.0	
	-35	46.5 - 49.5 Dark gray to black, fine SAND, trace Silt, wet, no odor (SP)			-36.3					
		49.5 - 50.0 Dark gray to black, interlayered fine SAND and SANDY CLAY, trace Silt, wet, low plasticity, no odor (CL)	CL		-36.8					
50		50.0 - 55.0 Dark gray to black, fine SAND, wet, some fine wood fragments to 51.5 ft bgs, no odor (SP)	SP		50.0	11	GRAB	0.0	5.0/5.0	
	-40				-41.8					
55		55.0 - 57.5 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		55.0 -44.3	12	GRAB	0.0	5.0/5.0	
		57.5 - 57.8 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		57.8					
	-45	57.8 - 59.5 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		-46.3					
		59.5 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-46.8					
60		60.0 - 63.5 Dark gray to black, fine SANDY SILT, wet, no odor (ML)	ML		60.0	13	GRAB	0.0	5.0/5.0	
	-50				-50.3					
		63.5 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		63.5 -51.8					
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-41

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/14/08
DATE COMPLETED: 5/19/08
WEATHER: Inside bldg

DATUM: Geodetic
COORDS: N: 196,630.9 E: 1,275,014.1
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 5/14/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 1.5 Brown, fine SAND, trace fine Gravel, dry, no odor (SP)	SP		11.7 1.5	1	GRAB	0.0	3.5/4.0	
	10	1.5 - 4.0 Brown, SILTY fine SAND, dry, no odor (SM)	SM		9.2					
5		4.0 - 6.0 Light brown, poorly sorted, fine to medium SAND, dry, no odor (SP)	SP		4.0 7.2	2	GRAB	0.0	4.0/4.0	
		6.0 - 8.0 Brown, fine SAND, some Silt, dry, no odor (SM)	SM		6.0 5.2					
	5	8.0 - 10.0 Brown, SILTY fine SAND, dry, no odor (SM)	SM		8.0 3.2	3	GRAB	0.0	4.0/4.0	
10		10.0 - 12.0 Brown, fine to medium SAND, moist at 11.0 ft bgs, no odor (SP)	SP		10.0 1.2					
		12.0 - 13.0 Brown, fine to medium SAND, wet, no odor (SP)	SP		12.0 0.2	4	GRAB	0.0	4.0/4.0	▼
	0	13.0 - 14.0 Dark brown, medium SAND, wet, no odor (SP)	SP		13.0 -0.8					
		14.0 - 15.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		14.0 -1.8					
15		15.0 - 16.0 Light brown and gray, SILTY CLAY, trace fine SAND, wet, low plasticity, no odor (CL-ML)	CL-ML		15.0 -2.8					
		16.0 - 20.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		16.0 -6.8	5	GRAB	0.0	4.0/4.0	
20		20.0 - 23.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		20.0 -9.8	6	GRAB	0.0	4.0/4.0	
	-10	23.0 - 27.0 Dark gray to black, poorly graded, medium SAND, wet, 2-inch concrete fragment at 26.5 ft bgs, no odor (SP)	SP		23.0 -13.8	7	GRAB	0.0	4.0/4.0	
25		27.0 - 29.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		27.0 -15.8					
	-15	29.0 - 31.0 Dark gray to black, fine to medium SAND, little Silt, wet, no odor (SP-SM)	SP-SM		29.0 -17.8	8	GRAB	0.0	4.0/4.0	
30		31.0 - 35.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		31.0 -21.8	9	GRAB	0.0	4.0/4.0	
	-20	35.0 - 38.5 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		35.0 -25.3	10	GRAB	0.0	4.0/4.0	
35		38.5 - 38.8 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL SP							
	-25	38.8 - 39.0	SP		39.0					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-41

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/14/08
DATE COMPLETED: 5/19/08
WEATHER: Inside bldg

DATUM: Geodetic
COORDS: N: 196,630.9 E: 1,275,014.1
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 5/14/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		Dark gray to black, fine to medium SAND, wet, no odor (SP)								
		39.0 - 43.0 Dark gray to black, fine to medium SAND, wet, no odor (SP) *(Continued)*	SP		-29.8	11	GRAB	0.0	4.0/4.0	
	-30	43.0 - 47.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP		43.0 -33.8	12	GRAB	0.0	4.0/4.0	
45										
		47.0 - 51.0 Dark gray to black, fine to medium SAND, wet, root material and wood fragments at 49 ft bgs, no odor (SP)	SP		47.0 -37.8	13	GRAB	0.0	4.0/4.0	
	-35	51.0 - 53.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		51.0 -39.8					
50		53.0 - 55.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP		53.0 -41.8	14	GRAB	0.0	4.0/4.0	
		55.0 - 56.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		55.0 -42.8					
	-40	56.0 - 56.3 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL SM		-43.8					
		56.3 - 57.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	CL		57.0 -44.8	15	GRAB	0.0	4.0/4.0	
55		57.0 - 58.0 Gray, fine SANDY CLAY, some Silt, wet, low plasticity, no odor (CL)	SP		58.0 -45.8					
		58.0 - 59.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP		59.0					
	-45	59.0 - 61.3 Dark gray to black, fine to medium SAND, wet, no odor (SP)			-48.0					
		61.3 - 61.4 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL SP		61.4	16	GRAB	0.0	4.0/4.0	
60		61.4 - 63.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)			-49.8					
	-50	63.0 - 65.0 Dark brown, fine to medium SAND, wet, no odor (SP)	SP		63.0 -51.8	17	GRAB	0.0	1.0/1.0	
		Boring completed at 65.0 ft								
65										
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-42

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/13/08
DATE COMPLETED: 5/14/08
WEATHER: Inside bldg

DATUM: Geodetic
COORDS: N: 196,608.2 E: 1,275,040.0
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 52 F

INCLINATION: -90
DEPTH W.L.: 12.0 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 5/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 3.0 Brown, SILTY fine SAND, dry, no odor (SM)	SM		10.2	1	GRAB	0.0	3.5/4.0	
	10	3.0 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.0 8.2					
5		5.0 - 5.5 Brown, SILTY fine SAND, dry, no odor (SM)	SM		7.7 5.5	2	GRAB	0.0	4.0/4.0	
		5.5 - 9.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		4.2					
	5	9.0 - 14.0 Dark brown, poorly sorted, fine to medium SAND, moist at 11.5 ft bgs, wet at 12.5 ft bgs, no odor (SP)	SP		9.0 -0.8	3	GRAB	0.0	4.0/4.0	▼
10						4	GRAB	0.0	4.0/4.0	
	0	14.0 - 15.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		14.0 -1.8					
		15.0 - 16.0 Dark brown, fine to medium SAND, wet, no odor (SP)	SP		15.0 -2.8					
15		16.0 - 18.0 Dark brown, SILTY fine SAND, little Clay, wet, trace wood fragments, no odor (SM)	SM		16.0 -4.8	5	GRAB	0.0	4.0/4.0	
	-5	18.0 - 19.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		18.0 -5.8					
		19.0 - 23.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		19.0 -9.8	6	GRAB	0.0	4.0/4.0	
20	-10	23.0 - 27.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		23.0 -13.8	7	GRAB	0.0	4.0/4.0	
25		27.0 - 31.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		27.0 -17.8	8	GRAB	0.0	4.0/4.0	
	-15	31.0 - 35.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		31.0 -21.8	9	GRAB	0.0	4.0/4.0	
30		35.0 - 36.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		35.0 -23.3					
	-20	36.5 - 36.7 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		36.7					
35		36.7 - 39.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-25.8	10	GRAB	0.0	4.0/4.0	
	-25		SP		39.0					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-42

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/13/08
DATE COMPLETED: 5/14/08
WEATHER: Inside bldg

DATUM: Geodetic
COORDS: N: 196,608.2 E: 1,275,040.0
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 52 F

INCLINATION: -90
DEPTH W.L.: 12.0 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 5/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		39.0 - 40.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP) *(Continued)*	SP		-27.3					
		40.5 - 40.7 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		40.7					
		40.7 - 42.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-29.3	11	GRAB	0.0	4.0/4.0	
	-30	42.5 - 43.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		-29.8					
45		43.0 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		43.0					
		45.0 - 47.0 Dark gray to black, fine SAND, some Silt, wet, little organic material and wood fragments, no odor (SM)	SM		-31.8					
		47.0 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		45.0	12	GRAB	0.0	4.0/4.0	
50	-35	50.0 - 50.3 Dark brown to black, SILTY fine SAND, wet, no odor (SM)	SM		-33.8					
		50.3 - 51.0 Dark brown to black, fine SAND, little Silt, wet, no odor (SP-SM)	SP-SM		47.0					
		51.0 - 55.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-36.8	13	GRAB	0.0	4.0/4.0	
55	-40	55.0 - 57.0 Dark brown to black, fine SAND, wet, no odor (SP)	SP		-37.8					
		57.0 - 59.0 Dark gray to black, rhythmic fine SAND and SILT, wet, no odor (SM)	SM		51.0					
		59.0 - 63.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		-41.8	14	GRAB	0.0	4.0/4.0	
60	-45				55.0					
					-43.8					
					57.0	15	GRAB	0.0	4.0/4.0	
					-45.8					
					59.0					
						16	GRAB	0.0	4.0/4.0	
	-50				-49.8					
		63.0 - 65.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		63.0	17	GRAB	0.0	3.0/3.0	
65					-51.8					
		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-43

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 66.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/12/08
DATE COMPLETED: 5/13/08
WEATHER: Inside bldg

DATUM: Geodetic
COORDS: N: 196,569.8 E: 1,275,071.1
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 50 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 5/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 12.4					
		0.5 - 1.0 Brown, fine SAND, trace Silt, dry, no odor (SP)	SP SM		1.0 11.4	1	GRAB	0.0	1.5/4.0	
		1.0 - 2.0 Brown, SILTY fine SAND, dry, rare thin silt lenses, no odor (SM)			2.0					
	10	2.0 - 4.0 NO RECOVERY			9.4					
5		4.0 - 7.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		4.0 5.9	2	GRAB	0.0	3.5/4.0	
		7.5 - 8.0 NO RECOVERY	SP		5.4 4.9					
	5	8.0 - 8.5 Brown, fine SAND, dry, no odor (SP)	ML GP		4.4 3.9					
10		8.5 - 9.0 Brown, fine SANDY SILT, some Clay, moist, no odor (ML)	CL-ML		3.4 10.0	3	GRAB	0.0	2.0/4.0	
		9.0 - 9.5 Cobbles								
		9.5 - 10.0 Brown, fine SANDY SILT and CLAY, moist, no odor (CL-ML)			1.4					▼
		10.0 - 12.0 NO RECOVERY	CL-ML SP		12.0 0.4 13.0	4	GRAB	0.0	4.0/4.0	
	0	12.0 - 13.0 Gray-brown, fine SANDY SILT and CLAY, moist, no odor (CL-ML)			-0.6					
15		13.0 - 14.0 Dark brown, fine to medium SAND, wet, no odor (SP)			14.0					
		14.0 - 19.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP			5	GRAB	0.0	4.0/4.0	
	-5				-5.6					
20		19.0 - 23.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		19.0 -9.6	6	GRAB	0.0	4.0/4.0	
	-10	23.0 - 27.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)			23.0					
25			SP		-13.6	7	GRAB	0.0	4.0/4.0	
		27.0 - 29.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		27.0 -15.6					
	-15									
30		29.0 - 33.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		29.0 -19.6	8	GRAB	0.0	4.0/4.0	
	-20	33.0 - 35.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		33.0 -21.6	9	GRAB	0.0	4.0/4.0	
35		35.0 - 38.0 Dark gray to black, fine SAND, trace Silt, wet, no odor (SP)	SP		35.0 -24.6	10	GRAB	0.0	4.0/4.0	
	-25	38.0 - 40.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP		38.0 -26.6					
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-43

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 66.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/12/08
DATE COMPLETED: 5/13/08
WEATHER: Inside bldg

DATUM: Geodetic
COORDS: N: 196,569.8 E: 1,275,071.1
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 50 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 5/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 42.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP		40.0 -28.6	11	GRAB	0.0	4.0/4.0	
		42.0 - 42.2 Gray, SILTY CLAY, wet, low plasticity, no odor (CL)	CL							
		42.2 - 42.4 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM CL SP		42.5 -30.6					
45	-30	42.4 - 42.5 Gray, SILTY CLAY, wet, low plasticity, no odor (CL)	SP		44.0 -32.1					
		42.5 - 44.0 Dark gray, fine SAND, wet, no odor (SP)	SM		45.5 -33.1	12	GRAB	0.0	4.0/4.0	
		44.0 - 45.5 Dark gray to black, fine SAND, wet, no odor (SP)	CL		-33.6					
		45.5 - 46.5 Dark gray, SILTY fine SAND, wet, no odor (SM)	SP		47.0 -34.6					
50	-35	46.5 - 47.0 Dark brown and gray, fine SANDY CLAY, little Silt, wet, low plasticity, no odor (CL)	SP		48.0	13	GRAB	0.0	4.0/4.0	
		47.0 - 48.0 Dark gray to black, fine SAND, wet, no odor (SP)								
		48.0 - 51.0 Dark gray to black, fine SAND, wet, no odor (SP)			-37.6					
		51.0 - 51.5 Dark gray to black, fine SAND, some Silt, wet, no odor (SM)	SM SM		-38.1 -38.6					
		51.5 - 52.0 Dark gray to black, SILTY fine SAND, some Clay, wet, no odor (SM)			52.0					
55	-40	52.0 - 55.5 Dark gray to black, fine SAND, trace Silt, wet, no odor (SP)	SP			14	GRAB	0.0	4.0/4.0	
		55.5 - 55.7 Light gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL SP		-42.1					
		55.7 - 56.0 Dark gray to black, fine SAND, trace Silt, wet, no odor (SP)			56.0					
		56.0 - 60.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP			15	GRAB	0.0	4.0/4.0	
60	-45	60.0 - 64.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -46.6	16	GRAB	0.0	4.0/4.0	
	-50				-50.6					
65		64.0 - 66.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		64.0 -52.6	17	GRAB	0.0	2.0/2.0	
		Boring completed at 66.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-44

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 75.0 ft
AZIMUTH: N/A
LOCATION: Bldge 2-41, overbuilding

DRILL METHOD: Geoprobe
DRILL RIG: 7200
DATE STARTED: 12/16/08
DATE COMPLETED: 12/17/08
WEATHER: Inside bldg

DATUM: Geodetic
COORDS: N: 196,615.3 E: 1,274,950.8
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 18 F

INCLINATION: -90
DEPTH W.L.:
ELEVATION W.L.:
DATE W.L.:
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE SLAB			13.0 0.5					Boring begins 20.0 ft below floor slab
		0.5 - 20.0 VOID: Air space between base of overbuilding slab and bank of Duwamish Waterway			-6.5					
20		20.0 - 20.5 Dark brown, SILT, wet, no odor (ML)	ML		-7.0					
		20.5 - 22.5 Dark brown, SILTY fine SAND, wet, trace wood fragments, no odor (SM)	SM		20.5 -9.0	1	GRAB	0.0	5.0/5.0	
		22.5 - 25.0 Black, fine to medium SAND, wet, no odor (SP)	SP		22.5 -11.5					
25		25.0 - 26.0 Dark brown, fine SAND, wet, no odor (SP)	SP		25.0 -12.5					
		26.0 - 30.0 Dark brown, fine to medium SAND, wet, no odor (SP)	SP		26.0 -16.5	2	GRAB	0.0	5.0/5.0	
30		30.0 - 35.0 Dark brown, medium to coarse SAND, wet, some silt in lenses from 32.5 - 33 ft bgs, no odor (SP-SM)	SP-SM		30.0 -21.5	3	GRAB	0.0	5.0/5.0	
35		35.0 - 40.0 Dark brown, medium to coarse SAND, wet, no odor (SP)	SP		35.0 -26.5	4	GRAB	0.0	5.0/5.0	
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-44

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 75.0 ft
AZIMUTH: N/A
LOCATION: Bldge 2-41, overbuilding

DRILL METHOD: Geoprobe
DRILL RIG: 7200
DATE STARTED: 12/16/08
DATE COMPLETED: 12/17/08
WEATHER: Inside bldg

DATUM: Geodetic
COORDS: N: 196,615.3 E: 1,274,950.8
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 18 F

INCLINATION: -90
DEPTH W.L.:
ELEVATION W.L.:
DATE W.L.:
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 41.0 Dark brown, SILTY fine SAND, wet, no odor (SM)	SM		40.0 -27.5					
		41.0 - 43.0 Dark brown, SILT, little fine Sand, wet, no odor (ML)	ML		41.0 -29.5	5	GRAB	0.0	5.0/5.0	
	-30	43.0 - 45.0 Dark brown, fine SAND, wet, no odor (SP)	SP		43.0 -31.5					
45		45.0 - 49.5 Dark brown, fine SAND, wet, little silt from 46.0 - 48.0 ft bgs, no odor (SP-SM)	SP-SM		45.0 -36.0	6	GRAB	0.0	5.0/5.0	
	-35	49.5 - 50.0 Dark brown, medium SAND, some fine Shell fragments, wet, no odor (SP)	SP		-36.5 50.0					
50		50.0 - 53.5 Dark brown, fine SAND, wet, no odor (SP)	SP		-40.0	7	GRAB	0.0	5.0/5.0	
	-40	53.5 - 53.8 Dark brown, SILT, wet, no odor (ML)	ML		53.8					
55		53.8 - 55.0 Dark brown, fine SAND, wet, 1/2-inch silt lenses at 54.0 and 54.5 ft bgs, no odor (SP)	SP		-41.5 55.0					
		55.0 - 57.0 Dark brown, fine SAND, wet, no odor (SP)	SP		-43.5					
	-45	57.0 - 60.0 Dark brown, fine SAND, trace to little Silt, wet, no odor (SP-SM)	SP-SM		57.0 -46.5	8	GRAB	0.0	5.0/5.0	
60		60.0 - 64.5 Dark brown, fine SAND, wet, no odor (SP)	SP		60.0 -51.0	9	GRAB	0.0	5.0/5.0	
	-50	64.5 - 65.0 Dark brown, fine SANDY SILT, wet, no odor (ML)	ML		-51.5					
65		65.0 - 70.0 Dark brown, fine SAND, wet, no odor (SP)	SP		65.0 -56.5	10	GRAB	0.0	5.0/5.0	
	-55	70.0 - 75.0 Dark brown, fine SAND, wet, no odor (SP)	SP		70.0 -61.5	11	GRAB	0.0	5.0/5.0	
70										
	-60	Boring completed at 75.0 ft								
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-45

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/27/08
DATE COMPLETED: 5/28/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,756.0 E: 1,274,870.8
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 52 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 5/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 1.5 Brown, fine SAND, little Silt, , dry, no odor (SP)	SP		11.7 1.5					
	10	1.5 - 5.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		8.2	1	GRAB	46.1	4.5/5.0	
5		5.0 - 5.5 Gray to brown, fine to medium SAND, dry, no odor (SP)	SP		7.7					
		5.5 - 6.0 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		7.2 6.7					
	5	6.0 - 6.5 Gray and red-brown, SILTY CLAY, little fine Sand, dry, no odor (CL-ML)	CL-ML		6.5	2	GRAB	170	5.0/5.0	
		6.5 - 9.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		4.2					
10		9.0 - 9.5 Red-brown and gray, CLAY, interlayered fine Sandy Silt laminations, dry, no odor (CL-ML)	CL-ML		3.7 9.5					
		9.5 - 11.5 Light gray and brown, fine SAND, some Silt, moist at 11.0 ft bgs, no odor (SM)	SM		1.7 11.5	3	GRAB	133	4.0/4.0	▼
	0	11.5 - 12.5 Light gray, SILTY CLAY and fine SAND, wet at 11.5 ft bgs, no odor (CL-ML)	CL-ML		0.7 12.5					
		12.5 - 14.0 Light gray to brown, SILTY fine SAND, wet, no odor (SM)	SM		-0.8 14.0					
15		14.0 - 19.0 LITTLE RECOVERY; dark gray to black, fine to medium Sand, wet, no odor (SP)	SP		-5.8	4	GRAB	51.8	1.0/5.0	
	-5	19.0 - 23.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		19.0 -9.8	5	GRAB	144	1.0/5.0	
20		23.0 - 26.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		23.0 -12.8					
	-10	26.0 - 29.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		26.0 -15.8	6	GRAB	273	1.0/5.0	
25		29.0 - 32.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		29.0 -18.8	7	GRAB	1198	3.0/3.0	
	-15	32.0 - 33.5 Dark gray to black, fine to medium SAND, wet, 1/4-inch gray fine sandy clay at 33.5 ft bgs, no odor (SP)	SP		32.0 -20.3	8	GRAB	1769	3.0/3.0	
30		33.5 - 35.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		33.5 -21.8					
	-20	35.0 - 40.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		35.0 -26.8	9	GRAB	12.6	5.0/5.0	
35										
	-25									
40		Log continued on next page								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-45

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 65.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/27/08
DATE COMPLETED: 5/28/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,756.0 E: 1,274,870.8
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 52 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 5/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
40		40.0 - 41.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		40.0 -27.8					
		41.0 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		41.0 -31.8	10	GRAB	14.8	5.0/5.0	
45	-30	45.0 - 47.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		45.0 -33.8					
		47.0 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		47.0 -36.8	11	GRAB	11.6	5.0/5.0	
50	-35	50.0 - 55.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		50.0 -41.8	12	GRAB	15.1	5.0/5.0	
55	-40	55.0 - 58.5 Dark brown, poorly graded, fine SAND, wet, 1-inch of organic silt and small wood fragments at 55.25 ft bgs, no odor (SP)	SP		55.0 -45.3	13	GRAB	19.4	5.0/5.0	
	-45	58.5 - 59.5 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		58.5 -46.3					
60		59.5 - 60.0 Dark gray to black, rhythmicly laminated fine SAND and SILT, wet, no odor (ML)	ML		-46.8					
		60.0 - 62.0 Dark gray to black, fine SAND, little Silt, wet, no odor (SP-SM)	SP-SM		60.0 -48.8					
		62.0 - 63.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		62.0 -49.8	14	GRAB	12.0	5.0/5.0	
	-50	63.0 - 63.8 Dark gray, CLAY, some fine Sand, wet, low plasticity, no odor (CL)	CL		-50.6					
		63.8 - 65.0 Dark gray to black, fine SAND, some clayey sand lenses, wet, no odor (SC)	SC		63.8 -51.8					
65		Boring completed at 65.0 ft								
	-55									
70										
	-60									
75										
	-65									
80										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-46

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/9/08
DATE COMPLETED: 6/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,331.3 E: 1,275,185.0
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.3 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 6/9/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5			12.7					
		CONCRETE			0.5					
		0.5 - 5.0 Brown, fine SAND, little to some Silt in lenses, dry, no odor (SM)	SM		8.2	1	GRAB	0.0	4.5/5.0	
5	10	5.0 - 8.5 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 4.7	2	GRAB	0.0	5.0/5.0	
	5	8.5 - 9.0 Brown and gray, fine SANDY SILT, dry, no odor (ML)	ML		4.2					
10		9.0 - 10.0 Dark gray to black, CLAY, moist, low plasticity, no odor (CL)	CL		9.0 3.2					
		10.0 - 11.5 Gray, fine to medium SAND, moist, no odor (SP)	SP		10.0 1.7					
		11.5 - 11.8 Gray to brown, CLAY, moist, low plasticity, no odor (CL)	CL CL		0.7	3	GRAB	0.0	4.0/4.0	▼
	0	11.8 - 12.5 Gray, CLAY, wet, low plasticity, no odor (CL)	SM		12.5 -0.8					
15		12.5 - 14.0 Gray, fine SAND, some Silt, wet, no odor (SM)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-47

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/25/08
DATE COMPLETED: 6/25/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,401.2 E: 1,275,701.0
GS ELEVATION: 13.1 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 11.0 ft
ELEVATION W.L.: 2.1 ft
DATE W.L.: 6/25/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 1.0 CONCRETE			12.1					
		1.0 - 1.5 SUB-BASE; Gray, SILTY fine to medium SAND, with fine to coarse Gravel, dry, no odor			11.6 1.5	1	GRAB	0.0	4.0/5.0	
		1.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.1					
5	5	5.0 - 6.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.6	2	GRAB	0.0	5.0/5.0	
		6.5 - 8.0 Dark gray to black, SILT, little to some fine Sand, dry, some wood fragments, no odor (ML)	ML		6.5 5.1					
		8.0 - 9.0 Dark gray to black, CLAY, moist, low plasticity, no odor (CL)	CL		8.0 4.1					
		9.0 - 9.8 Dark brown, SILT, trace fine Sand, moist, no odor (ML)	ML		3.4					
10	0	9.8 - 14.0 Dark gray to black, fine SAND, wet at 11.5 ft bgs, no odor (SP)	SP		9.8 -0.9	3	GRAB	0.0	4.0/4.0	▼
		Boring completed at 14.0 ft								
15	-5									
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-48

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/1/08
DATE COMPLETED: 7/1/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,118.1 E: 1,274,971.2
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 7/1/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 4.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
	10				9.3					
		4.0 - 5.0 Brown, SILTY fine SAND, dry, no odor (SM)	SM		4.0 8.3					
5		5.0 - 8.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0	2	GRAB	0.0	5.0/5.0	
	5				4.8					
		8.5 - 8.8 Brown to dark gray, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL ML CL		3.8 3.3					
10		8.8 - 9.5 Dark gray, fine SANDY SILT, moist, no odor (ML)	CL		10.0	3	GRAB	0.0	4.0/4.0	▼
		9.5 - 10.0 Dark gray to black, CLAY, wet, low plasticity, no odor (CL)			1.5					
		10.0 - 11.8 Light gray, CLAY, wet, low plasticity, no odor (CL)	SC		0.8					
	0	11.8 - 12.5 Gray, CLAYEY fine SAND, wet, no odor (SC)	SP		12.5 -0.7					
		12.5 - 14.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)								
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-49

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/27/08
DATE COMPLETED: 6/27/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,102.5 E: 1,275,739.1
GS ELEVATION: 13.8 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 13.2 ft
ELEVATION W.L.: 0.6 ft
DATE W.L.: 6/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE	SP		13.3 12.8					
		0.5 - 1.0 Brown, fine SAND, some fine to medium Gravel, dry, no odor (SP)			1.0					
		1.0 - 5.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
	10				8.8					
5		5.0 - 7.5 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0					
					6.3	2	GRAB	0.0	5.0/5.0	
		7.5 - 7.8 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM							
			CL		8.0					
	5	7.8 - 8.0 Dark gray, CLAY, dry, low plasticity, no odor (CL)	SC		4.3					
10		8.0 - 9.5 Dark gray, CLAYEY fine SAND, dry, no odor (SC)	SP		3.8					
		9.5 - 10.0 Dark gray, poorly graded, fine SAND, wet at 10.0 ft bgs, no odor (SP)	SP-SM		10.0 1.8	3	GRAB	0.0	4.0/4.0	▼
		10.0 - 12.0 Gray, fine SAND, some Silt lenses, wet, no odor (SP-SM)	SP		12.0					
	0	12.0 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)			-0.2					
		Boring completed at 14.0 ft								
15										
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-50

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/18/08
DATE COMPLETED: 6/18/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,031.7 E: 1,275,688.8
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 13.7 ft
ELEVATION W.L.: -0.1 ft
DATE W.L.: 6/18/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.1 12.6					
		0.5 - 1.0 Red-brown, fine SAND, trace fine Gravel, dry, no odor (SP)	SP		1.0					
		1.0 - 5.0 NO RECOVERY				1	GRAB	0.0	0.5 / 5.0	
	10				8.6					
5		5.0 - 8.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.6	2	GRAB	0.0	5.0 / 5.0	
	5	8.0 - 9.0 Dark gray to black, CLAY, some fine SAND, dry, low plasticity, no odor (CL)	CL SM		8.0 4.6 4.1					
10		9.0 - 9.5 Dark gray to black, SILTY fine SAND, dry, no odor (SM)	CL		3.6					
		9.5 - 10.0 Light gray, CLAY, some fine SAND, wet, low plasticity, no odor (CL)	CL		10.0					
		10.0 - 13.0 Light gray, CLAY, wet, low plasticity, no odor (CL)			0.6	3	GRAB	0.0	4.0 / 4.0	
	0	13.0 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		13.0 -0.4					▼
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-51

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/3/08
DATE COMPLETED: 6/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,877.9 E: 1,275,108.5
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.3 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 6/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 3.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.3	1	GRAB	56.7	4.5/5.0	
		3.0 - 5.0 Red-brown, CLAYEY fine SAND and SILT, dry, no odor (SC-SM)	SC-SM		3.0 8.3					
5	5	5.0 - 6.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.8					
		6.5 - 6.7 Light brown, CLAYEY fine SAND, dry, no odor (SC)	SC		6.7	2	GRAB	140	5.0/5.0	
		6.7 - 7.9 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.4					
		7.9 - 8.0 Light brown, CLAYEY fine SAND, dry, no odor (SC)	SC		8.0					
10	0	8.0 - 10.0 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.3 10.0					
		10.0 - 11.0 Dark brown, poorly graded, fine SAND, moist at 11.0 ft bgs, no odor (SP)	CL		2.3 1.8	3	GRAB	385	4.0/4.0	▼
		11.0 - 11.5 Gray, fine SANDY CLAY, wet at 11.5 ft bgs, low plasticity, no odor (CL)	SP		11.5					
15	-5	11.5 - 14.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-0.7					
		Boring completed at 14.0 ft								
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-52

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/2/08
DATE COMPLETED: 7/2/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,864.0 E: 1,275,153.5
GS ELEVATION: 13.1 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.7 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 7/2/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.6 0.5					
		0.5 - 2.5 Red-brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.6	1	GRAB	0.0	4.5/5.0	
	10	2.5 - 4.5 Brown, fine to medium SAND, dry, no odor (SP)	SP		2.5 8.6					
5		4.5 - 5.0 Light brown, interlayered, fine SANDY CLAY and fine SAND, dry, low plasticity, no odor (CL)	CL		8.1 5.0					
		5.0 - 7.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		6.1					
		7.0 - 7.5 Dark gray and brown, interlayered, fine SANDY SILT and CLAY, dry, low plasticity, no odor (CL-ML)	CL-ML CL		5.6 5.1	2	GRAB	0.0	5.0/5.0	
	5	7.5 - 8.0 Dark gray to black, CLAY, dry, low plasticity, no odor (CL)	SM		8.0 3.3					
10		8.0 - 9.8 Dark gray to black, interlayered, SILT and fine SAND, dry, no odor (SM)	CL SP		10.0 2.1					
		9.8 - 10.0 Dark gray to black, CLAY, trace to little fine Sand, moist, low plasticity, no odor (CL)	CL		11.0 0.6	3	GRAB	0.0	4.0/4.0	▼
	0	10.0 - 11.0 Brown, poorly graded, fine SAND, moist, no odor (SP)	SP		12.5 -0.9					
		11.0 - 12.5 Light gray, CLAY, wet at 12.0 ft bgs, low plasticity, no odor (CL)								
15		12.5 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-53

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/9/08
DATE COMPLETED: 6/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,112.1 E: 1,275,145.2
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/9/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 1.5 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		11.8 1.5					
		1.5 - 3.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.3	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 3.3 Brown, CLAYEY fine SAND, dry, no odor (SC)	SC		3.3					
		3.3 - 4.8 Dark gray to black, CLAY, dry, low plasticity, no odor (CL)	CL		8.6					
5		4.8 - 5.0 Gray, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0					
		5.0 - 7.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.8	2	GRAB	0.0	5.0/5.0	
		7.5 - 8.0 Dark brown, to black, CLAY, dry, low plasticity, no odor (CL)	CL		5.3					
	5	8.0 - 8.8 Light brown, SILTY fine SAND, dry, no odor (SM)	SM		4.6 8.8					
10		8.8 - 10.0 Light gray, poorly graded, fine SAND, dry, no odor (SP)	SP		3.3					
		10.0 - 11.5 Brown and gray, poorly graded, fine SAND, moist at 11.5 ft bgs, no odor (SP)	SP		10.0 1.8					
		11.5 - 13.0 Dark gray to black, CLAY, wet at 12.5 ft bgs, low plasticity, no odor (CL)	CL		11.5 0.3	3	GRAB	0.0	4.0/4.0	▼
	0	13.0 - 14.0 Light gray, poorly graded, fine SAND, wet, no odor (SP)	SP		13.0 -0.7					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-54

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/6/08
DATE COMPLETED: 6/6/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,015.5 E: 1,275,137.0
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 62 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8					
		0.5 - 1.5 Light brown, poorly graded, fine SAND, dry, cobble at 1.0 ft bgs, no odor (SP)	SP		0.5 11.8					
		1.5 - 2.0 Light brown, SILTY fine SAND, dry, no odor (SM)	SM		11.3					
		2.0 - 2.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.8	1	GRAB	0.0	4.5/5.0	
10		2.5 - 4.0 Dark brown, SILTY fine SAND, dry, no odor (SM)	SM		2.5 9.3					
		4.0 - 5.0 Gray and brown, CLAY, some fine Sand, dry, low plasticity, no odor (CL)	CL		4.0 8.3					
5		5.0 - 5.3 Gray and brown, CLAY, some fine SAND, dry, low plasticity, no odor (CL)	CL		5.3					
		5.3 - 6.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		6.8 6.1					
		6.5 - 7.3 Dark gray, CLAY, dry, low plasticity, no odor (CL)	CL		7.3 4.3	2	GRAB	0.0	5.0/5.0	
10		7.3 - 9.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		9.0 3.3					
		9.0 - 10.0 Dark gray, fine SANDY CLAY, moist at 9.5 ft bgs, low plasticity, no odor (CL)	CL		10.3 1.3					
		10.0 - 10.3 Dark gray, CLAY, moist, low plasticity, no odor (CL)	CL		12.0 -0.2	3	GRAB	0.0	5.0/4.0	▼
0		10.3 - 12.0 Dark brown, poorly graded, fine SAND, moist, no odor (SP)	SP		-0.7					
15		12.0 - 13.5 Dark gray to light brown, CLAY, wet at 12.5 ft, low plasticity, no odor (CL)								
		13.5 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-55

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 16.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/7/08
DATE COMPLETED: 7/7/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,992.0 E: 1,275,212.3
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 7/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.1 0.5					
	10	0.5 - 4.0 Light brown, poorly graded, fine SAND, dry, trace fine gravel to 1.0 ft bgs, no odor (SP)	SP		9.6	1	GRAB	0.0	3.5/4.0	
5		4.0 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		4.0 5.6	2	GRAB	0.0	4.0/4.0	
	5	8.0 - 10.5 Brown, fine to medium SAND, dry, no odor (SP)	SP		8.0 3.1	3	GRAB	0.0	4.0/4.0	
10		10.5 - 12.0 Dark gray to light brown, CLAY, wet, low plasticity, no odor (CL)	CL		10.5 1.6					
	0	12.0 - 14.0 Brownish gray CLAY, trace to little fine Sand, wet, low plasticity, no odor (CL)	CL		12.0 -0.4	4		0.0	4.0/4.0	▼
15		14.0 - 16.0 LITTLE RECOVERY; brown, fine Sand, wet (SP)	SP		14.0 -2.4					
		Boring completed at 16.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-56

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/4/08
DATE COMPLETED: 6/4/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,949.8 E: 1,274,950.1
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 64 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 6/4/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 1.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		11.8 1.5					
		1.5 - 3.0 VOID			10.3	1	GRAB	0.0	3.0/5.0	
	10	3.0 - 5.0 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.0 8.3					
5		5.0 - 9.5 Brown, poorly graded, fine SAND, moist at 9.5 ft bgs, no odor (SP)	SP		5.0 3.8	2	GRAB	0.0	5.0/5.0	
	5	9.5 - 10.0 Brown, fine to medium SAND, moist, 1/4-inch silt lens at 9.75 ft, no odor (SP)	SP SP SP-SM		3.3 2.8 2.3					
10		10.0 - 10.5 Brown, poorly graded, fine SAND, moist, no odor (SP)	SP		11.0 0.8	3	GRAB	0.0	4.0/4.0	▼
	0	10.5 - 11.0 Dark brown to black, poorly graded, medium SAND, wet, no odor (SP-SM)	SP		12.5 -0.7					
15		11.0 - 12.5 Brown, fine SAND, trace to little Silt, wet, no odor (SP)								
		12.5 - 14.0 Dark brown to black, poorly graded, medium SAND, wet, no odor (SP)								
	-5	Boring completed at 14.0 ft								
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-57

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/5/08
DATE COMPLETED: 6/5/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,058.0 E: 1,274,910.0
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.3 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 6/5/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 3.0 Gray, SILTY fine SAND, little fine Gravel, dry, no odor (FILL)	GP		10.3	1	GRAB	62.5	4.5/5.0	
	10	3.0 - 4.0 Dark brown, poorly graded, fine SAND, dry, trace fine gravel, no odor (SP)	SP		3.0 9.3					
5		4.0 - 5.5 Brown, poorly graded, fine SAND, trace fine Gravel, dry, no odor (SP)	SP		4.0 7.8					
		5.5 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.5 5.3	2	GRAB	27.1	5.0/5.0	
	5	8.0 - 10.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		8.0 3.3					
10		10.0 - 10.5 Brown and gray, interlayered, SILT and fine SAND, moist, no odor (SM)	SM CL		2.8 10.5					
		10.5 - 12.0 Dark brown and gray, CLAY, some fine SAND, moist, low plasticity, no odor (CL)	CL		1.3 12.0	3	GRAB	19.2	4.0/4.0	▼
	0	12.0 - 13.5 Dark brown and gray, CLAY, little to some fine Sand, wet at 12.5 ft bgs, no odor (CL)	SM		-0.2 -0.7					
15		13.5 - 14.0 Dark brown to black, SILTY fine SAND, wet, no odor (SM) Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-58

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/10/08
DATE COMPLETED: 6/10/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,964.9 E: 1,275,475.7
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 64 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 6/10/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
	10	0.5 - 5.0 Light brown to light gray, poorly graded, fine SAND, dry, no odor (SP)	SP		8.3	1	GRAB	0.0	4.5/5.0	
5		5.0 - 8.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.3	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 9.0 Mottled brown and light gray, CLAY, moist at 9.0 ft bgs, low plasticity, no odor (CL)	CL SP		8.0 4.3 3.8					
10		9.0 - 9.5 Orange-brown, poorly graded, fine SAND, moist, no odor (SP)	CL		3.3					
		9.5 - 10.0 Dark to light gray, CLAY, moist, low plasticity, no odor (CL)	SP		10.0					
		10.0 - 12.0 Light brown, poorly graded, fine SAND, moist, no odor (SP)	CL		1.3 0.8	3	GRAB	0.0	4.0/4.0	▼
	0	12.0 - 12.5 Light gray, CLAY, some fine Sand, wet at 12.5 ft bgs, no odor (CL)	SP		12.5					
		12.5 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)			-0.7					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-59

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/18/08
DATE COMPLETED: 6/18/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,006.4 E: 1,275,620.3
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.6 ft
DATE W.L.: 6/18/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 1.5 Brown, SILTY fine SAND, little fine Gravel, dry, no odor (FILL)	GP		11.9 1.5					
		1.5 - 5.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.4	1	GRAB	0.0	4.5/5.0	
5		5.0 - 8.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.4	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 9.0 Dark gray to black, CLAY, most, low plasticity, no odor (CL)	CL		8.0 4.4					
		9.0 - 9.5 Light gray, fine SAND, trace to little Silt, moist, no odor (SP)	SP		3.9					
10		9.5 - 10.0 Dark gray to black, CLAY and fine SANDY SILT, moist, low plasticity, no odor (CL-ML)	CL-ML		3.4 10.0					
		10.0 - 12.0 NO RECOVERY			1.4 12.0	3	GRAB	0.0	4.0/4.0	▼
	0	12.0 - 13.5 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL		-0.1					
		13.5 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-0.6					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-60

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/17/08
DATE COMPLETED: 6/17/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,102.8 E: 1,275,534.7
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 13.5 ft
ELEVATION W.L.: -0.1 ft
DATE W.L.: 6/17/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
	10	0.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.4	1	GRAB	0.0	4.5/5.0	
5		5.0 - 8.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0	2	GRAB	0.0	5.0/5.0	
	5	8.5 - 8.8 Dark brown, SILTY fine SAND, dry, no odor (SM)	SM		4.9					
			CL		4.2					
10		8.8 - 9.3 Dark gray to black, CLAY, dry, low plasticity, no odor (CL)	SM		3.4					
		9.3 - 10.0 Dark gray to black, SILTY fine SAND, dry, no odor (SM)	SP		10.0					
		10.0 - 13.0 Brown, poorly graded, fine SAND, wet at 12.5 ft bgs, no odor (SP)			0.4	3	GRAB	0.0	5.0/4.0	
	0	13.0 - 13.5 Dark gray to black, CLAYEY fine SAND, wet, no odor (SC)	SC		-0.1					▼
			CL		-0.6					
15		13.5 - 14.0 Light gray, CLAY, wet, low plasticity, no odor (CL)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-61

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/11/08
DATE COMPLETED: 6/11/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,058.7 E: 1,275,440.8
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
	10	0.5 - 4.8 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.5	1	GRAB	0.0	4.5/5.0	
5		4.8 - 5.0 Light brown and gray, SILTY fine SAND, dry, no odor (SM)	SM		5.0					
		5.0 - 8.0 Brown, poorly graded, fine SAND, dry, 1/4-inch silt with wood fragments at 6.0 ft bgs, no odor (SP)	SP		5.3	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 8.3 Brown, SILTY fine SAND, dry, no odor (SM)	SM		4.5					
		8.3 - 8.8 Gray, CLAY, dry, low plasticity, no odor (CL)	CL		4.0 3.3					
10		8.8 - 9.3 Light gray, poorly graded, fine SAND, dry, no odor (SP)	SP		10.0					
		9.3 - 10.0 Dark gray, CLAY, dry, low plasticity, no odor (CL)			1.8					
	0	10.0 - 11.5 Light brown, poorly graded, fine SAND, moist at 10.5 ft bgs, no odor (SP)	CL		11.5 -0.2	3	GRAB	0.0	5.0/4.0	▼
		11.5 - 13.5 Light gray, CLAY, trace to little fine Sand, wet at 12.0 ft bgs, low plasticity, no odor (CL)	SC		-0.7					
15		13.5 - 14.0 Gray, CLAYEY fine SAND, wet, no odor (SC)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-62

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 16.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/17/08
DATE COMPLETED: 6/17/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,175.0 E: 1,275,570.6
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 6/17/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCR ETE			13.1 0.5					
		0.5 - 5.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.6	1	GRAB	0.0	4.5/5.0	
5	10	5.0 - 7.8 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.8	2	GRAB	0.0	5.0/5.0	
		7.8 - 8.3 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		5.3					
	5	8.3 - 9.5 Dark gray to black, fine SANDY SILT and CLAY, dry, no odor (CL-ML)	CL-ML		8.3 4.1					
10		9.5 - 10.0 Dark gray to black, CLAY, moist, low plasticity, no odor (CL)	CL		3.6 10.0					
		10.0 - 12.0 NO RECOVERY			1.6	3	GRAB	0.0	2.0/4.0	▼
	0	12.0 - 14.0 Light gray, CLAY, some fine SAND, wet, low plasticity, no odor (CL)	CL		12.0 -0.4					
15		14.0 - 16.0 NO RECOVERY			14.0 -2.4	4	GRAB	0.0	0.0/2.0	
		Boring completed at 16.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-63

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 15.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/17/08
DATE COMPLETED: 6/17/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,139.6 E: 1,275,566.6
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 13.5 ft
ELEVATION W.L.: -0.1 ft
DATE W.L.: 6/17/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0 0.5					
		0.5 - 5.0 Light brown, well sroted, fine SAND, dry, no odor (SP)	SP			1	GRAB	0.0	4.5/5.0	
	10				8.5					
5		5.0 - 7.5 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.0	2	GRAB	0.0	5.0/5.0	
		7.5 - 8.0 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		5.5					
	5	8.0 - 9.5 Dark gray, CLAY, dry, low plasticity, no odor (CL)	CL		8.0 4.0					
10		9.5 - 9.8 Dark gray, SILTY fine SAND, dry, no odor (SM)	SM CL		10.0					
		9.8 - 10.0 Dark gray, CLAY, moist at 10.0 ft bgs, low plasticity, no odor (CL)	SP							
		10.0 - 12.0 Dark brown, poorly graded, fine SAND, moist, no odor (SP)			1.5 12.0	3	GRAB	0.0	5.0/5.0	▼
	0	12.0 - 14.3 Light gray, CLAY, wet at 13.0 ft bgs, low plasticity, no odor (CL)	CL		-0.8					
15		14.3 - 15.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-1.6					
		Boring completed at 15.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-64

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/5/08
DATE COMPLETED: 6/5/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,053.6 E: 1,275,057.6
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 60 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 6/5/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 1.5 Brown, fine SAND, some Silt, dry, no odor (SP-SM)	SP-SM		11.8 1.5					
		1.5 - 3.0 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.3	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 4.8 Brown and gray mottled, CLAY, little fine Sand, dry, low plasticity, no odor (CL)	CL		3.0 8.5					
5		4.8 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP							
		5.0 - 5.3 Brown and gray mottled, CLAY, dry, low plasticity, no odor (CL)	CL		5.3					
		5.3 - 9.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.8	2	GRAB	0.0	5.0/5.0	
10		9.5 - 10.0 Dark brown to gray, CLAY, moist, low plasticity, no odor (CL)	CL		3.3 10.0					
		10.0 - 11.0 Light brown, poorly graded, fine SAND, moist, no odor (SP)	SP		2.3					
		11.0 - 11.3 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		11.3	3	GRAB	0.0	4.0/4.0	▼
	0	11.3 - 14.0 Gray, fine SAND, little to some Silt, wet, no odor (SP-SM)	SP-SM		-0.8					
		Boring completed at 14.0 ft								

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-65

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/9/08
DATE COMPLETED: 6/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,187.8 E: 1,275,036.0
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 64 F

INCLINATION: -90
DEPTH W.L.: 13.6 ft
ELEVATION W.L.: -0.3 ft
DATE W.L.: 6/9/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE; thin layer of green microcrystalline substance observed at base of concrete/top of soil boundary			12.9 0.5					
		0.5 - 2.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		11.4					
		2.0 - 2.5 Light brown, SILT, some fine Sand, dry, no odor (ML)	ML		10.9	1	GRAB	0.0	4.5/5.0	
10		2.5 - 4.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		2.5 8.9					
		4.5 - 5.0 Light brown and gray, laminated, fine SAND and SILT, dry, no odor (SM)	SM		8.4					
5		5.0 - 8.5 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 4.9	2	GRAB	0.0	5.0/5.0	
	5	8.5 - 9.0 Brown and light gray, fine SANDY SILT, moist at 9.0 ft bgs, no odor (ML)	ML CL SC		4.4 3.4					
10		9.0 - 9.3 Dark gray to black, CLAY, trace fine Sand, moist, low plasticity, no odor (CL)	SP		10.0 2.4					
		9.3 - 10.0 Light gray, CLAYEY fine SAND, moist, no odor (SC)	CL		11.0	3	GRAB	0.0	4.0/4.0	
		10.0 - 11.0 Light brown, poorly graded, fine SAND, no odor (SP)			0.4					
	0	11.0 - 13.0 Light gray, fine SANDY CLAY, wet at 12.0 ft bgs, low plasticity, no odor (CL)	ML		13.0 -0.7					▼
15		13.0 - 14.0 Light gray, SILT, some fine Sand, wet, no odor (ML)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-66

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/13/08
DATE COMPLETED: 6/13/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,799.2 E: 1,275,957.2
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 60 F

INCLINATION: -90
DEPTH W.L.: 13.7 ft
ELEVATION W.L.: -0.5 ft
DATE W.L.: 6/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES PID (ppm)	SAMPLES REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 2.0 Red-brown and gray, SILTY fine SAND, dry, no odor (SM)	SM		11.2					
		2.0 - 3.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		2.0 10.2	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 3.3 Brown, CLAYEY fine SAND, dry, no odor (SC)	SC		3.3					
		3.3 - 5.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		8.2					
5		5.0 - 6.5 Brown, fine to medium SAND, dry, no odor (SP)	SP		5.0 6.7					
		6.5 - 7.3 Red-brown, fine SAND, dry, no odor (SP)	SP		6.0					
		7.3 - 7.5 Red-brown, interlayered, fine SAND and SILT, dry, no odor (SM)	SM SP		7.5 4.7	2	GRAB	0.0	5.0/5.0	
	5	7.5 - 8.5 Dark gray, poorly graded, fine SAND, wet at 8.0 ft bgs, no odor (SP)	CL		8.5					
10		8.5 - 10.0 Dark to light gray, CLAY, wet, low plasticity, no odor (CL)			3.2					
		10.0 - 11.5 Gray, fine SANDY SILT, wet, no odor (ML)	ML		10.0 1.7					
		11.5 - 12.5 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL		11.5 0.7	3	GRAB	0.0	4.0/4.0	
	0	12.5 - 13.8 Brown, CLAY, wet, low plasticity, 1.5-inch wood fragment at 12.5 ft bgs, no odor (CL)	CL		12.5 -0.5					▼
15		13.8 - 14.0 Brown and gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL							
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-67

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/19/08
DATE COMPLETED: 6/19/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,360.7 E: 1,275,435.7
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 13.6 ft
ELEVATION W.L.: 0.0 ft
DATE W.L.: 6/19/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 0.5 CONCRETE			13.1 0.5					
		0.5 - 1.5 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		12.1 1.5					
5		1.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.6	1	GRAB	0.0	4.5/5.0	
		5.0 - 6.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 7.1					
		6.5 - 8.0 Dark gray to black, fine SANDY SILT, dry, no odor (ML)	ML		6.5 5.6	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 10.0 Dark gray to black, CLAY, moist at 10.0 ft bgs, low plasticity, no odor (CL)	CL		8.0 3.6					
10		10.0 - 14.0 Light gray, fine SANDY SILT, wet at 12.0 ft bgs, no odor (ML)	ML		10.0 -0.4	3	GRAB	0.0	4.0/4.0	▼
	0	Boring completed at 14.0 ft								
15										
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-68

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/19/08
DATE COMPLETED: 6/19/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,968.6 E: 1,275,690.8
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 6/19/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.1 0.5					
	10	0.5 - 5.0 Light brown, poorly graded, fine SAND, trace fine Gravel, dry, no odor (SP)	SP		8.6	1	GRAB	0.0	4.5/5.0	
5		5.0 - 7.8 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.9	2	GRAB	0.0	5.0/5.0	
	5	7.8 - 8.3 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		5.4					
			CL		4.9					
		8.3 - 8.8 Red-brown to dark gray, CLAY, little fine Sand, dry, low plasticity, no odor (CL)	SP		4.1					
10			CL		3.6					
		8.8 - 9.5 Dark gray, poorly graded, fine SAND, dry, no odor (SP)	SP		10.0					
		9.5 - 10.0 Dark gray to black, CLAY, moist, low plasticity, no odor (CL)			1.6	3	GRAB	0.0	4.0/4.0	▼
		10.0 - 12.0 Brown, poorly graded, fine SAND, wet, no odor (SP)	CL		1.1 12.5					
	0	12.0 - 12.5 Light gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	SP		-0.4					
15		12.5 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP) Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-69

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/28/08
DATE COMPLETED: 5/28/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,830.1 E: 1,274,794.1
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 52 F

INCLINATION: -90
DEPTH W.L.: 12.0 ft
ELEVATION W.L.: 1.3 ft
DATE W.L.: 5/28/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5			12.8					
		CONCRETE			0.5					
		0.5 - 5.0 Red-brown, fine SAND, little to some Silt, dry, rare interlayered thin Silty fine Sand layers, no odor (SM)	SM		8.3	1	GRAB	8.4	4.5 / 5.0	
5		5.0 - 6.0 Red-brown, fine SAND, little to some Silt, dry, no odor (SM)	SM		5.0 7.3	2	GRAB	14.5	5.0 / 5.0	
		6.0 - 9.5 Dark brown to black, fine to medium SAND, moist at 9.0 ft bgs, 1/4-inch light brown Silt lens at 8.75 ft bgs and 1/2-inch light brown soft low plasticity Clay at 9.25 ft bgs, no odor (SP)	SP		6.0 3.8					
10		9.5 - 10.0 Light gray-brown, SILTY CLAY, wet, low plasticity, no odor (CL)	CL		3.3					
		10.0 - 11.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		10.0 2.3	3	GRAB	16.5	4.0 / 4.0	▼
		11.0 - 13.0 Gray-brown, CLAYEY fine SAND, wet, no odor (SC)	SC		11.0 0.3					
	0	13.0 - 14.0 Light gray, fine SAND, some Silt, wet, no odor (SM)	SM		13.0 -0.7					
		Boring completed at 14.0 ft								
15	-5									
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-70

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/27/08
DATE COMPLETED: 5/27/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,785.5 E: 1,274,838.3
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 50 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 5/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 3.8 Light gray and red-brown, fine SAND, some Silt, dry, no odor (SM)	SM			1	GRAB	97.3	4.5/5.0	
	10				9.5					
		3.8 - 4.0 Light gray, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL SP		4.0 8.3					
5		4.0 - 5.0 Light gray-brown, fine to medium SAND, dry, no odor (SP)	SP-SM		5.0					
		5.0 - 6.5 Light brown, fine to medium SAND, trace to little Silt, dry, no odor (SP-SM)	SM		6.8					
		6.5 - 6.8 Black and red-brown, fine SAND and Silt, dry, some charred wood, no odor (FILL)	SP		6.8	2	GRAB	275	5.0/5.0	
	5	6.8 - 10.0 Brown and gray, fine to medium SAND, dry, no odor (SP)			3.3					
10		10.0 - 10.5 Dark brown, fine to medium SAND, moist, no odor (SP)	SP		2.8					
		10.5 - 12.5 Light gray mottled orange-brown, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		10.5 0.8	3	GRAB	0.0	4.0/4.0	▼
		12.5 - 13.0 Gray and brown, fine SAND, trace to little Silt, wet, no odor (SP-SM)	SP-SM SM		0.3 13.0					
	0	13.0 - 14.0 Light gray, SILTY fine SAND, wet, no odor (SM)			-0.8					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-71

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/23/08
DATE COMPLETED: 6/23/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,493.1 E: 1,275,585.9
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 68 F

INCLINATION: -90
DEPTH W.L.: 10.8 ft
ELEVATION W.L.: 2.7 ft
DATE W.L.: 6/23/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 0.5 CONCRETE	SP-SM		13.0 12.5					
		0.5 - 1.0 Brown, poorly graded, fine SAND, little Silt, dry, no odor (SP-Sm)			1.0					
		1.0 - 5.0 Black, SILTY fine to medium SAND, some fine Gravel, dry, burnt organic matter and wood fragments, dry, no odor (SM)	SM		8.5	1	GRAB	0.0	4.5/5.0	
5	5	5.0 - 9.8 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 3.8	2	GRAB	0.0	5.0/5.0	
10	0	9.8 - 10.0 Dark gray CLAY, little fine SAND, wet at 9.75 ft bgs, low plasticity, no odor (CL)	CL		10.0					▼
		10.0 - 14.0 Dark gray to black, fine SAND, little to some Silt, wet, no odor (SM)	SM		-0.5	3	GRAB	0.0	4.0/4.0	
15	-5	Boring completed at 14.0 ft								
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-72

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/24/08
DATE COMPLETED: 6/24/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,428.5 E: 1,275,563.4
GS ELEVATION: 13.8 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 11.6 ft
ELEVATION W.L.: 2.2 ft
DATE W.L.: 6/24/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 1.0 CONCRETE			12.8					
		1.0 - 2.5 SUB-BASE; Gray, SILTY fine SAND, little fine Gravel, dry, no odor			1.0 11.3	1	GRAB	0.0	4.5/5.0	
	10	2.5 - 5.0 Brown, fine to medium SAND, trace fine Gravel, dry, no odor (SP)	SP		2.5 8.8					
5		5.0 - 8.0 Brown, medium SAND, trace fine Gravel, dry, 1/4-inch red Clay at 6.75 ft bgs, no odor (SP)	SP		5.0 5.8	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 8.8 Gray and red-brown, CLAY, moist, low plasticity, no odor (CL)	CL		5.0 8.8					
		8.8 - 10.0 Brown, fine SANDY SILT, moist, no odor (ML)	ML		3.8					
10		10.0 - 12.5 Brown to gray, fine SAND, wet at 11.5 ft bgs, no odor (SP)	SP		10.0 1.3	3	GRAB	0.0	4.0/4.0	▼
		12.5 - 13.5 Brown to gray, fine SAND, some Silt, wet, no odor (SM)	SM		12.5 0.3					
	0	13.5 - 14.0 Brown to gray, fine SAND, wet, no odor (SP)	SP		-0.2					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-73

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/25/08
DATE COMPLETED: 6/25/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,426.9 E: 1,275,775.4
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 10.2 ft
ELEVATION W.L.: 3.1 ft
DATE W.L.: 6/25/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 1.0 CONCRETE			12.3					
		1.0 - 3.0 Dark brown and black, SILTY fine SAND, some fine to coarse Gravel, dry, brick fragments and burned wood, no odor (FILL) (SM)	SM		1.0 10.3	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 5.0 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		3.0 8.3					
5		5.0 - 6.0 Brown, fine SAND, some Silt, dry, no odor (SM)	SM		5.0 7.3	2	GRAB	0.0	5.0/5.0	
		6.0 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		6.0 5.3					
	5	8.0 - 8.3 Gray, fine SANDY CLAY, moist, low plasticity, no odor (CL)	CL SP		8.3 4.1					
		8.3 - 9.3 Gray and brown, poorly graded, fine SAND, wet at 9.0 ft bgs, no odor (SP)	CL SP		3.6 10.0					▼
10		9.3 - 9.8 Gray, CLAY, wet, low plasticity, no odor (CL)								
		9.8 - 10.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP			3	GRAB	0.0	4.0/4.0	
	0	10.0 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)			-0.7					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-74

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/2/08
DATE COMPLETED: 7/2/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,470.1 E: 1,275,761.1
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.7 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 7/2/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.1 0.5					
		0.5 - 3.0 Gray, fine SAND, some fine Gravel, dry, no odor (FILL)	SP		10.6	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 5.0 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.0 8.6					
5		5.0 - 8.8 Brown, poorly graded, fine SAND, dry, 1/2-inch red-brown and gray fine Sandy Clay at 7.5 ft bgs, no odor (SP)	SP		5.0 4.9	2	GRAB	0.0	5.0/5.0	
	5	8.8 - 9.8 Dark brown and gray, interlayered, fine SANDY SILT and CLAY, dry, no odor (CL-ML)	CL-ML SP-SM		8.8 3.9					
10		9.8 - 10.0 Gray, fine SAND, little Silt, moist, no odor (SP-SM)	SP		10.0 2.1					
		10.0 - 11.5 Gray, fine to coarse SAND, wet, no odor (SP)	CL SM		1.1	3	GRAB	0.0	5.0/4.0	▼
		11.5 - 11.8 Light brown, CLAY, little fine Sand, wet, low plasticity, no odor (CL)	SP		12.5					
	0	11.8 - 12.5 Dark gray, SILTY fine SAND, wet, no odor (SM)			-0.4					
15		12.5 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-75

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/1/08
DATE COMPLETED: 7/1/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,049.0 E: 1,274,986.6
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 7/1/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 4.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		9.3	1	GRAB	0.0	3.5/4.0	
5	5	4.0 - 4.3 Red-brown, fine SAND, some Silt, dry, no odor (SM)	SM SP		8.3					
		4.3 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)			5.0					
		5.0 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.3	2	GRAB	45	4.0/4.0	
		8.0 - 9.8 Dark gray to black, SILT, little fine Sand, moist at 9.5 ft bgs, no odor (ML)	ML		8.0 3.5					
10	0	9.8 - 10.0 Gray, CLAY, moist, low plasticity, no odor (CL)	CL		10.0	3	GRAB	405	4.0/4.0	▼
		10.0 - 12.0 Gray, CLAY, trace fine Sand, wet at 11.5 ft bgs, low plasticity, no odor (CL)	CL		1.3					
		12.0 - 14.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		12.0 -0.7	4	GRAB	212	2.0/2.0	
15	-5	Boring completed at 14.0 ft								
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-76

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/5/08
DATE COMPLETED: 6/5/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,964.4 E: 1,274,969.8
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 62 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 6/5/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 2.0 Brown, poorly graded, fine SAND, some fine to medium Gravel, dry, no odor (SP)	SP		11.3					
		2.0 - 2.8 CONCRETE			10.5 2.8	1	GRAB	0.0	4.5/5.0	
	10	2.8 - 5.0 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.3					
5		5.0 - 7.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.3					
		7.0 - 7.3 CONCRETE			7.3	2	GRAB	28.6	5.0/5.0	
	5	7.3 - 9.0 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		4.3					
		9.0 - 9.8 Brown and gray, SILTY fine SAND, dry, no odor (SM)	SM		3.5					
10		9.8 - 10.0 Brown mottled gray, fine SANDY CLAY, moist, low plasticity, no odor (CL)	CL		10.0					
		10.0 - 13.5 Brown, poorly graded, fine SAND, dry, medium to large concrete fragments, no odor (SP)	SP			3	GRAB	25.5	4.0/4.0	▼
	0				-0.2					
		13.5 - 14.0 Dark gray, fine SAND, little Silt, moist, no odor (SP-SM)	SP-SM		-0.7					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-77

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/2/08
DATE COMPLETED: 6/2/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,879.2 E: 1,274,940.4
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 64 F

INCLINATION: -90
DEPTH W.L.: 12.1 ft
ELEVATION W.L.: 1.4 ft
DATE W.L.: 6/2/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0					
		0.5 - 1.5 Orange-brown, fine SAND, trace to little Silt, trace fine gravel, dry, no odor (SP)	SP		0.5 12.0 1.5	1	GRAB	1336	4.5/5.0	
	10	1.5 - 4.8 Light brown, fine SAND, trace Silt, dry, no odor (SP)	SP		8.8					
5		4.8 - 5.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		5.0					
		5.0 - 10.0 Brown, fine to medium SAND, dry, no odor (SP)	SP			2	GRAB	71.6	5.0/5.0	
	5				3.5					
10		10.0 - 11.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.0 2.0					
		11.5 - 12.0 Dark gray to black, fine to medium SAND, dry, no odor (SP)	SP CL		1.5	3	GRAB	92	4.0/4.0	▼
	0	12.0 - 12.2 Light brown, CLAY, dry, low plasticity, no odor (CL)	SP CL		12.8					
		12.2 - 12.5 Dark gray to black, fine to medium SAND, dry, no odor (SP)	SC		-0.5					
15		12.5 - 12.8 Light brown, CLAY, wet, low plasticity, no odor (CL)								
		12.8 - 14.0 Dark gray to black, CLAYEY fine SAND, wet, no odor (SC)								
	-5	Boring completed at 14.0 ft								
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-78

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/28/08
DATE COMPLETED: 5/28/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,900.0 E: 1,274,825.9
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.0 ft
ELEVATION W.L.: 1.3 ft
DATE W.L.: 5/28/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE			12.8 0.5					
	10	0.5 - 5.0 Orange-brown, fine SAND, trace Silt, dry, no odor (SP)	SP		8.3	1	GRAB	556	4.5 / 5.0	
5		5.0 - 6.0 Orange-brown, fine SAND, little Silt, dry, no odor (SP-SM)	SP-SM		5.0 7.3					
	5	6.0 - 9.8 Dark brown to black, poorly graded, medium SAND, dry, no odor (SP)	SP		6.0 3.6	2	GRAB	339	5.0 / 5.0	
10		9.8 - 10.0 Gray and brown, SILTY fine SAND, moist at 10.0 ft bgs, no odor (SM)	SM SP		10.0 1.8					
	0	10.0 - 11.5 Gray-brown, fine to medium SAND, wet at 11.5 ft bgs, no odor (SP)	CL		11.5 0.8	3	GRAB	319	4.0 / 4.0	▼
		11.5 - 12.5 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	SM		12.5 -0.7					
		12.5 - 14.0 Gray, fine SAND and SILT, wet, no odor (SM)								
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-79

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/24/08
DATE COMPLETED: 6/24/08
WEATHER: Partly Cloudy

DATUM: Geodetic
COORDS: N: 197,520.4 E: 1,275,629.9
GS ELEVATION: 12.8 ft
TOC ELEVATION:
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 9.5 ft
ELEVATION W.L.: 3.3 ft
DATE W.L.: 6/24/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 1.0 CONCRETE			11.8					
		1.0 - 5.0 Brown, poorly graded, medium SAND, dry, 2-inches fine gravel at 1.0 ft bgs, no odor (SP)	SP		1.0 7.8	1	GRAB	0.0	4.5/5.0	
5	10	5.0 - 6.5 Brown, poorly graded, fine SAND, dry, 1-inch gravel at 5.5 ft bgs, no odor (SP)	SP		5.0 6.3					
		6.5 - 8.0 Red-brown to gray, CLAY, wet, low plasticity, no odor (CL)	CL		6.5 4.8	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 9.5 Gray, CLAYEY SAND, wet, no odor (SC)	SC		8.0 3.3					▼
10		9.5 - 10.0 Gray, CLAY, some fine Sand, wet, low plasticity, no odor (CL)	CL		2.8 10.0					
		10.0 - 11.0 Brown, poorly graded, medium SAND, wet, no odor (SP)	SP		1.8 1.3					
		11.0 - 11.5 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC		11.5	3	GRAB	0.0	4.0/4.0	
	0	11.5 - 14.0 Gray to black, poorly graded, fine SAND, wet, 3-inch wood fragment at 13.5 ft bgs, no odor (SP)	SP		-1.2					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-80

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/9/08
DATE COMPLETED: 6/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,373.0 E: 1,275,176.1
GS ELEVATION: 13.7 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 6/4/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.2 0.5					
		0.5 - 3.0 Red-brown and gray, fine SAND, some Silt, dry, trace fine gravel, no odor (SM)	SM		10.7	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.0 8.7					
5		5.0 - 9.8 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 3.9	2	GRAB	0.0	5.0/5.0	
	5	9.8 - 10.0 Light gray mottled orange-brown, CLAY, dry, low plasticity, no odor (CL)	CL		10.0					
10		10.0 - 14.0 Dark gray, poorly graded, fine SAND, wet at 12.0 ft bgs, 1/4-inch gray clay at 13.5 ft bgs, no odor (SP)	SP		-0.4	3	GRAB	0.0	4.0/4.0	▼
	0	Boring completed at 14.0 ft								
15										
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-81

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/6/08
DATE COMPLETED: 6/6/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,736.5 E: 1,275,404.2
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 6/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 2.8 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.5	1	GRAB	60.5	4.5/5.0	
	10	2.8 - 5.0 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		2.8 8.2					
5		5.0 - 8.3 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.0	2	GRAB	0.0	5.0/5.0	
	5	8.3 - 9.8 Brown and gray, SILTY fine SAND, dry, no odor (SM)	SM		8.3 3.5					
10		9.8 - 10.0 Dark gray, CLAYEY fine SAND, moist at 10.0 ft bgs, no odor (SC)	SC		10.0					
		10.0 - 11.5 Light brown, poorly graded, fine SAND, moist, no odor (SP)	SP		1.7					
		11.5 - 12.0 Dark gray, CLAY, little fine Sand, wet at 12.0 ft bgs, low plasticity, no odor (CL)	CL		1.2 12.0	3	GRAB	0.0	4.0/4.0	▼
	0	12.0 - 13.5 Gray, fine SAND, little to some Silt, wet, no odor (SM)	SM		-0.3					
15		13.5 - 13.8 Light gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL							
		13.8 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP							
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-82

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/13/08
DATE COMPLETED: 6/13/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,675.6 E: 1,275,732.1
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 13.1 ft
ELEVATION W.L.: 0.3 ft
DATE W.L.: 6/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 3.0 Red-brown, fine SAND, some Silt, dry, no odor (SM)	SM		10.4	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 5.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		3.0 8.4					
5		5.0 - 8.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 4.9	2	GRAB	0.0	5.0/5.0	
	5	8.5 - 9.5 Brown to light gray, SILT and fine SAND, dry, no odor (SM)	SM		8.5 3.9					
10		9.5 - 10.0 Dark gray, CLAY, moist at 10.0 ft bgs, low plasticity, no odor (CL)	CL		3.4 10.0					
		10.0 - 13.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		-0.1	3	GRAB	0.0	4.0/4.0	▼
	0	13.5 - 13.8 Light gray, fine SANDY SILT, wet, no odor (ML)	ML							
15		13.8 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP							
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-83

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/3/08
DATE COMPLETED: 6/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,899.8 E: 1,275,202.7
GS ELEVATION: 13.1 ft
TOC ELEVATION:
TEMPERATURE: 62 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.3 ft
DATE W.L.: 6/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.6 0.5					
		0.5 - 1.5 Dark brown, fine SAND, trace fine Gravel, dry, no odor (SP)	SP		11.6 1.5					
	10	1.5 - 5.0 Dark brown, fine SAND, dry, no odor (SP)	SP		8.1	1	GRAB	200	4.5 / 5.0	
5		5.0 - 7.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.1					
		7.0 - 7.5 Dark gray to black, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL		5.6	2	GRAB	176	5.0 / 5.0	
	5	7.5 - 9.0 Dark brown to black, SILTY fine SAND, trace thin fine Sandy Clay lenses, dry, no odor (SM)	SM CL		7.5 4.1 9.0 3.1					
10		9.0 - 10.0 Dark brown to black, fine SANDY CLAY, wet at 9.5 ft bgs, low plasticity, no odor (CL)	SP		10.0					
		10.0 - 12.5 Brown, poorly graded, fine SAND, wet, no odor (SP)			0.6	3	GRAB	236	4.0 / 4.0	▼
	0	12.5 - 13.5 Dark gray to black, CLAY, some fine Sand, wet, low plasticity, no odor (CL)	CL SP		12.5 -0.4 -0.9					
15		13.5 - 14.0 Dark brown, poorly graded, fine SAND, wet, no odor (SP) Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-84

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/30/08
DATE COMPLETED: 5/30/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,767.1 E: 1,274,955.6
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 5/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 3.0 Red-brown, SILTY fine SAND, trace Clay, dry, no odor (SM)	SM		10.2	1	GRAB	81.5	4.5/5.0	
	10	3.0 - 5.0 Dark brown, fine to medium SAND, dry, 1/4-inch Silt lens at 4.75 ft bgs, no odor (SP)	SP		3.0 8.2					
5		5.0 - 5.3 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		5.3					
		5.3 - 6.8 Brown, fine to medium SAND, dry, no odor (SP)	SP		6.4					
		6.8 - 7.0 Red-brown, SILTY fine SAND, trace Clay, dry, no odor (SM)	SM SP		7.0 5.2	2	GRAB	0.0	5.0/5.0	
	5	7.0 - 8.0 Brown, fine to medium SAND, dry, no odor (SP)	SM		8.0					
		8.0 - 9.5 Light brown, interlayered, fine SAND and SILT, moist at 9.5 ft bgs, no odor (SM)	CL SP		3.7 3.2 2.7					
10		9.5 - 10.0 Gray and red-brown, fine SANDY CLAY, wet at 10.0 ft bgs, low plasticity, no odor (CL)	SC		2.2 11.0					
		10.0 - 10.5 Dark brown to black, fine to medium SAND, wet, no odor (SP)	SP			3	GRAB	0.0	4.0/4.0	▼
	0	10.5 - 11.0 Red-brown to dark gray, CLAYEY fine SAND, wet, no odor (SC)			-0.8					
15		11.0 - 14.0 Dark brwon to black, poorly graded, medium SAND, wet, no odor (SP)								
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-85

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/2/08
DATE COMPLETED: 7/2/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,735.9 E: 1,275,045.4
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.7 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 7/2/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 5.0 Light brown, fine SAND, little to some Silt, dry, some medium gravel at 1.5 ft bgs, no odor (SM)	SM		8.4	1	GRAB	0.0	4.5/5.0	
5	5	5.0 - 8.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.4	2	GRAB	0.0	5.0/5.0	
		8.0 - 8.5 Brown, poorly graded, fine SAND, some fine Gravel, dry, no odor (SP)	SP		4.9 8.5 3.9					
10	0	8.5 - 9.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	CL		3.4 10.0	3	GRAB	0.0	4.0/4.0	▼
		9.5 - 10.0 Brown, CLAY, moist, low plasticity, no odor (CL)	SP		2.4 11.0					
		10.0 - 11.0 Brown, poorly graded, fine SAND, moist, no odor (SP)	CL		1.4 12.0					
		11.0 - 12.0 Light brown, CLAY, moist, low plasticity, no odor (CL)	SP							
15	-5	12.0 - 14.0 Dark brown, poorly graded, medium SAND, wet, no odor (SP)			-0.6					
		Boring completed at 14.0 ft								
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-86

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/13/08
DATE COMPLETED: 6/13/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,745.3 E: 1,275,474.3
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 6/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
	10	0.5 - 5.0 Brown, poorly graded, fine SAND, trace fine Gravel, dry, no odor (SP)	SP		8.3	1	GRAB	0.0	4.5/5.0	
5		5.0 - 10.0 Brown, poorly graded, fine SAND, dry, 1-inch stiff gray low plasticity Clay at 7.5 ft bgs, no odor (SP)	SP		5.0 3.3	2	GRAB	0.0	5.0/5.0	
10		10.0 - 11.5 Brown, poorly graded, fine SAND, wet at 11.0 ft bgs, no odor (SP)	SP		10.0 1.8					
	0	11.5 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		11.5 -0.7	3	GRAB	0.0	4.0/4.0	▼
		Boring completed at 14.0 ft								
15	-5									
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-87

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/13/08
DATE COMPLETED: 6/13/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,693.4 E: 1,275,555.4
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5			12.8					
		COCNRETE	SP		0.5					
		0.5 - 1.5			11.8					
		Light brown, poorly graded, fine SAND, dry, no odor (SP)	SM		1.5					
		1.5 - 2.8			10.6	1	GRAB	0.0	4.5/5.0	
		Red-brown, SILTY fine SAND, dry, no odor (SM)	SP							
	10	2.8 - 3.0	SM		3.0					
		Gray, poorly graded, fine SAND, dry, no odor (SP)			9.1					
		3.0 - 4.3	SP		8.3					
5		Red-brown, SILTY fine SAND, dry, no odor (SM)								
		4.3 - 5.0			5.0					
		Light gray, poorly graded, fine SAND, dry, no odor (SP)								
		5.0 - 8.0	SP							
		Light gray, poorly graded, fine SAND, dry, no odor (SP)			5.3	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 9.5			8.0					
		Gray and red-brown, interlayered, SILT and fine SAND, dry, no odor (SM)	SM		3.8					
10		9.5 - 10.0	SP		3.3					
		Brown, poorly graded, fine SAND, dry, no odor (SP)			10.0					
		10.0 - 12.0								
		Light gray, poorly graded, fine SAND, wet at 12.0 ft bgs, no odor (SP)	SP		1.3					
		12.0 - 12.3	CL		12.3	3	GRAB	0.0	4.0/4.0	▼
		Gray, CLAY, wet, low plasticity, no odor (CL)								
	0	12.3 - 14.0	SP		-0.7					
		Dark gray, poorly graded, fine SAND, wet, no odor (SP)								
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-88

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/13/08
DATE COMPLETED: 6/13/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,721.4 E: 1,275,613.6
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.7 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 6/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0 0.5					
		0.5 - 3.0 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		10.5	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 5.0 Light gray, fine to medium SAND, dry, no odor (SP)	SP		3.0 8.5					
5		5.0 - 7.5 Light gray, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.0	2	GRAB	0.0	5.0/5.0	
	5	7.5 - 9.8 Red-brown, fine SAND, trace thin Silt lenses, dry, no odor (SP)	SP		7.5 3.7					
10		9.8 - 10.0 Dark gray, poorly graded, fine SAND, dry, no odor (SP)	SP		10.0					
		10.0 - 12.5 Light gray, CLAY, wet at 12.0 ft bgs, low plasticity, no odor (CL)	CL		0.9	3	GRAB	0.0	4.0/4.0	▼
	0	12.5 - 14.0 Light gray, fine SAND, wet, no odor (SP)	SP		12.5 -0.6					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-89

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/13/08
DATE COMPLETED: 6/13/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,644.6 E: 1,275,657.2
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 66 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 6/13/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 4.0 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM			1	GRAB	0.0	4.5/5.0	
	10				9.4					
		4.0 - 5.0 Gray, poorly graded, fine SAND, dry, no odor (SP)	SP		4.0 8.4					
5		5.0 - 7.5 Gray, poorly graded, fine SAND, dry, no odor 9SP)	SP		5.0 5.9	2	GRAB	0.0	5.0/5.0	
	5	7.5 - 9.5 Light brown, fine SAND, dry, no odor (SP)	SP		7.5 3.9					
10		9.5 - 10.0 Light gray and red-brown, SILT and fine SAND, dry, no odor (SM)	SM		3.4					
		10.0 - 11.0 Light gray, poorly graded, fine SAND, moist, no odor (SP)	SP		10.0 2.4					
		11.0 - 13.0 Gray, CLAY, wet at 12.5 ft bgs, low plasticity, no odor (CL)	CL		11.0 0.4	3	GRAB	0.0	4.0/4.0	▼
	0	13.0 - 13.5 Light gray, SILT, some fine Sand, wet, no odor (ML)	ML		-0.1					
		13.5 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-0.6					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-90

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/6/08
DATE COMPLETED: 6/6/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,632.5 E: 1,275,533.8
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 63 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 6/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 1.5 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		11.8 1.5					
	10	1.5 - 5.0 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		8.3	1	GRAB	0.0	4.5 / 5.0	
5		5.0 - 7.5 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		5.0 5.8	2	GRAB	0.0	5.0 / 5.0	
	5	7.5 - 9.0 Brown and gray, laminated, SILTY fine SAND and SILT, moist at 9.0 ft bgs, no odor (ML)	SM		7.5 4.3					
		9.0 - 10.0 Dark gray, CLAY, some fine Sand, moist, low plasticity, no odor (CL)	CL		9.0 3.3					
10		10.0 - 12.0 Brown, fine to medium SAND, wet at 12.0 ft bgs, no odor (SP)	SP		10.0 1.3	3	GRAB	0.0	4.0 / 4.0	▼
	0	12.0 - 14.0 Dark gray, poorly graded, medium SAND, wet, no odor (SP)	SP		12.0 -0.7					
		Boring completed at 14.0 ft								
15	-5									
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-91

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 39.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/4/08
DATE COMPLETED: 6/4/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,778.6 E: 1,275,255.4
GS ELEVATION: 13.1 ft
TOC ELEVATION:
TEMPERATURE: 60 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/4/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
0		0.0 - 0.5 CONCRETE			12.6 0.5						
		0.5 - 1.5 Dark brown, fine SAND, with fine to mediumd Gravel, dry, large asphalt fragments, no odor (SP)	SP		11.6 1.5						
	10	1.5 - 5.0 Brown, fine SAND, trace fine Gravel, dry, no odor (SP)	SP		8.1	0.0	1	GRAB	4.5/5.0		
5		5.0 - 7.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 6.1						
	5	7.0 - 9.5 Dark brown and gray, interlayered, SILT and fine SAND, dry, no odor (SM)	SM		7.0 3.6	0.0	2	GRAB	5.0/5.0		
10		9.5 - 10.0 Dark gray, fine SANDY CLAY, moist, low plasticity, no odor (CL)	CL		3.1 10.0					Temporary well	
		10.0 - 11.5 Brown, poorly graded, fine SAND, moist, no odor (SP)	SP		1.6 11.5						
	0	11.5 - 14.0 Dark brown to black, poorly graded, fine SAND, moist, no odor (SP)	SP		-0.9	0.0	3	GRAB	4.0/4.0		
15		14.0 - 17.5 Dark brown to black, fine to medium SAND, wet, no odor (SP)	SP		14.0 -4.4	0.0	4	GRAB	5.0/5.0		
	-5	17.5 - 19.0 Dark brown to black, fine SAND, some Silt, wet, no odor (SM)	SM		17.5 -5.9						
20		19.0 - 24.0 Dark brown to black, poorly graded, fine SAND, wet, no odor (SP)	SP		19.0 -10.9	0.0	5	GRAB	5.0/5.0		
	-10	24.0 - 27.0 Dark brown to black, poorly graded, medium SAND, wet, no odor (SP)	SP		24.0 -13.9	0.0	6	GRAB	5.0/5.0		
25	-15	27.0 - 29.0 Dark brown to black, medium to coarse SAND, trace rounded fine Gravel, wet, no odor (SP)	SP		27.0 -15.9						
		29.0 - 32.0 Dark brown to black, medium to coarse SAND, wet, no odor (SP)	SP		29.0 -18.9	0.0	7	GRAB	5.0/5.0		
30	-20	32.0 - 34.0 Dark brown to black, medium to coarse SAND, wet, 1/4-inch to 1/2-inch gray clay lenses at 32.0 ft, 32.5 ft, 32.7 ft, 33.0 ft, and 33.4 ft bgs, no odor (SP)	SP		32.0 -20.9						
		34.0 - 35.5 Dark brown to black, SILT, wet, no odor (ML)	ML		34.0 -22.4						
35		35.5 - 36.0 Dark brown to black, SILTY fine SAND, wet, no odor (SM)	SM		-22.9						
		36.0 - 36.8 Gray, CLAY, little fine Sand, wet, low plasticity, no odor (CL)	CL		-23.6 36.8	0.0	8	GRAB	5.0/5.0		
	-25	36.8 - 38.8 Dark brown to black, SILTY fine SAND, wet, no odor (SM)	SM		-25.6						
40		38.8 - 39.0 Dark brown to black, fine SAND, wet, no odor (SP)	SP								
		Boring completed at 39.0 ft									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 11/13/09

RECORD OF BOREHOLE 2-40-DP-92

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/3/08
DATE COMPLETED: 6/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,806.9 E: 1,275,276.3
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 60 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 0.7 ft
DATE W.L.: 6/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7					
		0.5 - 1.0 Dark brown, poorly graded, fine SAND, some fine Gravel, dry, no odor (SP)	SP		12.2 11.7 1.5					
	10	1.0 - 1.5 Light brown, fine SAND, dry, concrete fragments, no odor (SP)	SP			1	GRAB	86.4	4.5/5.0	
5		1.5 - 5.0 Dark brown, poorly graded, fine SAND, dry, no odor (SP)			8.2					
		5.0 - 7.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0					
		7.5 - 7.8 Red-brown, CLAYEY fine SAND, dry, no odor (SC)	SC SP		5.7 5.0	2	GRAB	30.1	5.0/5.0	
	5	7.8 - 8.3 Brown, poorly graded, fine SAND, dry, no odor (SP)	CL SP		8.5 3.7					
10		8.3 - 8.5 Red-brown and gray, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL SP		3.2 10.0 2.2					
		8.5 - 9.5 Red-brown, fine SAND, trace to little Clay, moist at 9.5 ft bgs, no odor (SC)	SP		11.0	3	GRAB	25.6	4.0/4.0	▼
	0	9.5 - 10.0 Mottled red-brown and dark gray, fine SANDY CLAY, moist, low plasticity, no odor (CL)	SP		0.2 13.0 -0.8					
15		10.0 - 11.0 Dark gray, poorly graded, fine SAND, moist, no odor (SP)								
		11.0 - 13.0 Dark brown to black, poorly graded, fine SAND, wet at 12.0 ft bgs, cobble at 11.5 ft bgs, no odor (SP)								
	-5	13.0 - 14.0 Dark brown to black, poorly graded, medium SAND, wet, no odor (SP)								
20		Boring completed at 14.0 ft								
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-93

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/8/08
DATE COMPLETED: 7/8/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,992.8 E: 1,274,900.6
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.3 ft
DATE W.L.: 7/8/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0 0.5					
		0.5 - 3.0 Gray, SILTY fine SAND, some fine to medium Gravel, dry, no odor (FILL)			10.5	1	GRAB	0.0	4.5/5.0	
	10	3.0 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.0 8.5					
5		5.0 - 10.0 Brown, fine to medium SAND, dry, rock fragments at 9.5 ft bgs, no odor (SP)	SP		5.0 3.5	2	GRAB	0.0	5.0/5.0	
10	5	10.0 - 10.5 Light brown, fine SAND, some fine Gravel, dry, no odor (SP)	SP		3.0					
		10.5 - 10.8 CONCRETE fragments	CL		10.8 1.5	3	GRAB	0.0	4.0/4.0	▼
		10.8 - 12.0 Brown, fine SANDY CLAY, wet at 11.0 ft bgs, low plasticity, no odor	SP		12.0					
	0	12.0 - 14.0 Dark brown, poorly graded, medium SAND, wet, no odor (SP)			-0.5					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-94

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/30/08
DATE COMPLETED: 6/30/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,010.4 E: 1,274,952.1
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 64 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 6/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0	10	0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 3.5 Gray, SILTY fine SAND, and fine Gravel, dry, vapor barrier at 3.5 ft bgs, no odor (FILL)			9.9	1	GRAB	0.0	4.5/5.0	
		3.5 - 5.0 Brown, poorly graded, fine SAND, dry, cobble at 4.75 ft bgs, no odor (SP)	SP		3.5 8.4					
5	5	5.0 - 9.5 Brown, poorly graded, fine SAND, dry, 1/2-inch red-brown and gray silt lenses at 8.0 ft and 8.5 ft bgs, no odor (SP)	SP		5.0 3.9	2	GRAB	0.0	5.0/5.0	
10		9.5 - 10.0 Gray, fine SANDY SILT, moist, no odor (ML)	ML		3.4 10.0					
	0	10.0 - 12.5 Light gray, fine SANDY CLAY, wet at 12.0 ft bgs, low plasticity, no odor (CL)	CL		0.9	3	GRAB	0.0	4.0/4.0	▼
		12.5 - 14.0 Brown and gray, fine SAND, little to some Silt, wet, no odor (SM)	SM		12.5 -0.6					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-95

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/9/08
DATE COMPLETED: 6/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,143.7 E: 1,275,124.4
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 70 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.2 ft
DATE W.L.: 6/9/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 2.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.9	1	GRAB	0.0	4.5/5.0	
	10	2.5 - 4.0 Dark gray to black, CLAY, dry, low plasticity, no odor (CL)	CL		2.5 9.4					
		4.0 - 4.8 Light gray, poorly graded, fine SAND, dry, no odor (SP)	SP		8.6					
5		4.8 - 5.0 Gray, CLAY, little fine Sand, dry, low plasticity, no odor (CL)	CL SP		7.9 5.5					
		5.0 - 5.5 Light brown and gray, fine SAND, trace Silt, dry, no odor (SP)	CL		6.4					
		5.5 - 7.0 Dark gray and black, CLAY, dry, low plasticity, no odor (CL)			7.0	2	GRAB	0.0	5.0/5.0	
	5	7.0 - 10.0 Light gray, poorly graded, fine SAND, dry, 1/2-inch black fine Sandy Silt lenses at 7.25 ft, 9.25 ft, and 9.75 ft bgs, no odor (SP)	SP		3.4					
10		10.0 - 10.5 Dark gray to black, CLAY, some fine Sand, moist, low plasticity, no odor (CL)	CL SP CL		2.9 2.4 1.6					
		10.5 - 11.0 Light gray, poorly graded, fine SAND, dry, no odor (SP)			11.8	3	GRAB	0.0	4.0/4.0	▼
	0	11.0 - 11.8 Light gray, CLAY, wet at 11.5 ft bgs, low plasticity, no odor (CL)	SP							
		11.8 - 14.0 Gray, fine to medium SAND, wet, no odor (SP)			-0.6					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-96

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/23/08
DATE COMPLETED: 6/23/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,536.4 E: 1,275,568.5
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 10.5 ft
ELEVATION W.L.: 2.9 ft
DATE W.L.: 6/23/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 12.4					
		0.5 - 1.0 SUB-BASE; Gray, fine to medium SAND, and fine Gravel, dry, no odor			1.0					
	10	1.0 - 4.8 Red-brown, fine to medium SAND, dry, no odor (SP)	SP		8.6	1	GRAB	0.0	4.5/5.0	
5		4.8 - 5.0 Gray, SILTY CLAY, dry, low plasticity, no odor (CL-ML)	CL-ML		5.0					
		5.0 - 7.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		6.4					
	5	7.0 - 7.3 Gray-brown, CLAY, little to some fine Sand, dry, low plasticity, no odor (CL)	CL		7.3	2	GRAB	0.0	5.0/5.0	
		7.3 - 10.0 Red-brown to gray, SILT, some fine Sand, wet at 9.75 ft bgs, no odor (ML)	ML		3.4					
10		10.0 - 10.5 Red-brown, poorly graded, fine SAND, wet, no odor (SP)	SP		2.9					▼
		10.5 - 12.5 Gray, SILTY fine SAND, wet, no odor (SM)	SM		10.5 0.9	3	GRAB	0.0	4.0/4.0	
	0	12.5 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SP		12.5 -0.6					
		Boring completed at 14.0 ft								
15										
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-97

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/7/08
DATE COMPLETED: 7/7/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,527.0 E: 1,275,679.7
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 80 F

INCLINATION: -90
DEPTH W.L.: 10.5 ft
ELEVATION W.L.: 3.0 ft
DATE W.L.: 7/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 1.0 CONCRETE			12.5					
		1.0 - 2.0 SUB-BASE; Gray, fine ot medium SAND, and fine Gravel, dry, no odor			1.0 11.5	1	GRAB	0.0	3.0/4.0	
		2.0 - 4.0 Brown, medium SAND, trace fine Gravel, dry, no odor (SP)	SP		2.0 9.5					
5	10	4.0 - 8.0 Brown, medium SAND, dry, 1-inch lens of fine Gravel at 5.5 ft and 1-inch lens of red-brown Clay at 6.0 ft bgs, no odor (SP)	SP		4.0 5.5	2	GRAB	0.0	4.0/4.0	
10	5	8.0 - 10.0 Red-brown, poorly graded, medium SAND, dry, no odor (SP)	SP		8.0 3.5	3	GRAB	0.0	4.0/4.0	▼
		10.0 - 10.5 Brown, CLAYEY fine SAND, moist, no odor (SC)	SC		3.0 10.5					
		10.5 - 12.0 Light gray, CLAY, moist, low plasticity, no odor (CL)	CL		1.5					
		12.0 - 12.3 Brown, SILTY fine SAND, some organic matter, wet, no odor (SM)	SM SP		0.5	4	GRAB	0.0	2.0/2.0	
	0	12.3 - 13.0 Brown, fine SAND, trace medium Gravel, wet, no odor (SP)	SP		13.0 -0.5					
15		13.0 - 14.0 Dark brown, poorly graded, medium SAND, wet, no odor (SP) Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-98

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/12/08
DATE COMPLETED: 6/12/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,951.9 E: 1,275,543.9
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 13.1 ft
ELEVATION W.L.: 0.3 ft
DATE W.L.: 6/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 2.5 Brown, SILTY fine SAND, and fine Gravel, dry, no odor (SM)	SM		10.9	1	GRAB	0.0	4.5/5.0	
	10	2.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		2.5 8.4					
5		5.0 - 8.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.4	2	GRAB	0.0	5.0/5.0	
	5	8.0 - 8.3 Light brown and gray, fine SAND and SILT, dry, no odor (SM)	SM SP		8.3					
		8.3 - 9.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	CL		3.9 3.4					
10		9.5 - 10.0 Dark gray to black, CLAY, moist, low plasticity, no odor (CL)			10.0					
		10.0 - 12.5 Light brown, poorly graded, fine SAND, wet at 12.5 ft bgs, no odor (SP)	SP		0.9	3	GRAB	0.0	4.0/4.0	▼
	0	12.5 - 13.3 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		0.1					
		13.3 - 14.0 Gray, fine SAND and SILT, wet, no odor (SM)	SM		-0.7					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-99

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/12/08
DATE COMPLETED: 6/12/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,958.1 E: 1,275,613.6
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.6 ft
DATE W.L.: 6/12/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			13.0					
		0.5 - 1.5 Red-brown, fine SAND and SILT, dry, 1/2-inch stiff gray friable Clay at 1.25 ft b gs, no odor (SM)	SM		0.5 12.0 1.5	1	GRAB	0.0	4.5/5.0	
	10	1.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.5					
5		5.0 - 7.8 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.7	2	GRAB	0.0	5.0/5.0	
	5	7.8 - 8.3 Brown and gray, SILT and fine SAND, dry, no odor (SM)	SM		5.2					
		8.3 - 9.0 Dark gray, CLAY, moist, low plasticity, no odor (CL)	CL		4.5					
10		9.0 - 10.0 Dark gray, fine SAND, some SIlt and Clay, moist, no odor (SM)	SM		9.0 3.5 10.0					
		10.0 - 13.0 Light brown, poorly graded, fine SAND, wet at 12.5 ft bgs, no odor (SP)	SP		0.4	3	GRAB	0.0	4.0/4.0	▼
	0	13.0 - 13.5 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL		-0.1					
		13.5 - 13.8 Light gray, CLAYEY fine SAND, wet, no odor (SC)	SC							
15		13.8 - 14.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP							
		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-100

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/6/08
DATE COMPLETED: 6/6/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,774.5 E: 1,275,363.1
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 63 F

INCLINATION: -90
DEPTH W.L.: 13.1 ft
ELEVATION W.L.: 0.2 ft
DATE W.L.: 6/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 1.5 Light brown, fine SAND, trace fine Gravel, dry, no odor (SP)	SP		11.8 1.5					
	10	1.5 - 5.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.3	1	GRAB	0.0	4.5/5.0	
5		5.0 - 7.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.8	2	GRAB	23.4	5.0/5.0	
	5	7.5 - 9.0 Dark brown, fine SAND, trace to little Silt, dry, no odor (SP-SM)	SP-SM		7.5 4.3					
		9.0 - 9.8 Brown, interlayered, fine SAND and SILT, moist at 9.75 ft bgs, no odor (SM)	SM		3.5					
10		9.8 - 10.0 Brown, fine SANDY CLAY, moist, low plasticity, no odor (CL)	CL		10.0					
	0	10.0 - 14.0 LITTLE RECOVERY; brown fine Sand with 1-inch of gray Clay in tip of sampler (SP)	SP		-0.7	3	GRAB	0.0	1.0/4.0	▼
		Boring completed at 14.0 ft								
15	-5									
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-101

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/4/08
DATE COMPLETED: 6/4/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,975.9 E: 1,274,852.0
GS ELEVATION: 13.6 ft
TOC ELEVATION:
TEMPERATURE: 60 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 1.4 ft
DATE W.L.: 6/4/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
		SOIL PROFILE				SAMPLES				
0		0.0 - 0.5 CONCRETE			13.1 0.5					
	10	0.5 - 5.0 Brown, poorly graded, fine SAND, dry, trace thin Silt lenses, no odor (SP)	SP		8.6	1	GRAB	20.8	4.5/5.0	
5		5.0 - 8.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.1	2	GRAB	26.2	5.0/5.0	
	5	8.5 - 10.0 Dark brown, CLAYEY fine SAND, dry, no odor (SC)	SC		8.5 3.6					
10		10.0 - 11.0 Dark brown, fine to medium SAND, moist at 10.5 ft bgs, no odor (SP)	SP		10.0 2.6	3	GRAB	24.7	4.0/4.0	▼
	0	11.0 - 11.3 Dark gray, poorly graded, medium SAND, wet, no odor (SP)	SP							
		11.3 - 11.5 Brown and gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		11.5 0.6					
		11.5 - 13.0 Brown, SILTY fine SAND, wet, no odor (SM)	SM		13.0 -0.4					
15	-5	13.0 - 14.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP							
		Boring completed at 14.0 ft								
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-102

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 5/30/08
DATE COMPLETED: 5/30/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,854.6 E: 1,274,902.1
GS ELEVATION: 13.2 ft
TOC ELEVATION:
TEMPERATURE: 55 F

INCLINATION: -90
DEPTH W.L.: 12.7 ft
ELEVATION W.L.: 0.5 ft
DATE W.L.: 5/30/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.7 0.5					
		0.5 - 1.5 Red-brown, fine SAND, some fine Gravel, dry, no odor (SP)	SP		11.7 1.5					
	10	1.5 - 4.3 Gray-brown, fine to medium SAND, dry, no odor (SP)	SP		9.0	1	GRAB	167	4.5 / 5.0	
		4.3 - 4.5 Light brown, fine SAND, some Silt, dry no dor (SM)	SM SP		8.2					
5		4.5 - 5.0 Gray-brown, fine to medium SAND, dry, no odor (SP)	SP		5.0					
		5.0 - 8.0 Gray-brown, fine to medium SAND, dry, no odor (SP)			5.2	2	GRAB	176	5.0 / 5.0	
	5	8.0 - 9.0 Light brown, fine SAND, trace Silt, dry, no odor (SP)	SP		8.0 4.2					
		9.0 - 9.5 Gray-brown, poorly graded, fine SAND, dry, no odor (SP)	SP CL		3.7 3.2					
10		9.5 - 10.0 Light gray mottled orange-brown, CLAY, little fine Sand, moist, low plasticity, no odor (CL)	SP		10.0					
		10.0 - 12.0 Brown, poorly graded, fine SAND, moist, no odor (SP)	SM		1.2 0.7	3	GRAB	94.3	4.0 / 4.0	▼
	0	12.0 - 12.5 Dark brown, fine SAND, little to some Silt, wet, no odor (SM)	SP		12.5					
		12.5 - 14.0 Dark brown to black, poorly graded, fine SAND, wet, no odor (SP)			-0.8					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-103

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/3/08
DATE COMPLETED: 7/3/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,352.7 E: 1,275,445.2
GS ELEVATION: 13.5 ft
TOC ELEVATION:
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 12.5 ft
ELEVATION W.L.: 1.0 ft
DATE W.L.: 7/3/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	13.0	0.0 - 0.5 CONCRETE			13.0 12.5					
		0.5 - 1.0 PEA GRAVEL			1.0					
	10	1.0 - 5.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		8.5	1	GRAB	0.0	4.5/5.0	
5		5.0 - 10.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 3.5	2	GRAB	0.0	5.0/5.0	
10	5	10.0 - 14.0 Dark gray, medium to coarse SAND, wet at 11.0 ft bgs, no odor (SP)	SP		10.0	3	GRAB	0.0	4.0/4.0	▼
	0				-0.5					
15		Boring completed at 14.0 ft								
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-104

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: LAR 6600
DATE STARTED: 7/7/08
DATE COMPLETED: 7/7/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,290.1 E: 1,275,455.6
GS ELEVATION: 13.4 ft
TOC ELEVATION:
TEMPERATURE: 80 F

INCLINATION: -90
DEPTH W.L.: 12.6 ft
ELEVATION W.L.: 0.8 ft
DATE W.L.: 7/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0		0.0 - 0.5 CONCRETE			12.9 0.5					
		0.5 - 2.5 Light grayish-brown, poorly graded, fine SAND, dry, no odor (SP)	SP		10.9	1	GRAB	0.0	4.5/5.0	
	10	2.5 - 5.0 Dark brown, fine SAND, trace Silt, dry, no odor (SP)	SP		2.5 8.4					
5		5.0 - 8.5 Dark brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 4.9	2	GRAB	0.0	5.0/5.0	
	5	8.5 - 8.8 Dark brown, SILT, trace fine Sand, dry, no odor (ML)	ML		8.8					
		8.8 - 10.0 Brown, fine SANDY SILT, moist, no odor (ML)	ML		3.4					
10		10.0 - 11.5 Light brown, poorly graded, fine SAND, wet at 11.5 ft bgs, no odor (SP)	SP		10.0 1.9					
		11.5 - 14.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		11.5 -0.6	3	GRAB	0.0	4.0/4.0	▼
	0	Boring completed at 14.0 ft								
15										
	-5									
20										
	-10									
25										
	-15									
30										
	-20									
35										
	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: E. Flloyd

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE 2-40-DP-105

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 14.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 6/11/08
DATE COMPLETED: 6/11/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,034.2 E: 1,275,532.3
GS ELEVATION: 13.3 ft
TOC ELEVATION:
TEMPERATURE: 65 F

INCLINATION: -90
DEPTH W.L.: 12.9 ft
ELEVATION W.L.: 0.4 ft
DATE W.L.: 6/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	NUMBER	TYPE	PID (ppm)	REC / ATT	COMMENTS
0	10	0.0 - 0.5 CONCRETE			12.8 0.5					
		0.5 - 5.0 Light brown, poorly graded, fine SAND, dry, 1/2-inch fine Sandy Clay at 1.0 ft bgs, no odor (SP)	SP		8.3	1	GRAB	0.0	4.5 / 5.0	
5	5	5.0 - 7.5 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.8	2	GRAB	0.0	5.0 / 5.0	
		7.5 - 7.8 Light brown and gray, fine SANDY SILT, dry, no odor (ML)	ML		7.8					
		7.8 - 9.0 Light brown to dark gray, CLAY, dry, low plasticity, no odor (CL)	CL		4.3					
10	0	9.0 - 9.3 Light gray, poorly graded, fine SAND, dry, no odor (SP)	SP		3.3					
		9.3 - 10.0 Gray, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL		10.0					
		10.0 - 13.8 Light gray, fine SANDY CLAY, wet at 11.0 ft bgs, low plasticity, no odor (CL)	CL		-0.4	3	GRAB	0.0	4.0 / 4.0	▼
15	-5	13.8 - 14.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP							
		Boring completed at 14.0 ft								
20	-10									
25	-15									
30	-20									
35	-25									
40										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA GEOTECH LOG BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/9/09

RECORD OF BOREHOLE PL2-420B

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/10/08
DATE COMPLETED: 7/10/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,642.3 E: 1,275,004.6
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 9.7 ft
ELEVATION W.L.: 3.3 ft
DATE W.L.: 10/23/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
0	10	0.0 - 0.5 CONCRETE			12.9 0.5					Flush-mount	**PL2-420B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0 -35 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 35-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 34-45 ft Type: 2/12 sand Quantity: 11 ft **FILTER PACK SEAL** Interval: 32-34 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-32 ft Type: Bentonite grout Quantity: 29 ft
5	5	0.5 - 1.5 Light brown, fine SAND, little to some fine Gravel, dry, no odor (SP)	SP		11.9 1.5					Cement	
10	0	1.5 - 5.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.4	0.0	1	GRAB	5.0 / 5.0		
15	-5	5.0 - 8.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 5.4	0.0	2	GRAB	5.0 / 5.0	Bentonite chips	
20	-10	8.0 - 9.0 Red-brown, fine SANDY SILT, moist, no odor (ML)	ML		8.0 4.4						
25	-15	9.0 - 10.0 Dark brown, fine to medium SAND, moist, no odor (SP)	SP		9.0 3.4						
30	-20	10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-420C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION.			10.0					Bentonite grout / Centralizer Bentonite chips 2/12 sand	
35	-25										
40		Log continued on next page									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-420B

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/10/08
DATE COMPLETED: 7/10/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,642.3 E: 1,275,004.6
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 9.7 ft
ELEVATION W.L.: 3.3 ft
DATE W.L.: 10/23/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
40		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-420C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION. *(Continued)*								PL2-420B 10-slot screen Centralizer	**PL2-420B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0 -35 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 35-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 34-45 ft Type: 2/12 sand Quantity: 11 ft **FILTER PACK SEAL** Interval: 32-34 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-32 ft Type: Bentonite grout Quantity: 29 ft
	-30										
45					-31.6						
		Boring completed at 45.0 ft									
	-35										
50											
	-40										
55											
	-45										
60											
	-50										
65											
	-55										
70											
	-60										
75											
	-65										
80											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-420C

SHEET 1 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/10/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,645.4 E: 1,275,001.3
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.2 ft
DATE W.L.: 8/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 0.5 CONCRETE			12.9 0.5				
		0.5 - 1.5 Light brown, fine SAND, some fine Gravel, dry, no odor (SP)	SP		11.9 1.5				
	10	1.5 - 5.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.4	0.0	1	GRAB	4.5/5.0
5		5.0 - 8.8 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 4.7	0.0	2	GRAB	5.0/5.0
	5	8.8 - 9.0 Brown, fine SANDY SILT, dry, no odor (ML)	ML						
			SP		9.0 3.4				
10		9.0 - 10.0 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		10.0 2.4				
		10.0 - 11.0 Dark brown, fine to medium SAND, dry, no odor (SP)	ML						
			SM		11.3 1.2				
		11.0 - 11.3 Dark brown, SILT, some fine Sand and trace fine Gravel, moist, no odor (ML)	CL		12.3 -0.1	0.0	3	GRAB	5.0/5.0
	0	11.3 - 12.3 Gray-brown, SILTY fine SAND, wet at 12.0 ft bgs, no odor (SM)	OL		-0.6				
		12.3 - 13.5 Gray CLAY, wet, low plasticity, no odor (CL)	SP		14.0				
15		13.5 - 14.0 Black, organic SILT, some Clay and fine SAND, wet, some root/tree fragments, no odor (OL)	ML		-2.6 16.0				
		14.0 - 16.0 Gray, poorly graded, fine Sand, wet, no odor (SP)			-3.9				
		16.0 - 17.3 Gray, fine SANDY SILT, wet, some organic matter, no odor (ML)	SP		17.3	0.0	4	GRAB	5.0/5.0
	-5	17.3 - 20.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)			-6.6				
20		20.0 - 25.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		20.0 -11.6	0.0	5	GRAB	5.0/5.0
	-10	25.0 - 30.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		25.0 -16.6	0.0	6	GRAB	5.0/5.0
30		30.0 - 42.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		30.0	0.0	7	GRAB	5.0/5.0
	-20								
35						0.0	8	GRAB	5.0/5.0
	-25								
40		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES

PL2-420C

Flush-mount
Cement
Bentonite chips
Centralizer
Centralizer
Bentonite

WELL CONSTRUCTION DETAILS

PL2-420C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-75 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 75-80 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 73-80
Type: 2/12 Sand
Quantity: 7 ft
FILTER PACK SEAL
Interval: 70-73
Type: Bentonite chips
Quantity: 3 ft
ANNULUS SEAL
Interval: 0-70 ft
Type: Bentonite grout
Quantity: 70 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-420C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/10/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,645.4 E: 1,275,001.3
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.2 ft
DATE W.L.: 8/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES (PL2-420C)	WELL CONSTRUCTION DETAILS
40		30.0 - 42.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP) *(Continued)*	SP		-29.1	0.0	9	GRAB	5.0/5.0	grout	**PL2-420C** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-75 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 75-80 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 73-80 Type: 2/12 Sand Quantity: 7 ft **FILTER PACK SEAL** Interval: 70-73 Type: Bentonite chips Quantity: 3 ft **ANNULUS SEAL** Interval: 0-70 ft Type: Bentonite grout Quantity: 70 ft
	-30	42.5 - 44.5 Gray, fine SANDY SILT, wet, no odor (ML)	ML		42.5 -31.1						
45		44.5 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-31.6						
		45.0 - 47.8 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		45.0 -34.4	0.0	10	GRAB	5.0/5.0		
	-35	47.8 - 48.0 Gray, SILT, wet, no odor (ML)	ML		48.0						
		48.0 - 50.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-36.6						
50		50.0 - 58.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		50.0	0.0	11	GRAB	5.0/5.0	Centralizer	
	-40										
55						0.0	12	GRAB	5.0/5.0		
	-45				-45.1						
		58.5 - 59.5 Dark gray to black, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		58.5 -46.1						
60		59.5 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		59.5	0.0	13	GRAB	5.0/5.0		
	-50				-51.6						
65		65.0 - 70.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		65.0	0.0	14	GRAB	5.0/5.0		
	-55				-56.6						
70		70.0 - 79.8 Dark gray to black, fine SAND, wet, 1-inch wood fragment at 74 ft bgs, no odor (SP)	SP		70.0	0.0	15	GRAB	5.0/5.0	Bentonite chips Centralizer	
	-60										
75						0.0	16	GRAB	5.0/5.0	2/12 Sand 10-slot screen	
	-65				-66.4						
80		Log continued on next page									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-420C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/10/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,645.4 E: 1,275,001.3
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 12.8 ft
ELEVATION W.L.: 0.2 ft
DATE W.L.: 8/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
80		79.8 - 80.0 Dark gray, SILT, wet, little fine shell fragments, no odor (ML)	ML		80.0					PL2-420C	**PL2-420C** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-75 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 75-80 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 73-80 Type: 2/12 Sand Quantity: 7 ft **FILTER PACK SEAL** Interval: 70-73 Type: Bentonite chips Quantity: 3 ft **ANNULUS SEAL** Interval: 0-70 ft Type: Bentonite grout Quantity: 70 ft
	-70	80.0 - 85.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP			0.0	17	GRAB	5.0 / 5.0	Heave –	
85					-71.6						
		Boring completed at 85.0 ft									
	-75										
90											
	-80										
95											
	-85										
100											
	-90										
105											
	-95										
110											
	-100										
115											
	-105										
120											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-425B

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/14/08
WEATHER: Inside Bldg

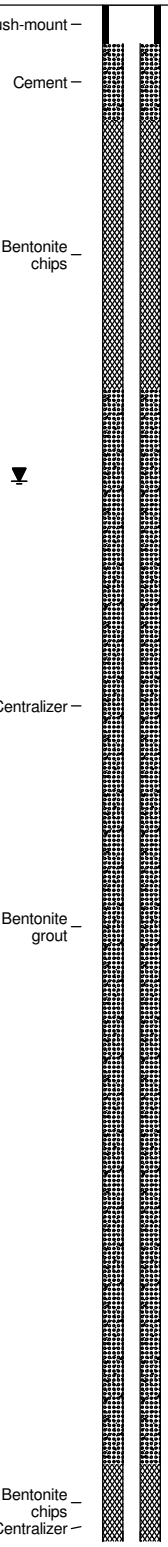
DATUM: Geodetic
COORDS: N: 196,340.5 E: 1,275,442.4
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.3 ft
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 8/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 0.5 CONCRETE			13.1 0.5				
		0.5 - 3.5 Light brown, fine to medium SAND, dry, no odor (SP)	SP		10.1	0.0	1	GRAB	4.5/5.0
	10	3.5 - 4.5 Brown, fine SAND, some Silt, dry, no odor (SM)	SM		3.5 9.1				
5		4.5 - 5.0 Gray, poorly graded, fine SAND, dry, no odor (SP)	SP		8.6				
		5.0 - 7.0 Brown, fine to medium SAND, dry, no odor (SP)	SP		5.0 6.6				
		7.0 - 8.5 Dark brown and gray, SILT, little to some fine Sand, dry, organic matter at 8.0-8.5 ft bgs, no odor (ML)	ML		7.0 5.1	0.0	2	GRAB	5.0/5.0
	5	8.5 - 10.0 Gray-brown, poorly graded, fine SAND, dry, no odor (SP)	SP		8.5 3.6				
10		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-425C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION.			10.0				
	0								
15									
	-5								
20									
	-10								
25									
	-15								
30									
	-20								
35									
	-25								
40									

Log continued on next page

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-425B
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-40 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 40-45 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 40-45 ft
Type: 2/12 sand
Quantity: 5 ft
FILTER PACK SEAL
Interval: 38-40 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 3-38 ft
Type: Bentonite grout
Quantity: 35 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-425B

SHEET 2 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/14/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,340.5 E: 1,275,442.4
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.3 ft
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.9 ft
DATE W.L.: 8/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
40		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-425C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION. *(Continued)*								PL2-425B 2/12 sand 10-slot screen Centralizer	**PL2-425B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-40 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 40-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 40-45 ft Type: 2/12 sand Quantity: 5 ft **FILTER PACK SEAL** Interval: 38-40 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-38 ft Type: Bentonite grout Quantity: 35 ft
-30					-31.4						
45		Boring completed at 45.0 ft									
-35											
50											
-40											
55											
-45											
60											
-50											
65											
-55											
70											
-60											
75											
-65											
80											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-425C

SHEET 1 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

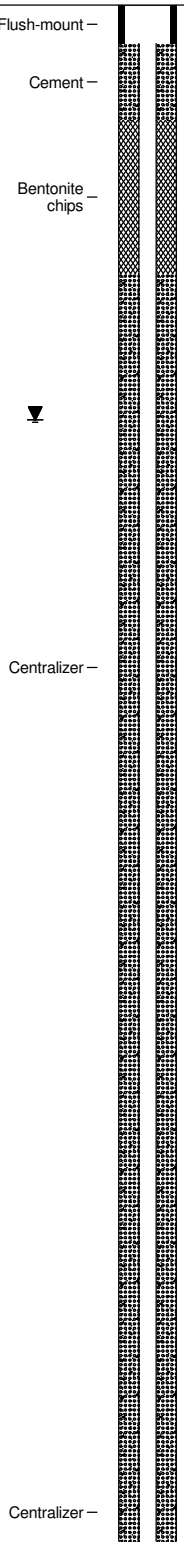
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/15/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,340.3 E: 1,275,437.1
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.4 ft
TEMPERATURE: 68 F

INCLINATION: -90
DEPTH W.L.: 10.8 ft
ELEVATION W.L.: 2.6 ft
DATE W.L.: 8/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 0.5 CONCRETE			13.1 0.5				
		0.5 - 3.5 Light brown, fine to medium SAND, dry, no odor (SP)	SP			0.0	1	GRAB	5.0/5.0
	10	3.5 - 5.0 Brown, fine SAND, some Silt, dry, no odor (SM)	SM		10.1 3.5 8.6				
5		5.0 - 6.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		5.0 7.6				
		6.0 - 7.0 Brown, SILTY fine SAND, dry, no odor (SM)	SM		6.0 6.6				
		7.0 - 8.5 Red-brown and gray, poorly graded, fine SAND, dry, no odor (SP)	SP		7.0 5.1	0.0	2	GRAB	5.0/5.0
	5	8.5 - 10.0 Gray, poorly graded, fine SAND, dry, no odor (SP)	SP		8.5 3.6				
10		10.0 - 15.0 Dark gray, fine to medium SAND, wet at 12.5 ft bgs, no odor (SP)	SP		10.0 -1.4	0.0	3	GRAB	5.0/5.0
	0								
15		15.0 - 20.0 Dark gray, medium to coarse SAND, wet, no odor (SP)	SP		15.0 -6.4	0.0	4	GRAB	5.0/5.0
	-5								
20		20.0 - 25.0 Dark gray, poorly graded, medium SAND, wet, no odor (SP)	SP		20.0 -11.4	0.0	5	GRAB	5.0/5.0
	-10								
25		25.0 - 27.5 Dark gray, poorly graded, medium SAND, wet, no odor (SP)	SP		25.0 -13.9	50.3	6	GRAB	5.0/5.0
	-15	27.5 - 28.5 Dark gray, fine to medium SAND, wet, some wood fragments, no odor (SP)	SP		27.5 -14.9				
		28.5 - 29.5 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		28.5 -15.9 -16.4				
30		29.5 - 30.0 Dark gray, fine SAND, wet, trace wood fragments, no odor (SP)	SP		30.0				
		30.0 - 33.0 Dark gray, fine to medium SAND, wet, no odor (SP)			-19.4	121	7	GRAB	5.0/5.0
	-20	33.0 - 33.5 Dark gray, medium to coarse SAND, wet, no odor (SP)	SP		-19.9				
		33.5 - 33.8 Dark gray, fine SANDY CLAY, wet, low plasticity, little wood fragments at 33.5 ft bgs, no odor (CL)	CL		33.8 -21.4				
35		33.8 - 35.0 Dark gray, medium SAND, wet, no odor (SP)	SP		35.0				
		35.0 - 37.5 Dark gray, fine to medium SAND, wet, little wood fragments at 37.5 ft bgs, no odor (SP)			-23.9	0.0	8	GRAB	5.0/5.0
	-25	37.5 - 37.8 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		37.8				
		37.8 - 40.0 Dark gray, fine SAND, wet, trace wood fragments, no odor (SP)	SP		-26.4				
40		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-425C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-77.5 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 77.5-82.5 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 76-82.5 ft
Type: 2/12 sand
Quantity: 6.5 ft
FILTER PACK SEAL
Interval: 74-76 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 3-74 ft
Type: Bentonite grout
Quantity: 71 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-425C

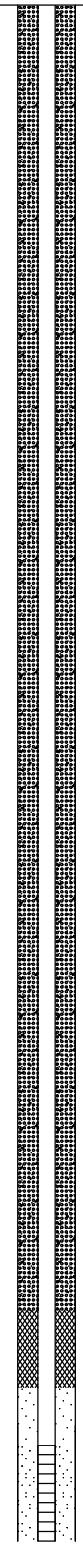
PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/15/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,340.3 E: 1,275,437.1
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.4 ft
TEMPERATURE: 68 F

INCLINATION: -90
DEPTH W.L.: 10.8 ft
ELEVATION W.L.: 2.6 ft
DATE W.L.: 8/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
40		40.0 - 45.0 Dark gray, fine SAND, wet, no odor (SP)	SP		40.0 -31.4	0.0	9	GRAB	5.0/5.0
45	-30	45.0 - 47.5 Dark gray, fine SAND, wet, no odor (SP)	SP		45.0 -33.9	0.0	10	GRAB	5.0/5.0
	-35	47.5 - 50.0 Dark gray, SILTY fine SAND, wet, with 1-inch gray Clay at 50 ft bgs, no odor (SM)	SM		47.5 -36.4				
50		50.0 - 51.5 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		50.0 -37.9				
		51.5 - 51.8 Gray, CLAY, little fine Sand, wet, low plasticity, no odor (CL)	CL						
	-40	51.8 - 54.5 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		51.8 -40.9	0.0	11	GRAB	5.0/5.0
55		54.5 - 54.6 Gray, CLAY, wet, low plasticity, no odor (CL)	CL SP		-41.4 55.0				
		54.6 - 55.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)							
	-45	55.0 - 60.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		-46.4	0.0	12	GRAB	5.0/5.0
60		60.0 - 65.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		60.0 -51.4	0.0	13	GRAB	5.0/5.0
65	-50	65.0 - 70.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		65.0 -56.4	0.0	14	GRAB	5.0/5.0
70	-55	70.0 - 73.0 Dark gray to black, fine SAND, little Silt, wet, no odor (SP-SM)	SP-SM		70.0 -59.4	0.0	15	GRAB	5.0/5.0
	-60	73.0 - 75.0 Dark gray, poorly graded, fine SAND, wet, 1/2-inch gray low plasticity Clay at 74.5 ft bgs, no odor (SP)	SP		73.0 -61.4				
75		75.0 - 77.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		75.0 -63.4				
	-65	77.0 - 78.5 Dark gray, fine SAND, some coarse Sand, wet, no odor (SP)	SP		77.0 -64.9	0.0	16	GRAB	5.0/5.0
		78.5 - 80.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		78.5 -66.4				
80		Log continued on next page							



PL2-425C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-77.5 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 77.5-82.5 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 76-82.5 ft
Type: 2/12 sand
Quantity: 6.5 ft
FILTER PACK SEAL
Interval: 74-76 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 3-74 ft
Type: Bentonite grout
Quantity: 71 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

RECORD OF BOREHOLE PL2-425C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-44

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/15/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,340.3 E: 1,275,437.1
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.4 ft
TEMPERATURE: 68 F

INCLINATION: -90
DEPTH W.L.: 10.8 ft
ELEVATION W.L.: 2.6 ft
DATE W.L.: 8/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
80		80.0 - 82.5 Dark gray, fine SAND, wet, no odor (SP)	SP		80.0					PL2-425C screen	**PL2-425C** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-77.5 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 77.5-82.5 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 76-82.5 ft Type: 2/12 sand Quantity: 6.5 ft **FILTER PACK SEAL** Interval: 74-76 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-74 ft Type: Bentonite grout Quantity: 71 ft
	-70	82.5 - 82.8 Dark gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		-68.9 82.8	0.0	17	GRAB	5.0/5.0	Heave	
85		82.8 - 85.0 Dark gray, SILTY fine SAND, wet, some shell fragments and organic matter at 84 ft bgs, no odor (SM)	SM		-71.4						
		Boring completed at 85.0 ft									
90	-75										
95	-80										
100	-85										
105	-90										
110	-95										
115	-100										
120	-105										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-435B

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/11/08
DATE COMPLETED: 7/11/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,136.0 E: 1,275,491.6
GS ELEVATION: 13.5 ft
TOC ELEVATION: 13.1 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.6 ft
ELEVATION W.L.: 1.5 ft
DATE W.L.: 8/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
0	10	0.0 - 1.0 CONCRETE			12.5					Flush-mount	**PL2-435B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-40 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 40-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 38-45 ft Type: 2/12 Sand Quantity: 7 ft **FILTER PACK SEAL** Interval: 36-38 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 0-36 ft Type: Bentonite grout Quantity: 36 ft
		1.0 - 4.8 Light brown, fine to medium SAND, dry, trace fine gravel from 1 - 1.5 ft bgs, no odor (SP)	SP		1.0	0.0	1	GRAB	5.0 / 5.0	Cement	
5		4.8 - 5.0 Red-brown, fine SAND, some Silt. dry, no odor (SM)	SM		8.7 5.0					Bentonite chips	
		5.0 - 8.0 Brown, fine to medium SAND, dry, 1-inch of brown fine Sandy Clay at 6.75 ft bgs, no odor (SP)	SP		5.5	0.0	2	GRAB	5.0 / 5.0		
10	5	8.0 - 8.3 Dark brown, SILTY fine SAND, dry, no odor (SM)	SM		8.3						
		8.3 - 10.0 Dark gray to black, CLAY, moist, low plasticity, no odor (CL)	CL		3.5						
		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-435C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION.			10.0					▼	
15	0										
20	-5									Centralizer Bentonite grout	
25	-10										
30	-15										
35	-20									Bentonite chips	
40	-25										

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-435B

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/11/08
DATE COMPLETED: 7/11/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,136.0 E: 1,275,491.6
GS ELEVATION: 13.5 ft
TOC ELEVATION: 13.1 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.6 ft
ELEVATION W.L.: 1.5 ft
DATE W.L.: 8/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
40		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-435C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION. *(Continued)*								PL2-435B 2/12 sand 10-slot screen Centralizer	**PL2-435B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-40 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 40-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 38-45 ft Type: 2/12 Sand Quantity: 7 ft **FILTER PACK SEAL** Interval: 36-38 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 0-36 ft Type: Bentonite grout Quantity: 36 ft
	-30										
45					-31.5						
		Boring completed at 45.0 ft									
	-35										
50											
	-40										
55											
	-45										
60											
	-50										
65											
	-55										
70											
	-60										
75											
	-65										
80											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-435C

SHEET 1 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

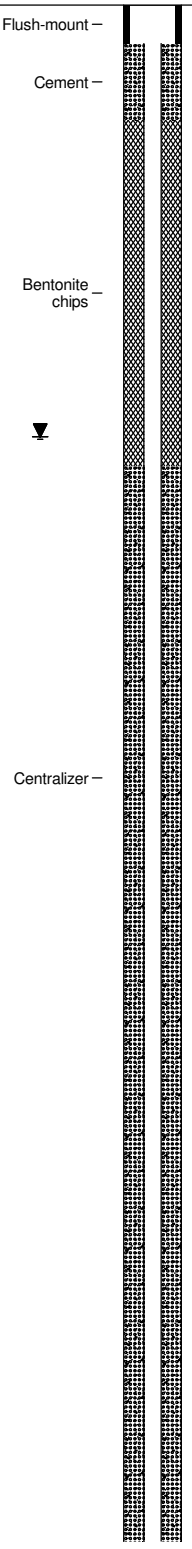
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/11/08
DATE COMPLETED: 7/11/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,135.1 E: 1,275,498.2
GS ELEVATION: 13.5 ft
TOC ELEVATION: 13.1 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.2 ft
ELEVATION W.L.: 1.9 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 1.0 CONCRETE			12.5				
		1.0 - 5.0 Brown, fine to medium SAND, trace fine Gravel from 1 - 1.5 ft bgs, dry, no odor (SP)	SP		1.0	0.0	1	GRAB	4.0/5.0
5	10				8.5				
		5.0 - 8.0 Light brown, poorly graded, fine SAND, dry, 1-inch brown Silt at 7.5 ft bgs, no odor (SP)	SP		5.0	0.0	2	GRAB	5.0/5.0
					5.5				
	5	8.0 - 9.0 Brown, fine SANDY SILT, dry, no odor (ML)	ML		8.0 4.5				
		9.0 - 10.0 Dark gray to black, CLAY, moist at 10 ft bgs, low plasticity, no odor (CL)	CL		9.0 3.5				
10		10.0 - 12.0 Dark gray to black, CLAY, wet at 12 ft bgs, low plasticity, no odor (CL)	CL		10.0 1.5				
		12.0 - 13.0 Light gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		12.0 0.5	0.0	3	GRAB	5.0/5.0
	0	13.0 - 13.5 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC SP		0.0 -0.5				
		13.5 - 14.0 Gray, poorly graded, fine SAND, wet, no odor (SP)			14.0				
15		14.0 - 20.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP			0.0	4	GRAB	5.0/5.0
	-5				-6.5				
20		20.0 - 23.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		20.0 -9.5	0.0	5	GRAB	5.0/5.0
	-10	23.0 - 25.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		23.0 -11.5				
25		25.0 - 27.5 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		25.0 -14.0	0.0	6	GRAB	5.0/5.0
	-15	27.5 - 30.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		27.5 -16.5				
30		30.0 - 33.5 Dark gray to black, medium SAND, wet, no odor (SP)	SP		30.0 -20.0	0.0	7	GRAB	5.0/5.0
	-20	33.5 - 38.0 Dark gray to black, coarse SAND, wet, no odor (SP)	SP		33.5 -24.5	0.0	8	GRAB	5.0/5.0
35									
	-25	38.0 - 40.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP		38.0 -26.5				
40		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-435C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-79 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 79-84 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 77-84 ft
Type: 2/12 sand
Quantity: 2 ft
FILTER PACK SEAL
Interval: 75-77 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 0-75 ft
Type: Bentonite grout
Quantity: 75 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-435C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/11/08
DATE COMPLETED: 7/11/08
WEATHER: Inside Bldg

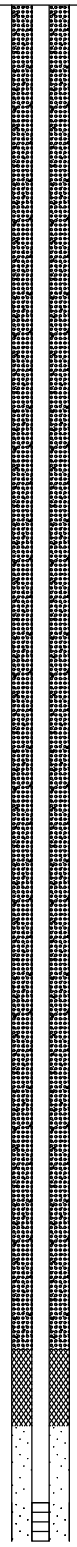
DATUM: Geodetic
COORDS: N: 197,135.1 E: 1,275,498.2
GS ELEVATION: 13.5 ft
TOC ELEVATION: 13.1 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.2 ft
ELEVATION W.L.: 1.9 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
40		40.0 - 42.0 Dark gray to black, fine SAND, some Silt, wet, no odor (SM)	SM		40.0 -28.5				
	-30	42.0 - 45.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		42.0 -31.5	0.0	9	GRAB	5.0/5.0
45		45.0 - 50.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		45.0 -36.5	0.0	10	GRAB	5.0/5.0
50	-40	50.0 - 55.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		50.0 -41.5	0.0	11	GRAB	5.0/5.0
55	-45	55.0 - 59.5 Dark gray to black, fine SAND, wet, no odor (SP)	SP		55.0 -46.0	0.0	12	GRAB	5.0/5.0
60		59.5 - 59.8 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL						
		59.8 - 60.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		60.0				
	-50	60.0 - 64.0 Dark gray to black, fine to medium SAND, wet, 2-inch wood fragment at 63 ft bgs, no odor (SP)	SP		-50.5	0.0	13	GRAB	5.0/5.0
65		64.0 - 65.0 Dark gray to black, rhythmic SAND and SILT, wet, no odor (SM)	SM		64.0 -51.5				
	-55	65.0 - 69.3 Dark gray to black, fine SAND, wet, no odor (SP)	SP		65.0 -55.8	0.0	14	GRAB	5.0/5.0
70		69.3 - 69.5 Dark gray to black, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL						
		69.5 - 70.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		-56.5 70.0 -58.5				
	-60	70.0 - 72.0 Dark gray, fine SAND, wet, no odor (SP)	CL		-59.0	0.0	15	GRAB	5.0/5.0
		72.0 - 72.5 Dark gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	ML		72.5 -60.0				
		72.5 - 73.5 Dark gray, fine SANDY SILT, wet, no odor (ML)	CL						
75		73.5 - 73.8 Light gray, CLAY, wet, low plasticity, no odor (CL)	SC		73.8 -61.5				
		73.8 - 75.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)			75.0				
		75.0 - 78.0 NO RECOVERY			-64.5	0.0	16	GRAB	3.0/5.0
	-65	78.0 - 79.5 Dark gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		78.0 -66.0				
80		79.5 - 80.0	SC		-66.5				

Log continued on next page

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-435C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-79 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 79-84 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 77-84 ft
Type: 2/12 sand
Quantity: 2 ft
FILTER PACK SEAL
Interval: 75-77 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 0-75 ft
Type: Bentonite grout
Quantity: 75 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

RECORD OF BOREHOLE PL2-435C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-40

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/11/08
DATE COMPLETED: 7/11/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 197,135.1 E: 1,275,498.2
GS ELEVATION: 13.5 ft
TOC ELEVATION: 13.1 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.2 ft
ELEVATION W.L.: 1.9 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
80		Dark gray, fine SAND, little to some Clay, wet, no odor (SC)			80.0					PL2-435C	
		80.0 - 82.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		-68.5					2/12 sand 10-slot screen Centralizer Heave	
	-70	82.0 - 85.0 Dark gray, fine SAND, wet, 1-inch fo gray Clay at 82.5 and 84 ft bgs, no odor (SP)	SP		82.0 -71.5	0.0	17	GRAB	5.0 / 5.0		
85		Boring completed at 85.0 ft									
	-75										
90											
	-80										
95											
	-85										
100											
	-90										
105											
	-95										
110											
	-100										
115											
	-105										
120											

PL2-435C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-79 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 79-84 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 77-84 ft
Type: 2/12 sand
Quantity: 2 ft
FILTER PACK SEAL
Interval: 75-77 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 0-75 ft
Type: Bentonite grout
Quantity: 75 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-440B

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/9/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,450.0 E: 1,275,746.0
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.1 ft
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 11.1 ft
ELEVATION W.L.: 2.1 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
0		0.0 - 1.0 CONCRETE			12.6					Flush-mount	**PL2-440B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-40.5 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 40.5-45.5 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 39.5-45.5 Type: 2/12 Sand Quantity: 6 ft **FILTER PACK SEAL** Interval: 37.5-39.5 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-37.5 ft Type: Bentonite grout Quantity: 34.5 FT
		1.0 - 1.5 SUB-BASE			12.1 1.5					Cement	
5	10	1.5 - 4.0 Black, dark brown, and blue-green, SILTY fine SAND, with fine to coarse Gravel, dry, wood fragments from 3.5 to 4.0 ft bgs, sticky/tarry consistency, tar-like odor (FILL)	SM		9.6	0.0	1	GRAB	5.0 / 5.0		
		4.0 - 5.0 Dark brown, fine GRAVEL, some fine Sand, dry, no odor (FILL)	GP		4.0 8.6						
10	5	5.0 - 7.0 Brown, fine to medium SAND, trace fine Gravel, dry, no odor (SP)	SP		5.0 6.6						
		7.0 - 8.3 Light brown, SILTY fine SAND, dry, no odor (SM)	SM		7.0 5.3	0.0	2	GRAB	5.0 / 5.0	Bentonite chips	
		8.3 - 9.0 Brown, poorly graded, fine SAND, dry, 2-inches of Silt at 8.75 ft bgs, no odor (SP-SM)	SP-SM CL SP		4.6 4.1 3.6						
15	0	9.0 - 9.5 Gray and brown, CLAY, little fine Sand, moist, low plasticity, no odor (CL)			10.0						
		9.5 - 10.0 Brown, poorly graded, fine SAND, wet, no odor (SP)									
20	-5	10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-440C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION.								Centralizer	
25	-10									Bentonite grout	
30	-15										
35	-20									Bentonite chips	
40	-25									Centralizer	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-440B

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/9/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,450.0 E: 1,275,746.0
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.1 ft
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 11.1 ft
ELEVATION W.L.: 2.1 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
40		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-440C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION. *(Continued)*								PL2-440B 2/12 Sand 10-slot screen Centralizer	**PL2-440B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-40.5 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 40.5-45.5 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 39.5-45.5 Type: 2/12 Sand Quantity: 6 ft **FILTER PACK SEAL** Interval: 37.5-39.5 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-37.5 ft Type: Bentonite grout Quantity: 34.5 FT
	-30										
45					-31.4						
		Boring completed at 45.0 ft									
	-35										
50											
	-40										
55											
	-45										
60											
	-50										
65											
	-55										
70											
	-60										
75											
	-65										
80											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-440C

SHEET 1 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

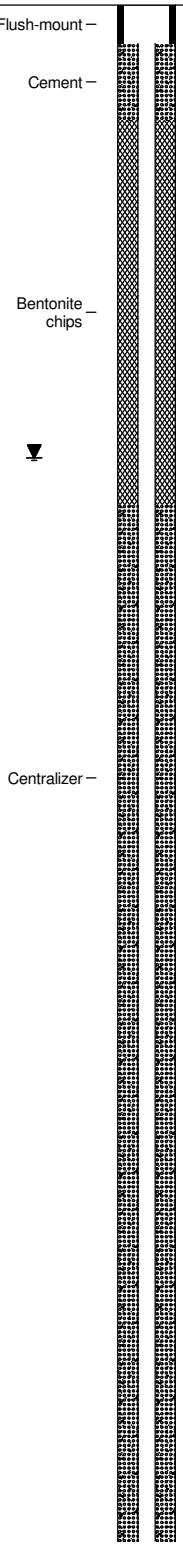
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/7/08
DATE COMPLETED: 7/8/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,451.1 E: 1,275,749.2
GS ELEVATION: 13.5 ft
TOC ELEVATION: 12.9 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.8 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
0	10	0.0 - 1.0 CONCRETE			12.5				
		1.0 - 1.5 SUB-BASE			12.0				
		1.5 - 3.8 Black and dark brown, SILTY fine SAND, some fine Gravel, dy, no odor (FILL)	SM		1.5 9.8	0.0	1	GRAB	3.5/5.0
5		3.8 - 4.0 Black and blue-green, SILTY fine SAND, dry, wood fragments, tar-like odor (FILL)	SM GP		4.0 8.5				
		4.0 - 5.0 Red-brown, fine GRAVEL, some fine SAND, dry, no odor (GP)	SP		5.0 7.5				
		5.0 - 6.0 Red-brown, fine to medium SAND, with fine to medium Gravel, dry, no odor (SP)	SP		6.0 6.5				
		6.0 - 7.0 Brown, poorly graded, fine SAND, dry, no odor (SP)	SM		7.0 5.5	0.0	2	GRAB	5.0/5.0
	5	7.0 - 8.0 Light brown, SILTY fine SAND, dry, no odor (SM)	SP ML CL		5.0 4.5				
10		8.0 - 8.5 Brown, poorly graded, fine SAND, dry, no odor (SP)	SP		3.5				
		8.5 - 9.0 Light brown, fine SANDY SILT, dry, no odor (ML)	CL		10.0 2.5				
		9.0 - 9.3 Gray-brown, CLAY, little fine Sand, moist, low plasticity, no odor (CL)	SP		11.0 1.0	0.0	3	GRAB	5.0/5.0
	0	9.3 - 10.0 Brown, poorly graded, fine SAND, wet at 9.5 ft bgs, no odor (SP)	SP		12.5 -1.5				
15		10.0 - 11.0 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)			15.0				
		11.0 - 12.5 Brown, fine to medium SAND, wet, no odor (SP)							
		12.5 - 15.0 Dark brown, poorly graded, medium SAND, wet, no odor (SP)	SP			0.0	4	GRAB	5.0/5.0
	-5	15.0 - 20.0 Dark brown, poorly graded, fine SAND, wet, no odor (SP)			-6.5				
20		20.0 - 25.0 Dark brown, fine to medium SAND, wet, no odor (SP)	SP		20.0 -11.5	0.0	5	GRAB	5.0/5.0
	-10	25.0 - 30.0 Dark brown, poorly graded, fine SAND, wet, no odor (SP)	SP		25.0 -16.5	0.0	6	GRAB	5.0/5.0
30	-15	30.0 - 35.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		30.0 -21.5	0.0	7	GRAB	5.0/5.0
35	-20	35.0 - 40.0 Dark gray to black, poorly graded, medium SAND, wet no odor (SP)	SP		35.0 -26.5	0.0	8	GRAB	5.0/5.0
40	-25	Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-440C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-80 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 80-85 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 78-85 ft
Type: 2/12 sand
Quantity: 7 ft
FILTER PACK SEAL
Interval: 75.5-78 ft
Type: Bentonite chips
Quantity: 2.5 ft
ANNULUS SEAL
Interval: 0-75.5
Type: Bentonite grout
Quantity: 75.5 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-440C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

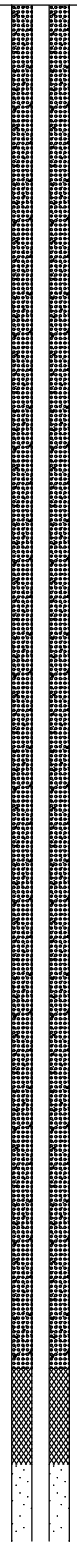
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/7/08
DATE COMPLETED: 7/8/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,451.1 E: 1,275,749.2
GS ELEVATION: 13.5 ft
TOC ELEVATION: 12.9 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.8 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
40		40.0 - 45.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		40.0 -31.5	0.0	9	GRAB	5.0/5.0
45	-30	45.0 - 47.0 Dark gray, fine SANDY SILT, wet, no odor (ML)	ML		45.0 -33.5				
		47.0 - 50.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		47.0 -36.5	0.0	10	GRAB	5.0/5.0
50	-35	50.0 - 55.0 Dark gray to black, medium SAND, wet, some wood fragments at 50 - 51.5 ft bgs, no odor (SP)	SP		50.0 -41.5	0.0	11	GRAB	5.0/5.0
55	-40	55.0 - 60.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		55.0 -46.5	0.0	12	GRAB	5.0/5.0
60	-45	60.0 - 65.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		60.0 -51.5	0.0	13	GRAB	5.0/5.0
65	-50	65.0 - 69.8 Dark gray to black, fine SAND, wet, no odor (SP)	SP		65.0 -56.2	0.0	14	GRAB	5.0/5.0
70	-55	69.8 - 70.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC						
		70.0 - 71.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		70.0 -57.5				
		71.0 - 74.8 Dark gray to black, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		71.0 -61.2	0.0	15	GRAB	5.0/5.0
75	-60	74.8 - 75.0 Dark gray to black, medium SAND, wet, no odor (SP)	SP						
		75.0 - 75.5 Dark gray to black, SILTY fine SAND, wet, soft, no odor (SM)	SM		-62.0 75.5 -63.0				
		75.5 - 76.5 Dark gray to black, CLAY, wet, low plasticity, no odor (CL)	CL		76.5	0.0	16	GRAB	5.0/5.0
80	-65	76.5 - 80.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		-66.5				
		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-440C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-80 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 80-85 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 78-85 ft
Type: 2/12 sand
Quantity: 7 ft
FILTER PACK SEAL
Interval: 75.5-78 ft
Type: Bentonite chips
Quantity: 2.5 ft
ANNULUS SEAL
Interval: 0-75.5
Type: Bentonite grout
Quantity: 75.5 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-440C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/7/08
DATE COMPLETED: 7/8/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,451.1 E: 1,275,749.2
GS ELEVATION: 13.5 ft
TOC ELEVATION: 12.9 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.8 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
80		80.0 - 83.5 Dark gray to black, SILTY fine SAND, wet, some fine shell fragments at 81 ft bgs, no odor (SM)	SM		80.0	0.0	17	GRAB	5.0/5.0	PL2-440C 2/12 sand 10-slot screen Centralizer	**PL2-440C** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-80 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 80-85 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 78-85 ft Type: 2/12 sand Quantity: 7 ft **FILTER PACK SEAL** Interval: 75.5-78 ft Type: Bentonite chips Quantity: 2.5 ft **ANNULUS SEAL** Interval: 0-75.5 Type: Bentonite grout Quantity: 75.5 ft
	-70				-70.0						
		83.5 - 85.0 Dark gray to black, CLAY, wet, low plasticity, no odor (CL)	CL		83.5						
85					-71.5						
		Boring completed at 85.0 ft									
90	-75										
	-80										
95											
	-85										
100											
	-90										
105											
	-95										
110											
	-100										
115											
	-105										
120											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-441B

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/15/08
DATE COMPLETED: 7/15/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,674.8 E: 1,275,481.3
GS ELEVATION: 12.9 ft
TOC ELEVATION: 12.6 ft
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 10.3 ft
ELEVATION W.L.: 2.4 ft
DATE W.L.: 10/15/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
0	10	0.0 - 0.5 CONCRETE			12.4 0.5					Flush-mount	**PL2-441B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-35 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 35-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 37-45 ft Type: 2/12 sand Quantity: 11 ft **FILTER PACK SEAL** Interval: 32-34 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-32 ft Type: Bentonite grout Quantity: 28 ft
		0.5 - 5.0 Brown, poorly graded, medium SAND, dry, cobble-sized fragment of Asphalt at 0.5 ft bgs, no odor (SP)	SP		7.9	0.0	1	GRAB	4.5/5.0	Cement	
5	5	5.0 - 7.0 NO RECOVERY; possible void			5.0 5.9					Bentonite chips	
		7.0 - 9.5 Brown, poorly graded, medium SAND, dry, no odor (SP)	SP		7.0 3.4	0.0	2	GRAB	3.0/5.0		
10	0	9.5 - 10.0 Brown, fine SAND, dry, no odor (SP)	SP		2.9 10.0					▼	
		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-441C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION.									
15	-5										
20	-10									Centralizer Bentonite grout	
25	-15										
30	-20									Bentonite chips	
35	-25										
40		Log continued on next page								2/12 sand	

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-441B

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/15/08
DATE COMPLETED: 7/15/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,674.8 E: 1,275,481.3
GS ELEVATION: 12.9 ft
TOC ELEVATION: 12.6 ft
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 10.3 ft
ELEVATION W.L.: 2.4 ft
DATE W.L.: 10/15/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
40		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-441C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION. *(Continued)*								PL2-441B 10-slot screen Centralizer	**PL2-441B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-35 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 35-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 37-45 ft Type: 2/12 sand Quantity: 11 ft **FILTER PACK SEAL** Interval: 32-34 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-32 ft Type: Bentonite grout Quantity: 28 ft
45	-30				-32.1						
50	-35	Boring completed at 45.0 ft									
55	-40										
60	-45										
65	-50										
70	-55										
75	-60										
80	-65										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-441C

SHEET 1 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/15/08
DATE COMPLETED: 7/15/08
WEATHER: Sunny

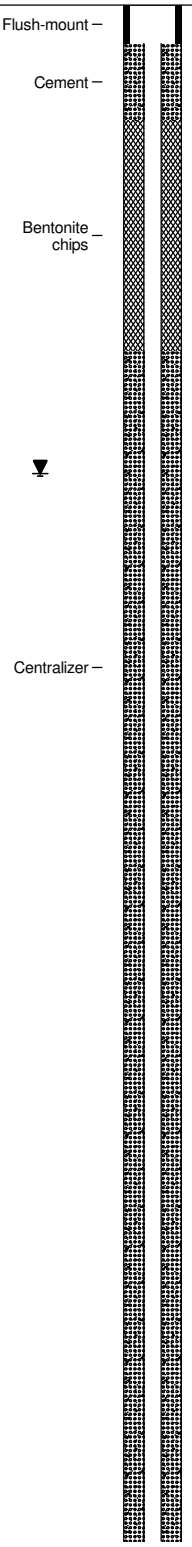
DATUM: Geodetic
COORDS: N: 197,678.6 E: 1,275,478.1
GS ELEVATION: 12.9 ft
TOC ELEVATION: 12.5 ft
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 0.3 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 0.5 CONCRETE			12.4				
			SM		11.9				
		0.5 - 1.0 Light brown, SILTY fine SAND, dry, root material, no odor (SM)			1.0				
	10	1.0 - 3.5 Brown, fine to medium SAND, dry, no odor (SP)	SP			0.0	1	GRAB	4.5/5.0
					9.4				
		3.5 - 4.0 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM		8.9				
		4.0 - 5.0 Gray, fine to medium SAND, dry, no odor (SP)	SP		4.0 7.9				
5		5.0 - 8.0 Brown, poorly graded, medium SAND, dry, no odor (SP)	SP		5.0				
	5				4.9	0.0	2	GRAB	5.0/5.0
		8.0 - 9.0 Dark brown, fine SANDY SILT, dry, no odor (ML)	ML		8.0 3.9				
		9.0 - 9.8 Gray, CLAY, little fine SAND, moist, low plasticity, no odor (CL)	CL		3.2				
10		9.8 - 11.0 Dense, gray, CLAYEY fine SAND, wet at 11.0 ft bgs, no odor (SC)	SC		9.8 1.9				
		11.0 - 12.0 Light gray, CLAY, wet, low plasticity, no odor (CL)	CL		11.0 0.9				
	0	12.0 - 15.0 Dark gray, poorly graded, fine SAND,wet, no odor (SP)	SP		12.0	0.0	3	GRAB	5.0/5.0
					-2.1				
15		15.0 - 20.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		15.0				
	-5					0.0	4	GRAB	5.0/5.0
					-7.1				
20		20.0 - 25.0 Dark gray, medium SAND, wet, no odor (SP)	SP		20.0				
	-10					0.0	5	GRAB	5.0/5.0
					-12.1				
25		25.0 - 30.0 Dark gray, medium SAND, wet, no odor (SP)	SP		25.0				
	-15					0.0	6	GRAB	5.0/5.0
					-17.1				
30		30.0 - 31.5 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		30.0 -18.6				
		31.5 - 35.0 Dark gray to black, coarse SAND, some fine Gravel, wet, no odor (SP)	SP		31.5	0.0	7	GRAB	5.0/5.0
	-20				-22.1				
35		35.0 - 39.5 Dark gray to black, coarse SAND and fine well-rounded GRAVEL, wet, 1/2-inch gray low plasticity Clay at 39 ft bgs, no odor (SP)	SP		35.0				
	-25					0.0	8	GRAB	5.0/5.0
					-26.6				
40		39.5 - 40.0	SP		-27.1				

Log continued on next page

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-441C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-77 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 77-82 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 75-82 ft
Type: 2/12 sand
Quantity: 7 ft
FILTER PACK SEAL
Interval: 73-75 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 0-73 ft
Type: Bentonite grout
Quantity: 73 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-441C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/15/08
DATE COMPLETED: 7/15/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,678.6 E: 1,275,478.1
GS ELEVATION: 12.9 ft
TOC ELEVATION: 12.5 ft
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 0.3 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES — PL2-441C	WELL CONSTRUCTION DETAILS
40		Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)			40.0					Centralizer	**PL2-441C** Borehole Diameter: 8-inch
		40.0 - 42.0 Dark gray to black, SILTY fine SAND, wet, little organic matter, no odor (SM)	SM		-29.1					Bentonite grout	**WELL CASING** Interval: 0-77 ft; Material: PVC; Diameter: 2-inch; Joint Type: Threaded
	-30	42.0 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		42.0 -32.1	0.0	9	GRAB	5.0/5.0		**WELL SCREEN** Interval: 77-82 ft; Material: PVC; Diameter: 2-inch; Slot Size: 0.010-inch; End Cap: Flush
45		45.0 - 49.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		45.0	0.0	10	GRAB	5.0/5.0		**FILTER PACK** Interval: 75-82 ft; Type: 2/12 sand; Quantity: 7 ft
	-35										**FILTER PACK SEAL** Interval: 73-75 ft; Type: Bentonite chips; Quantity: 2 ft
		49.0 - 50.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		-37.1						**ANNULUS SEAL** Interval: 0-73 ft; Type: Bentonite grout; Quantity: 73 ft
50		49.5 - 49.7 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		50.0						
		49.7 - 49.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-39.1						
	-40	50.0 - 52.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		52.0	0.0	11	GRAB	5.0/5.0		
		52.0 - 55.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-42.1						
55		55.0 - 58.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0 -45.1	0.0	12	GRAB	5.0/5.0	Centralizer	
	-45	58.0 - 59.5 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		58.0 -46.6						
		59.5 - 60.0	SP		-47.1						
60		Dark gray to black, poorly graded, fine SAND, wet, no odor (SP) 60.0 - 63.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		60.0 -50.1	0.0	13	GRAB	5.0/5.0		
	-50	63.0 - 63.8 Gray, fine SANDY CLAY, wet, low plasticity, no odor, (CL)	CL		-50.9						
		63.8 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		63.8 -52.1						
65		65.0 - 66.5 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		65.0 -53.6						
		66.5 - 68.5 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		66.5 -55.6	0.0	14	GRAB	5.0/5.0		
	-55	68.5 - 69.3 Gray, SILT, wet, no odor (ML)	ML		-56.4						
		69.3 - 70.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-57.1						
70		70.0 - 75.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		70.0 -62.1	0.0	15	GRAB	5.0/5.0	Bentonite chips	
	-60										
75		75.0 - 80.0 NO RECOVERY: dark gray silt fell out of the liner as sampler was removed from borehole			75.0 -67.1		16	GRAB	0.0/5.0	Centralizer	
	-65									2/12 sand	
80										10-slot screen	

Log continued on next page

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

RECORD OF BOREHOLE PL2-441C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

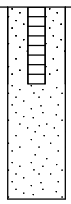
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/15/08
DATE COMPLETED: 7/15/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,678.6 E: 1,275,478.1
GS ELEVATION: 12.9 ft
TOC ELEVATION: 12.5 ft
TEMPERATURE: 78 F

INCLINATION: -90
DEPTH W.L.: 12.2 ft
ELEVATION W.L.: 0.3 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
80		80.0 - 82.0 Dark gray, fine SANDY SILT and CLAY, wet, fine shell fragments at 80 ft bgs, no odor (CL-ML)	CL-ML		80.0 -69.1				
	-70	82.0 - 82.5 Gray, CLAY, little fine Sand, wet, low plasticity, no odor (CL)	CL		-69.6	0.0	14	GRAB	5.0 / 5.0
		82.5 - 84.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		82.5 -71.6				
85		84.5 - 85.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		-72.1				
		Boring completed at 85.0 ft							
90	-75								
95	-80								
100	-85								
105	-90								
110	-95								
115	-100								
120	-105								

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-441C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-77 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 77-82 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 75-82 ft
Type: 2/12 sand
Quantity: 7 ft
FILTER PACK SEAL
Interval: 73-75 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 0-73 ft
Type: Bentonite grout
Quantity: 73 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

RECORD OF BOREHOLE PL2-442B

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/14/08
WEATHER: Inside Bldg

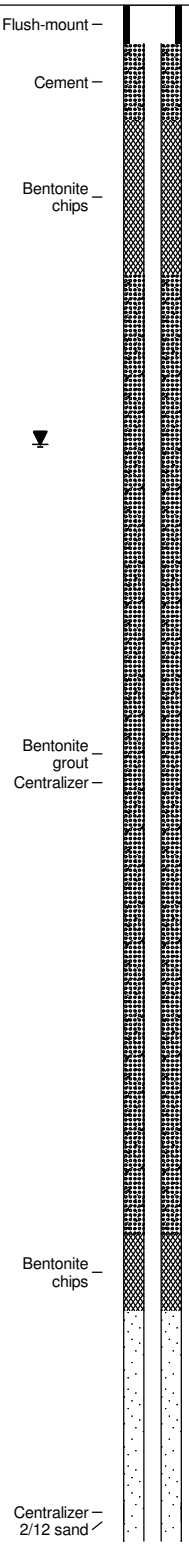
DATUM: Geodetic
COORDS: N: 196,749.5 E: 1,275,014.0
GS ELEVATION: 12.9 ft
TOC ELEVATION: 12.5 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.4 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 10/23/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 0.5 CONCRETE			12.4 0.5				
		0.5 - 3.0 Light brown, fine to medium SAND, dry, no odor (SP)	SP		9.9	0.0	1	GRAB	4.5/5.0
	10	3.0 - 4.0 Gray-brown, SILT, little to some fine Sand, dry, no odor (ML)	ML		3.0 8.9				
		4.0 - 4.5 Gray and brown mottled, CLAY, dry, low plasticity, no odor (CL)	CL SP-SM		8.4 7.9				
5		4.5 - 5.0 Red-brown, fine SAND, little Silt, dry, no odor (SP-SM)	SP CL		6.9				
		5.0 - 5.3 Light brown, fine to medium SAND, dry, no odor (SP)	SP CL		6.3				
	5	5.3 - 5.4 Gray-brown, CLAY, dry, low plasticity, no odor (CL)	CL			0.0	2	GRAB	5.0/5.0
		5.4 - 6.0 Light brown, fine to medium SAND, dry, no odor (SP)							
		6.0 - 6.3 Gray and brown mottled, CLAY, some fine Sand, dry, low plasticity, no odor (CL)	SP CL		3.4 10.0				
10		6.3 - 9.5 Red-brown fine SAND and gray CLAY, rhythmic laminations, dry, low plasticity, no odor (CL)							
	0	9.5 - 9.8 Dark gray, poorly graded, fine SAND, moist, no odor (SP)							
		9.8 - 10.0 Dark gray, CLAY, moist, low plasticity, no odor (CL)							
15		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-442C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION.							
	-5								
20									
	-10								
25									
	-15								
30									
	-20								
35									
	-25								
40									

Log continued on next page

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-442B
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-35 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 35-45 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 34-45 ft
Type: 2/12 sand
Quantity: 11 ft
FILTER PACK SEAL
Interval: 32-34 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 3-32 ft
Type: Bentonite grout
Quantity: 28 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-442B

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/14/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,749.5 E: 1,275,014.0
GS ELEVATION: 12.9 ft
TOC ELEVATION: 12.5 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 11.4 ft
ELEVATION W.L.: 1.1 ft
DATE W.L.: 10/23/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
40		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-442C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION. *(Continued)*								PL2-442B 10-slot screen	**PL2-442B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-35 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 35-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 34-45 ft Type: 2/12 sand Quantity: 11 ft **FILTER PACK SEAL** Interval: 32-34 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-32 ft Type: Bentonite grout Quantity: 28 ft
-30											
45					-32.1						
		Boring completed at 45.0 ft									
-35											
50											
-40											
55											
-45											
60											
-50											
65											
-55											
70											
-60											
75											
-65											
80											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-442C

SHEET 1 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

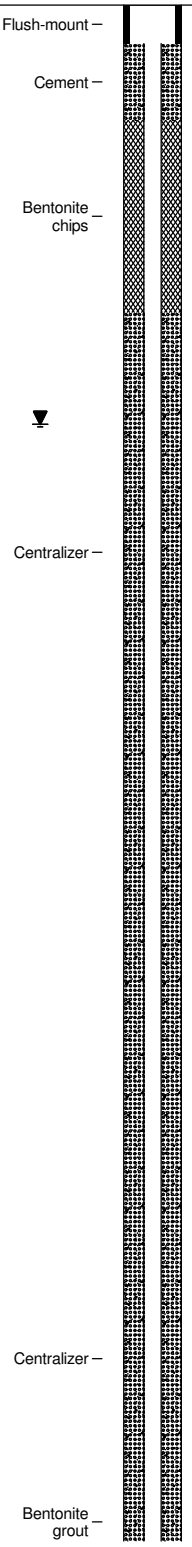
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/14/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,751.7 E: 1,275,009.7
GS ELEVATION: 13.0 ft
TOC ELEVATION: 12.4 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 10.9 ft
ELEVATION W.L.: 1.5 ft
DATE W.L.: 8/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 0.5 CONCRETE			12.5 0.5				
		0.5 - 2.9 Light brown, SILTY fine SAND, dry, no odor (SM)	SM		10.1	0.0	1	GRAB	4.5 5.0
	10	2.9 - 3.0 Very light brown, medium SAND, dry, no odor (SP)	SP		9.5				
		3.0 - 3.5 Red-brown, SILTY fine SAND, dry, no odor (SM)	SM SP		3.5 8.0				
5		3.5 - 5.0 Red-brown, fine SAND, dry, Silty fine Sand lense at 4.75 ft bgs, no odor (SP)	SM		5.0				
		5.0 - 7.5 Brown, fine SAND, some Silt, dry, no odor (SM)			5.5				
	5	7.5 - 8.0 Brown, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL		5.0	0.0	2	GRAB	5.0 5.0
		8.0 - 9.0 Brown, SILTY fine SAND, dry, no odor (SM)	SM		8.0 4.0				
10		9.0 - 9.3 Gray, fine SANDY CLAY, dry, low plasticity, no odor (CL)	CL		3.0				
		9.3 - 10.0 Gray-brown, CLAY, dry, low plasticity, no odor (CL)	SM		10.0				
		10.0 - 12.0 Brown, fine SAND, little to some Silt, dry, no odor (SM)			0.9				
	0	12.0 - 17.0 Gray, fine SAND, wet at 14 ft bgs, sheen, strong diesel odor (SP)	SP		12.0	80.3	3	GRAB	5.0 5.0
15					-4.1				
	-5	17.0 - 20.0 Gray, fine to medium SAND, wet, sheen, strong diesel odor (SP)	SP		17.0 -7.1	246	4	GRAB	5.0 5.0
20		20.0 - 25.0 Gray, fine to medium SAND, wet, no sheen, strong diesel odor (SP)	SP		20.0 -12.1	48.4	5	GRAB	5.0 5.0
25	-15	25.0 - 30.0 Dark gray to black, medium to coarse SAND, wet, slight diesel odor (SP)	SP		25.0 -17.1	0.0	6	GRAB	5.0 5.0
30	-20	30.0 - 35.0 Dark gray to black, medium to coarse SAND, wet, slight diesel odor (SP)	SP		30.0 -22.1	2.6	7	GRAB	5.0 5.0
35	-25	35.0 - 40.0 Dark gray to black, medium to coarse SAND, wet, slight diesel odor (SP)	SP		35.0 -27.1	26.2	8	GRAB	5.0 5.0
40		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-442C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-75.5 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 75.5-80.5 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 73-80.5 ft
Type: 2/12 sand
Quantity: 7.5 ft
FILTER PACK SEAL
Interval: 70-73 ft
Type: Bentonite chips
Quantity: 3 ft
ANNULUS SEAL
Interval: 3-70 ft
Type: Bentonite grout
Quantity: 67 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-442C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

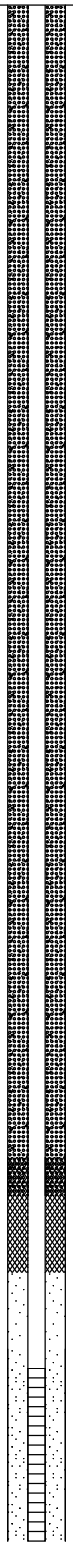
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/14/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,751.7 E: 1,275,009.7
GS ELEVATION: 13.0 ft
TOC ELEVATION: 12.4 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 10.9 ft
ELEVATION W.L.: 1.5 ft
DATE W.L.: 8/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
40		40.0 - 43.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		40.0 -30.1	0.0	9	GRAB	5.0/5.0
	-30	43.0 - 45.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		43.0 -32.1				
45		45.0 - 48.0 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		45.0 -35.1	0.0	10	GRAB	5.0/5.0
	-35	48.0 - 50.0 Dark gray, poorly graded, fine SAND, wet, 1-inch gray low plasticity Clay at 49 ft bgs, no odor (SP)	SP		48.0 -37.1				
50		50.0 - 52.5 Gray, CLAY, some fine SAND, wet, low plasticity, no odor (CL)	CL		50.0 -39.6	0.0	11	GRAB	5.0/5.0
	-40	52.5 - 55.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		52.5 -42.1				
55		55.0 - 60.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0 -47.1	0.0	12	GRAB	5.0/5.0
60	-45	60.0 - 63.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		60.0 -50.1	0.0	13	GRAB	5.0/5.0
	-50	63.0 - 65.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		63.0 -52.1				
65		65.0 - 67.0 Gray, SILTY fine SAND, wet, no odor (SM)	SM		65.0 -54.1				
	-55	67.0 - 70.0 Dark gray to black, fine SAND, wet, 1-inch Sandy Clay at 69 ft bgs, no odor (SP)	SP		67.0 -57.1	0.0	14	GRAB	5.0/5.0
70		70.0 - 73.0 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		70.0 -60.1	0.0	15	GRAB	5.0/5.0
	-60	73.0 - 75.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		73.0 -62.1				
75		75.0 - 80.0 Dark gray to black, fine to medium SAND, wet, no odor (SP) (PROBABLE SLOUGH/HEAVE)	SP		75.0 -67.1	0.0	16	GRAB	5.0/5.0
	-65								
80		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-442C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-75.5 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 75.5-80.5 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 73-80.5 ft
Type: 2/12 sand
Quantity: 7.5 ft
FILTER PACK SEAL
Interval: 70-73 ft
Type: Bentonite chips
Quantity: 3 ft
ANNULUS SEAL
Interval: 3-70 ft
Type: Bentonite grout
Quantity: 67 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-442C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/14/08
DATE COMPLETED: 7/14/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,751.7 E: 1,275,009.7
GS ELEVATION: 13.0 ft
TOC ELEVATION: 12.4 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 10.9 ft
ELEVATION W.L.: 1.5 ft
DATE W.L.: 8/6/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
80		80.0 - 85.0 Dark gray to black, fine to medium SAND, wet, no odor (SP) (PROBABLE SLOUGH/HEAVE)	SP		80.0 -72.1	0.0	17	GRAB	5.0 / 5.0	PL2-442C Heave –	PL2-442C Borehole Diameter: 8-inch **WELL CASING** Interval: 0-75.5 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 75.5-80.5 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 73-80.5 ft Type: 2/12 sand Quantity: 7.5 ft **FILTER PACK SEAL** Interval: 70-73 ft Type: Bentonite chips Quantity: 3 ft **ANNULUS SEAL** Interval: 3-70 ft Type: Bentonite grout Quantity: 67 ft
	-70										
85		Boring completed at 85.0 ft									
	-75										
90											
	-80										
95											
	-85										
100											
	-90										
105											
	-95										
110											
	-100										
115											
	-105										
120											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

RECORD OF BOREHOLE PL2-443B

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

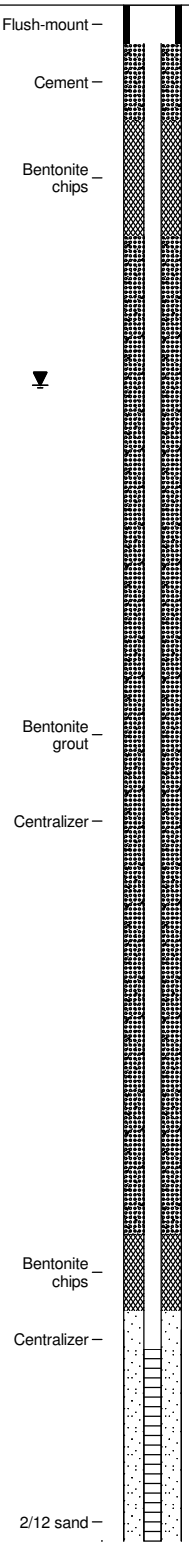
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,832.6 E: 1,274,801.0
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 9.9 ft
ELEVATION W.L.: 3.1 ft
DATE W.L.: 10/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT
0	10	0.0 - 0.5 CONCRETE			12.9 0.5				
		0.5 - 5.0 Orange-brown, fine SAND, little to some Silt, dry, no odor (SM)	SM		8.4	0.0	1	GRAB	4.5/5.0
5	5	5.0 - 6.0 Orange-brown, fine SAND, little to some Silt, dry, no odor (SM)	SM		5.0 7.4				
		6.0 - 9.5 Dark brown, poorly graded, medium SAND, dry, no odor (SP)	SP		6.0 3.9	0.0	2	GRAB	5.0/5.0
10	0	9.5 - 10.0 Brown and gray, CLAY, some fine Sand, dry, low plasticity, no odor (CL)	CL		3.4 10.0				
		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-443C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION.							
15	-5								
20	-10								
25	-15								
30	-20								
35	-25								
40		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-443B
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-35 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 35-45 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 34-45 ft
Type: 2/12 sand
Quantity: 11 ft
FILTER PACK SEAL
Interval: 32-34 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 3-32 ft
Type: Bentonite grout
Quantity: 28 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-443B

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,832.6 E: 1,274,801.0
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 9.9 ft
ELEVATION W.L.: 3.1 ft
DATE W.L.: 10/27/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
40		10.0 - 45.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-443C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION. *(Continued)*								PL2-443B 10-slot screen	**PL2-443B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-35 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 35-45 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 34-45 ft Type: 2/12 sand Quantity: 11 ft **FILTER PACK SEAL** Interval: 32-34 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-32 ft Type: Bentonite grout Quantity: 28 ft
-30											
45					-31.6						
		Boring completed at 45.0 ft									
-35											
50											
-40											
55											
-45											
60											
-50											
65											
-55											
70											
-60											
75											
-65											
80											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-443C

SHEET 1 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,836.8 E: 1,274,797.4
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.6 ft
DATE W.L.: 8/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES — PL2-443C	WELL CONSTRUCTION DETAILS
0		0.0 - 0.5 CONCRETE			12.9 0.5					Flush-mount	**PL2-443C** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-70 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 70-75 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 67-75 ft Type: 2/12 sand Quantity: 8 ft **FILTER PACK SEAL** Interval: 65-67 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-65 ft Type: Bentonite grout Quantity: 62 ft
		0.5 - 3.8 Orange-brown, fine SAND, little to some Silt, dry, no odor (SM)	SM			0.0	1	GRAB	4.5/5.0	Cement	
	10				9.7						
		3.8 - 3.9 Orange-brown, SILT, dry, no odor (ML)	ML SM		3.9 8.4						
5		3.9 - 5.0 Orange-brown, fine SAND, little to some Silt, dry, no odor (SM)	SM		5.0 7.4						
		5.0 - 6.0 Orange-brown, fine SAND, little to some Silt, dry, no odor (SM)			6.0					Bentonite chips	
		6.0 - 9.5 Dark brown, poorly graded, medium SAND, dry, no odor (SP)	SP			0.0	2	GRAB	5.0/5.0		
	5				3.9						
10		9.5 - 10.0	CL		3.4						
		Brown and light gray, CLAY, some fine Sand, dry, low plasticity, no odor (CL)			10.0					Centralizer	
		10.0 - 12.0 Light brown, fine to medium SAND, some fine Gravel, moist at 12 ft bgs, no odor (SP)	SP		1.4						
		12.0 - 15.0 Gray-brown, fine SAND, little Silt, wet, no odor (SP-SM)	SP-SM		12.0	0.0	3	GRAB	5.0/5.0		
	0				-1.6						
15		15.0 - 15.5 Orange-brown, poorly graded, fine SAND, wet, no odor (SP)	SP CL		-2.1						
		15.5 - 15.8 Light brown, CLAY, wet, low plasticity, no odor (CL)	SP		15.8						
		15.8 - 18.0 Orange-brown, poorly graded, fine SAND, wet, no odor (SP)			-4.6	0.0	4	GRAB	5.0/5.0		
	-5	18.0 - 20.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		18.0 -6.6						
20		20.0 - 25.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		20.0 -11.6	0.0	5	GRAB	5.0/5.0		
25	-10	25.0 - 30.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		25.0 -16.6	0.0	6	GRAB	5.0/5.0		
30	-15	30.0 - 33.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		30.0 -19.6	0.0	7	GRAB	5.0/5.0	Centralizer	
	-20	33.0 - 35.0 Dark gray to black, coarse SAND, trace fine Gravel, wet, no odor (SP)	SP		33.0 -21.6						
35		35.0 - 37.0 Dark gray to black, coarse SAND, trace fine Gravel, wet, no odor (SP)	SP		35.0 -23.6					Bentonite grout	
		37.0 - 40.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		37.0 -26.6	0.0	8	GRAB	5.0/5.0		
40	-25	Log continued on next page									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-443C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

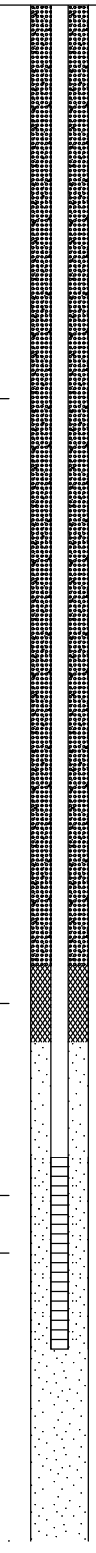
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,836.8 E: 1,274,797.4
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.6 ft
DATE W.L.: 8/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
40		40.0 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		40.0 -31.6	0.0	9	GRAB	5.0/5.0
45	-30	45.0 - 50.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		45.0 -36.6	0.0	10	GRAB	5.0/5.0
50	-35	50.0 - 53.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		50.0 -40.1	0.0	11	GRAB	5.0/5.0
	-40	53.5 - 53.8 Gray, SILT, some fine Sand, wet, no odor (ML)	ML		53.8				
		53.8 - 55.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-41.6				
55		55.0 - 59.5 Dark gray to black, fine to medium SAND, trace organic matter, wet, no odor (SP)	SP		55.0 -46.1	0.0	12	GRAB	5.0/5.0
	-45	59.5 - 60.0 Light gray, fine SAND, trace Silt, wet, no odor (SP)	SP		-46.6				
60		60.0 - 65.0 Dark gray , poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -51.6	0.0	13	GRAB	5.0/5.0
65	-50	65.0 - 69.0 Dark gray, fine SAND, little to some Silt, wet, no odor (SM)	SM		65.0 -55.6	0.0	14	GRAB	5.0/5.0
	-55	69.0 - 70.0 Dark gray to black, poorly graded, medium SAND, wet, no odor (SP)	SP		69.0 -56.6				
70		70.0 - 71.0 Dark gray, fine SAND, some Silt, wet, no odor (SM)	SM		70.0 -57.6				
		71.0 - 72.5 Gray, CLAY, wet, low plasticity, no odor (CL)	CL		71.0 -59.1	0.0	15	GRAB	5.0/5.0
	-60	72.5 - 74.5 Dark gray, SILTY fine SAND, wet, no odor (SM)	SM		72.5 -61.1				
		74.5 - 75.0 Light gray, SILTY fine SAND, wet, no odor (SM)	SM		-61.6				
75		75.0 - 78.0 Gray, fine SANDY CLAY, wet, shell fragments at 78 ft bgs, low plasticity, no odor (CL)	CL		75.0 -64.6	0.0	16	GRAB	5.0/5.0
	-65	78.0 - 80.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		78.0 -66.6				
80		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-443C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-70 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 70-75 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 67-75 ft
Type: 2/12 sand
Quantity: 8 ft
FILTER PACK SEAL
Interval: 65-67 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 3-65 ft
Type: Bentonite grout
Quantity: 62 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-443C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: Bldg 2-41, along bulkhead

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/9/08
WEATHER: Inside Bldg

DATUM: Geodetic
COORDS: N: 196,836.8 E: 1,274,797.4
GS ELEVATION: 13.4 ft
TOC ELEVATION: 13.0 ft
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 12.4 ft
ELEVATION W.L.: 0.6 ft
DATE W.L.: 8/7/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
80		80.0 - 85.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		80.0	0.0	17	GRAB	5.0/5.0	Heave PL2-443C	**PL2-443C** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-70 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 70-75 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 67-75 ft Type: 2/12 sand Quantity: 8 ft **FILTER PACK SEAL** Interval: 65-67 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-65 ft Type: Bentonite grout Quantity: 62 ft
85	-70	Boring completed at 85.0 ft			-71.6						
90	-75										
95	-80										
100	-85										
105	-90										
110	-95										
115	-100										
120	-105										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

RECORD OF BOREHOLE PL2-608A

SHEET 1 of 1

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 21.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

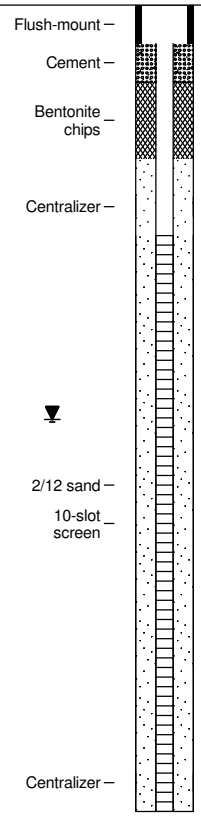
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/9/08
DATE COMPLETED: 7/9/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,129.3 E: 1,276,102.8
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.2 ft
TEMPERATURE: 72 F

INCLINATION: -90
DEPTH W.L.: 10.8 ft
ELEVATION W.L.: 2.4 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 0.5 CONCRETE			13.1 0.5				
		0.5 - 2.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		11.6				
		2.0 - 5.0 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		2.0 8.6	0.0	1	GRAB	4.5/5.0
5		5.0 - 5.5 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		8.1 5.5				
		5.5 - 8.0 Gray, fine SANDY SILT, moist at 6.5 ft bgs, no odor (ML)	ML		5.6	0.0	2	GRAB	5.0/5.0
		8.0 - 8.3 Gray, CLAY, some fine Sand, wet at 8.25 ft bgs, low plasticity, no odor (CL)	CL SP		8.3 4.4				
10		8.3 - 9.3 Gray, poorly graded, fine SAND, wet, no odor (SP)	SC		3.6 10.0				
		9.3 - 10.0 Gray, CLAYEY fine SAND, wet, no odor (SC)							
		10.0 - 21.0 Soil logging stopped at 10.0 ft bgs in this borehole. SEE PL2-608C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION.							
15									
20					-7.4				
		Boring completed at 21.0 ft							
25									
30									
35									
40									

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-608A
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-6 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 6-21 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 4-21 ft
Type: 2/12 sand
Quantity: 17 ft
FILTER PACK SEAL
Interval: 2-4 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 0-2 ft
Type: Cement
Quantity: 2 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-608C

SHEET 1 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

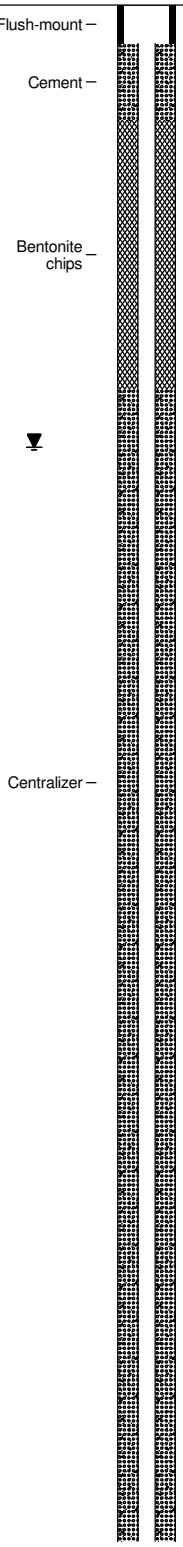
DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/8/08
DATE COMPLETED: 7/8/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,122.5 E: 1,276,101.6
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.3 ft
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 11.5 ft
ELEVATION W.L.: 1.7 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	PID (ppm)	NUMBER	TYPE	REC / ATT
0		0.0 - 0.5 CONCRETE			13.1 0.5				
		0.5 - 2.0 Light brown, poorly graded, fine SAND, dry, no odor (SP)	SP		11.6				
		2.0 - 5.0 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		2.0 8.6	0.0	1	GRAB	4.5/5.0
5		5.0 - 5.5 Dark brown, fine to medium SAND, dry, no odor (SP)	SP		8.1				
		5.5 - 8.0 Gray, fine SANDY SILT, moist at 6.0 ft bgs, no odor (ML)	ML		5.5 5.6	0.0	2	GRAB	5.0/5.0
		8.0 - 8.3 Gray, CLAY, some fine Sand,wet at 8.0 ft bgs, low plasticity, no odor (CL)	CL SP		4.6				
10		8.3 - 9.0 Gray, poorly graded, fine SAND, wet, no odor (SP)	SC		9.0 3.6				
		9.0 - 10.0 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC		10.0				
		10.0 - 13.0 Gray, CLAYEY fine SAND, wet, no odor (SC)			0.6	0.0	3	GRAB	5.0/5.0
15		13.0 - 15.0 Gray, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		13.0 -1.4				
		15.0 - 16.5 Gray, CLAYEY fine SAND, wet, no odor (SC)	SC		15.0 -2.9				
		16.5 - 19.0 Light gray, CLAY, trace fine Sand, wet, low plasticity, no odor (CL)	CL		16.5 -5.4	0.0	4	GRAB	5.0/5.0
20		19.0 - 19.8 Gray, SILT, some fine Sand, wet, no odor (ML)	ML SP		-6.1				
		19.8 - 20.0 Dark gray, poorly graded, fine SAND, wet, no odor (SP)			20.0				
		20.0 - 25.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		-11.4	0.0	5	GRAB	5.0/5.0
25		25.0 - 27.0 Dark gray, fine SAND, some Silt, wet, no odor (SM)	SM		25.0 -13.4				
		27.0 - 29.5 Black, SILTY fine SAND, some organic matter, wet, no odor (SM)	SM		27.0 -15.9	0.0	6	GRAB	5.0/5.0
30		29.5 - 30.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		-16.4				
		30.0 - 35.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		30.0 -21.4	0.0	7	GRAB	5.0/5.0
35		35.0 - 40.0 Dark gray, fine to medium SAND, wet, no odor (SP)	SP		35.0 -26.4	0.0	8	GRAB	5.0/5.0
40		Log continued on next page							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

PL2-608C
Borehole Diameter: 8-inch
WELL CASING
Interval: 0-79 ft
Material: PVC
Diameter: 2-inch
Joint Type: Threaded
WELL SCREEN
Interval: 79-84 ft
Material: PVC
Diameter: 2-inch
Slot Size: 0.010-inch
End Cap: Flush
FILTER PACK
Interval: 78-84 ft
Type: 21/12 sand
Quantity: 6 ft
FILTER PACK SEAL
Interval: 76-78 ft
Type: Bentonite chips
Quantity: 2 ft
ANNULUS SEAL
Interval: 0-76 ft
Type: Bentonite grout
Quantity: 76 ft

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-608C

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/8/08
DATE COMPLETED: 7/8/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,122.5 E: 1,276,101.6
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.3 ft
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 11.5 ft
ELEVATION W.L.: 1.7 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES PL2-608C	WELL CONSTRUCTION DETAILS
40		40.0 - 45.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		40.0 -31.4	0.0	9	GRAB	5.0/5.0	Cetnralizer Bentonite grout	**PL2-608C** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-79 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 79-84 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 78-84 ft Type: 21/12 sand Quantity: 6 ft **FILTER PACK SEAL** Interval: 76-78 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 0-76 ft Type: Bentonite grout Quantity: 76 ft
-30											
45		45.0 - 49.0 Dark gray to black, fine SAND, some Silt, wet, no odor (SM)	SM		45.0 -35.4	0.0	10	GRAB	5.0/5.0		
-35		49.0 - 50.0 Dark gray, SILT, little to some fine Sand, wet, no odor (ML)	ML		49.0 -36.4						
50		50.0 - 53.0 Dark gray, fine SAND and SILT, wet, no odor (SM)	SM		50.0 -39.4	0.0	11	GRAB	5.0/5.0		
-40		53.0 - 55.0 Dark gray to black, medium to coarse SAND, wet, no odor (SP)	SP		53.0 -41.4						
55		55.0 - 59.5 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		55.0 -45.9	0.0	12	GRAB	5.0/5.0		
-45		59.5 - 60.0 Dark gray to black, fine to medium SAND, wet, no odor (SP)	SP		-46.4						
60		60.0 - 63.5 Dark gray, poorly graded, fine SAND, wet, no odor (SP)	SP		60.0 -49.9	0.0	13	GRAB	5.0/5.0	Centralizer	
-50		63.5 - 65.0 Dark gray, CLAYEY fine SAND, wet, no odor (SC)	SC		63.5 -51.4						
65		65.0 - 70.0 LITTLE RECOVERY; dark gray to black, fine SAND, wet, no odor (SP)	SP		65.0 -56.4	0.0	14	GRAB	2.5/5.0		
-55											
70		70.0 - 73.0 Dark gray to black, fine SAND, wet, no odor (SP)	SP		70.0 -59.4	0.0	15	GRAB	5.0/5.0		
-60		73.0 - 75.0 Dark gray to black, fine SANDY CLAY, wet, low plasticity, no odor (CL)	CL		73.0 -61.4						
75		75.0 - 78.0 Dark gray to black, SILTY fine SAND, wet, no odor (SM)	SM		75.0 -64.4	0.0	16	GRAB	5.0/5.0	Bentonite chips	
-65		78.0 - 79.0 Dark gray to black, CLAY, wet, low plasticity, no odor (CL)	CL		78.0 -65.4						
80		79.0 - 80.0 Dark brown to black, CLAYEY fine SAND, wet, no odor (SC)	SC		79.0 -66.4						
		Log continued on next page									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

RECORD OF BOREHOLE PL2-608C

SHEET 3 of 3

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 85.0 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/8/08
DATE COMPLETED: 7/8/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,122.5 E: 1,276,101.6
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.3 ft
TEMPERATURE: 74 F

INCLINATION: -90
DEPTH W.L.: 11.5 ft
ELEVATION W.L.: 1.7 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
80		80.0 - 83.0 Dark gray to black, poorly graded, fine SAND, wet, no odor (SP)	SP		80.0 -69.4	0.0	17	GRAB	5.0 5.0	PL2-608C 21/12 sand 10-slot screen Centralizer Heave	**PL2-608C** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-79 ft Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 79-84 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 78-84 ft Type: 21/12 sand Quantity: 6 ft **FILTER PACK SEAL** Interval: 76-78 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 0-76 ft Type: Bentonite grout Quantity: 76 ft
-70		83.0 - 85.0 Dark gray, fine SANDY CLAY, wet, low plasticity, fine shell fragments at 83 ft bgs, no odor (CL)	CL		83.0 -71.4						
85		Boring completed at 85.0 ft									
-75											
90											
-80											
95											
-85											
100											
-90											
105											
-95											
110											
-100											
115											
-105											
120											

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Cascade Drilling Inc
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

RECORD OF BOREHOLE PL2-608B

SHEET 1 of 2

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.5 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/11/08
DATE COMPLETED: 7/11/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,125.1 E: 1,276,107.4
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.2 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 10.9 ft
ELEVATION W.L.: 2.3 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
0	10	0.0 - 45.5 SEE PL2-608C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRIPTION								PL2-608B Fluch-mount Cement Bentonite chips Centralizer Bentonite grout Bentonite chips	**PL2-608B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-40.5 Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 40.5-45.5 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 38-45.5 ft Type: 2/12 sand Quantity: 7.5 ft **FILTER PACK SEAL** Interval: 36-38 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-36 ft Type: Bentonite grout Quantity: 33 ft
5	5										
10	0										
15	-5										
20	-10										
25	-15										
30	-20										
35	-25										
40		Log continued on next page									

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Caribbean Drilling Services
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 11/13/09

RECORD OF BOREHOLE PL2-608B

PROJECT: Boeing Plant II 2-40s DGI
PROJECT NUMBER: 013-1646-008-200
DRILLED DEPTH: 45.5 ft
AZIMUTH: N/A
LOCATION: 2-40s Parking Lot

DRILL METHOD: Geoprobe
DRILL RIG: 6600
DATE STARTED: 7/11/08
DATE COMPLETED: 7/11/08
WEATHER: Sunny

DATUM: Geodetic
COORDS: N: 197,125.1 E: 1,276,107.4
GS ELEVATION: 13.6 ft
TOC ELEVATION: 13.2 ft
TEMPERATURE: 76 F

INCLINATION: -90
DEPTH W.L.: 10.9 ft
ELEVATION W.L.: 2.3 ft
DATE W.L.: 8/11/08
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: PID (ppm)	NUMBER	TYPE	REC / ATT	MONITORING WELL / PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
40		0.0 - 45.5 SEE PL2-608C BOREHOLE LOG FOR SOIL LITHOLOGY DESCRITPION *(Continued)*								PL2-608B 2/12 sand 10-slot screen Centralizer	**PL2-608B** Borehole Diameter: 8-inch **WELL CASING** Interval: 0-40.5 Material: PVC Diameter: 2-inch Joint Type: Threaded **WELL SCREEN** Interval: 40.5-45.5 ft Material: PVC Diameter: 2-inch Slot Size: 0.010-inch End Cap: Flush **FILTER PACK** Interval: 38-45.5 ft Type: 2/12 sand Quantity: 7.5 ft **FILTER PACK SEAL** Interval: 36-38 ft Type: Bentonite chips Quantity: 2 ft **ANNULUS SEAL** Interval: 3-36 ft Type: Bentonite grout Quantity: 33 ft
45	-30				-31.9						
		Boring completed at 45.5 ft									
50	-35										
55	-40										
60	-45										
65	-50										
70	-55										
75	-60										
80	-65										

LOG SCALE: 1 in = 5 ft
DRILLING COMPANY: Caribbean Drilling Services
DRILLER: K. Goble

GA INSPECTOR: D.Gorman
CHECKED BY: M. Lumpkin
DATE: 3/4/09

Golder Associates

AA BOREHOLE RECORD BOEING 2_40S.GPJ GOLDER NJ-PA 05-24-06.GDT 3/25/09

Boeing Plant 2
Seattle/Tukwila, Washington

Uplands Corrective Measures Study
Volume VIb: 2-40s Area

Data Gap Investigation Report

Part 1 of 3

Attachment B
Well Development Field Parameter Stabilization Data

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ENVIRONMENTAL PARTNERS INC

Monitoring Well Development Field Measurements Record

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 10/3/2008
Page Number: 1 /1

Well #: PL2-420B

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
PL2-420B			7:30						Surge well 3 times and bail
			7:45						Well surging complete
			8:19	27	5.96	17.80	58.5	16.74	Cloudy brown
			8:26	35	6.23	17.85	53.5	16.64	Cloudy brown
			8:36	40	6.33	17.99	49.4	16.57	Cloudy brown
			8:44	53	6.41	18.08	57.8	16.57	Cloudy brown
			8:52	60	6.43	18.03	47.8	16.59	Cloudy brown
			9:04	70	6.48	18.07	39.1	16.60	Cloudy brown
			9:11	80	6.36	18.82	39.8	16.63	Cloudy brown, YSI off
			9:21	90	6.49	20.96	43.1	16.81	Cloudy brown
			9:30						Stopped producing water, changed pump and tubing
restarted pump			9:42	95	6.68	17.64	169	16.50	Cloudier and gray
			9:55	105	6.59	17.05	17.0	16.43	Clearing
			10:05	120	6.69	17.02	10.17	16.35	Clear
			10:15	130	6.68	17.14	10.80	16.39	Clear
			10:20	140	6.62	17.13	8.72	16.42	Clear
			10:25	150	6.61	16.96	9.71	16.41	Clear
			10:30	160	6.38	16.69	9.38	16.45	Clear
			10:38	170	6.47	17.19	9.41	16.44	Clear
			10:45						Stopped purging
	11.13	45.12	14:26						

ENVIRONMENTAL PARTNERS INC

Monitoring Well Developing Field Measurements Record

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/22/2008 and 7/23/2008
Page Number:

Well #: PL2-420C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
PL2-420C	12.70	80.20	12:14						
			12:26						Begin surge
			12:36						Complete surge, bail
			12:39	1					Complete bailing, install pump
			12:41	5	6.72	2.96	846	16.3	Begin purge, dark gray, silty
			12:46	15	6.78	3.49	33.9	16.1	Clear
			12:51	25	6.81	4.05	28.0	16.1	Clear
	13.60		12:52						Stop purge, surge well
			13:02						Complete surge, re-install pump
			13:03	28	6.84	4.40	308	16.5	Resume purge, light gray, slightly silty
			13:08	38	6.83	4.42	24.0	16.2	Clear
			13:13	50	6.83	4.47	7.50	16.2	Clear
	13.89		13:14						Stop purge, surge well
			13:24	52					Stop surge, re-install pump
			13:25	55	6.84	4.67	104	16.6	Light gray, slightly silty
			13:30	65	6.85	4.74	7.32	16.7	Clear
			13:35	75.0	6.84	4.73	8.63	16.7	Clear
			13:40	85	6.84	4.75	11.1	16.7	Clear
			13:45	95	6.84	4.77	14.9	16.6	Clear
	13.90		14:00	110					Stop purge, surge well
			14:12						Complete surge, re-install pump
			14:13						Resume purge
			14:15	115	6.86	4.96	245	16.7	Light gray, slightly silty
			14:20	127	6.86	4.93	10.3	16.6	Clear

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/22/2008 and 7/23/2008
Page Number:

Well #: PL2-420C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
			14:25	135	6.84	4.93	8.99	16.5	Clear
			14:35	147	6.84	4.94	16.2	16.5	Clear
			14:45	155	6.84	4.98	15.0	16.5	Clear
			14:50	165	6.83	4.99	16.1	16.4	Clear, stop purge
7/23/2008	11.90		6:48						Install pump
			6:52						Resume purge, light brown, clear
			6:55	170	6.83	2.34	14.7	16.8	Clear
			7:00	183	6.82	2.36	5.86	16.8	Clear
			7:10	200	6.83	2.53	3.55	16.6	Clear
			7:20	220	6.84	2.60	2.54	16.6	Clear
			7:30	240	6.84	2.64	1.50	16.5	Clear
			7:40	265	6.84	2.71	1.80	16.3	Clear
			7:44	275	6.84	2.74	1.53	16.4	Clear
			7:55	300	6.83	2.79	1.06	16.3	Clear
			7:58	306	6.83	2.81	0.96	16.3	Clear
			8:02	316	6.83	2.82	0.84	16.2	Clear
			8:06	325	6.84	2.83	0.79	16.2	Clear
	11.22		8:08	330	6.84	2.83	0.74	16.2	Clear, development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Development Field Measurements Record

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/25/2008
Page Number: 1 /1

Well #: PL2-425B

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(°C)	
PL2-425B		45.2	12:52						Pre-surge
			12:53						Surge well
	12.06		12:57						Surge complete, install pump
			12:59						Begin purging, dark brown, silty
			13:01	2	8.57	6.431	320	16.08	Brown and silty
			13:06	10	8.13	7.162	138	15.97	Cloudy
			13:11	18	8.09	6.920	88	15.96	Clearing
			13:13						Surge well
	12.24		13:17						Surge complete, re-install pump, begin purge
			13:18	20	8.08	5.978	423	16.15	Dark brown and silty
			13:23	25	7.93	6.773	110	15.97	Cloudy
			13:30	40	7.94	6.766	57.3	15.97	Clearing
			13:35	45	7.96	6.790	48.5	15.97	Clearing
			13:40	50	7.97	6.832	38.5	15.96	Clearing
			13:43						Surge well
	12.04		13:46						Surge complete, re-install pump, continue purge
			13:47	57	7.94	6.479	283	16.09	Dark gray/brown, silty
			13:52	65	7.86	7.057	101	15.96	Cloudy
			13:58	70	7.88	7.085	45.9	15.97	Clearing
			14:03	75	7.90	7.137	37.1	15.97	Clearing
			14:06	78	7.91	7.144	33.5	15.97	Clearing
			14:11	90	7.94	7.171	25.1	15.96	Clearing
			14:16	98	7.96	7.216	19.0	15.96	Clear
			14:21	105	7.97	7.228	17.0	15.95	Clear
			14:30	120	8.00	7.265	13.8	15.95	Clear
			14:40	135	8.02	7.286	13.4	15.94	Clear
			14:50	150	8.04	7.315	8.36	15.95	Clear
			14:55	157	8.05	7.312	7.19	15.94	Clear
			15:00	165	8.06	7.314	6.63	15.94	Clear
			15:03	170	8.06	7.324	5.88	15.94	Clear
			15:06	175	8.04	7.326	4.29	15.94	Clear
			15:09	180	8.07	7.326	3.74	15.94	Clear
	12.01		15:15	190					Development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Development Field Measurements Record

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/25/2008
Page Number: 1 /1

Well #: PL2-425C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
PL2-425C	13.03	82.9	6:54						Pre-surge
			6:55						Surge well
	13.63		7:02						Surge complete, install pump
			7:26						Begin purge, gray/brown and silty
			7:30	3	7.93	32.20	498	15.53	Gray/brown, silty
			7:35	5	7.80	34.79	307	15.2	Gray/brown, silty
			7:47	10	7.78	33.00	72.8	15.13	Gray/brown, clearing
			7:57	15	7.77	32.64	39.8	15.1	Clearing
			8:07	20	7.82	32.36	34.2	15.04	Clear
			8:17	25	7.87	32.50	30.0	14.99	
			8:19						Surge well
	13.54		8:26						Complete surge, re-install pump
			8:29						Resume purge
			8:37	28	7.90	33.02	462	15.4	Gray/brown, silty
			8:48	33	7.87	32.83	71.0	15.4	Clearing
			8:58	38	7.89	33.29	46.4	15.4	Clearing
			9:13	45	7.92	33.97	34.3	15.39	Clear
			9:28	52	7.96	34.46	34.7	15.39	Clear
			9:35						Surge
	14.32		9:39						Complete surge, re-install pump, resume purge
			9:45	55	8.06	32.07	470	14.77	Brown, silty
			9:50	60	7.93	35.10	29.5	14.55	Clearing
			10:00	75	7.91	35.60	7.93	14.55	Clear
			10:05	80	7.92	35.60	7.98	14.55	Clear

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/25/2008
Page Number: 1 /1

Well #: PL2-425C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
			10:07						Surge
	13.46		10:13						Complete surge, re-install pump, resume purge
			10:16	88	7.99	34.38	391	14.69	Brown and silty
			10:22	95	7.88	35.98	7.31	14.72	Clear
			10:35	105	7.88	35.86	2.42	14.85	Clear
			10:47	115	7.89	36.00	24.3	15.24	Clear
			10:59						Change pumps
			11:03	120	7.94	34.98	61.6	14.58	Brown and silty, clearing
			11:09	130	7.90	35.89	4.75	14.56	Clearing
			11:21	150	7.91	35.97	2.18	14.57	Clear
			11:29	170	7.91	35.98	2.35	14.57	Clear
			11:41	190	7.95	36.04	1.89	14.56	Clear
			11:52	210	7.95	36.07	2.34	14.56	Clear
			12:02	230	7.92	36.10	2.16	14.55	Clear
			12:12	250	7.99	36.11	1.75	14.53	Clear
			12:22	270	8.00	36.13	1.11	14.54	Clear
			12:33	290	8.00	36.13	1.9	14.54	Clear
			12:43	310	8.01	36.15	2.22	14.54	Clear
	13.41		12:53	330	8.01	36.14	1.62	14.53	Clear, development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Development Field Measurements Record

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/22/2008
Page Number: 1 /1

Well #: PL2-435B

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(°C)	
PL2-435B	11.02	44.99	9:40	0					Pre-surge
			9:42						Begin surge
			9:47						End surge, bail
			9:50	1					End bail, install pump
			9:52						Begin pumping, dark gray, silty
			9:54	8	7.19	0.471	>1000	16.0	Light gray, silty
			9:59	20	7.06	0.425	10.8	15.7	Clear
			10:04	30	7.06	0.397	6.4	15.7	Clear
			10:09	43	6.75	0.388	5.90	15.7	Clear
	11.12		10:10						Stop pump, surge
			10:17						Resume pumping, gray,silty
			10:20	48	6.64	0.381	232	15.9	Light gray, slightly silty
			10:25	55	6.72	0.374	7.48	15.9	Clear
			10:30	67	6.72	0.373	3.95	15.7	Clear
			10:35	78	6.72	0.373	3.03	15.7	Clear
			10:40	88	6.72	0.373	3.43	15.7	Clear
	11.08		10:41						Stop purge, surge well
			10:45						Complete surge, install pump
			10:46						Resume purge, light gray, little silt
			10:48	90	6.68	0.372	396	15.9	Slightly silty
			10:53	98	6.69	0.372	7.85	15.7	Clear
			10:58	110	6.70	0.373	4.22	15.7	Clear
			11:03	122	6.72	0.373	2.93	15.6	Clear
	11.08		11:05	123					Stop purge, surge well
			11:12						Complete surge, install pump
			11:13						Light gray, slightly silty
			11:18	137	6.70	0.371	8.50	15.7	Clear
			11:23	150	6.70	0.372	5.08	15.7	Clear
			11:28	165	6.70	0.372	3.13	15.7	Clear
			11:33	175	6.70	0.370	3.13	15.6	Clear
			11:38	187	6.71	0.370	2.24	15.6	Clear
			11:40	190	6.71	0.370	2.24	15.6	Stop development, development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Development Field Measurements Record

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/22/2008
Page Number: 1 /1

Well #: PL2-435C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(°C)	
PL2-435C	11.01	84.28	8:05	0					Surge well, bail
	14.24		8:20	3					Stop surge, install pump
			8:23	10					Begin development, gray and silty
	24.01		8:29						Pump stopped, pull to check
			8:40						Resume purge, light gray, slightly silty
			8:42						Pump dry?
			8:44						Resume pumping
	17.45		8:45						Pump dry, remove pump, inspect, reinstall
			8:50						Resume purge
			8:53	15					Pump dry?
	25.33		8:54						Remove pump to surge
			9:02						Surge well
			9:07						Stop surge
	12.65		9:08						Surge well
	11.70		9:18						
			9:23	20	7.25	4.10	671	16.40	Resume purge
			9:25						Pump dry again?
			9:52						Purge
			9:55	23					Dry
			10:17						Purge
			10:20	25					Dry
			10:35						Purge
			10:36	26					Dry
			10:46						Purge
			10:47	28					Dry
			11:14						Purge
			11:15	29					Dry

ENVIRONMENTAL PARTNERS INC

Monitoring Well Development Field Measurements Record

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/21/2008
Page Number: 1 /1

Well #: PL2-440B

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
PL2-440B	10.42	45.35	11:29	0					
			11:41						Surge well
			11:51						End surge, install pump
			11:55						Begin development,dark gray, silty
	10.48		12:05	20					Surge
			12:10						Resume pumping, dark gray, dilty
			12:13	25	6.57	0.663	56.4	16.1	Light gray, silty
	10.48		12:28	50	6.60	0.62	34.6	16.20	Clear, stop pump to surge
			12:35						Resume pumping, dark gray, silty
			12:40	62	6.67	0.607	23.5	16.2	Clear
			12:45	75	6.66	0.605	11.8	16.2	Clear
	10.48		12:50	85	6.67	0.602	10.5	16.20	Clear, stop to surge
			12:56						Resume pumping, light gray,slightly silty
			13:01	98	6.67	0.598	22.8	16.30	Clear
			13:04	105	6.67	0.595	7.91	16.20	Clear
			13:09	117	6.70	0.593	7.54	16.20	Clear
			13:14	130	6.70	0.592	6.23	16.20	Clear
			13:19	142	6.70	0.588	5.50	16.20	Clear
			13:24	155	6.69	0.587	5.45	16.20	Clear
			13:29	167	6.69	0.584	5.38	16.20	Clear
			13:35	180	6.69	0.583	5.09	16.20	Clear
			13:37	185	6.69	0.582	4.81	16.20	Clear
			13:39	190	6.69	0.581	4.76	16.20	Clear, well development complete, stop pump
	10.48		13:40	190					

ENVIRONMENTAL PARTNERS INC

Monitoring Well Development Field Measurements Record

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/24/2008 and 7/25/2008
Page Number: 1 /1

Well #: PL2-440C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
PL2-440C	10.33	85.58	12:48						Pre-surge
			12:51						Surge well
	10.73		13:01						Stop surge, install pump
			13:03	1	7.46	0.92	>1000	15.8	Begin purge, dark gray, very silty
	10.48		13:06	7					Purge dry
			13:30						Purge
			13:31	7.25					Purge dry
7/25/2008			6:00	7.5					Pump - clear
			9:00	17.5					Pump - clear

ENVIRONMENTAL PARTNERS INC

Monitoring Well Developing Field Measurements Record

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 10/15/2008
Page Number: 1 /1

Well #: PL2-441B

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(°C)	
PL2-441B	10.27		10:19						Gray, begin development
			10:24	12					Surge, very silty
			10:26						Clearing
			10:28	20					Surge, silty
			10:47	55					Surge
			10:52	70	8.92	0.735	8.92	14.99	Clearing
			11:03	95	9.67	0.726	7.13	14.97	Clear
			11:05						Recalibrate YSI pH
			11:20	130	8.72	0.777	27.3	14.85	Clear
			11:22						Recalibrate YSI pH
			11:50	160	4.45	0.760	12.5	14.55	Clear, new YSI meter
			11:57	180	4.23	0.697	7.96	14.89	Clear, new YSI meter
			12:00	190	7.30	0.882	7.54	15.50	Clear, new YSI meter
			12:03	210.0	7.08	0.750	8.58	14.82	Clear, new YSI meter
									Development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Developing Field Measurements Record

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/24/2008 and 7/25/2008
Page Number: 1 /1

Well #: PL2-441C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(°C)	
PL2-441C	9.79	82.27	9:22						Pre-surge
			9:28						Surge well
	1073		9:38						Stop surge, install pump
			9:40	1	8.03	2.40	>1000	15.0	Begin purge, dark gray, silty
	30.21		9:45	6					Purge dry?, remove pump
			9:48						Re-install pump, purge
			9:49	7					Purge dry
			10:05						Purge
			10:06	7.5					Purge dry
			10:18						Purge
			10:19	7.75					Purge dry
			10:45						Purge
			10:46	8.75					Purge dry
			11:15						Purge
			11:16	9.5					Dry
			11:45						Purge
			11:46	10					Dry
			12:15						Purge
			12:18	10.25					Dry
	16.82		12:28						Stop purge
7/25/2008	10.48		6:40	11					Purge
			8:40	21.75					Purge
			10:40	33.25					Stop purge
7/28/2008	11.10		10:15	37.5					Surge 10 minutes, then pump 4.25 gallons
			11:00	40					Pumped dry

ENVIRONMENTAL PARTNERS INC

Monitoring Well Developing Field Measurements Record

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 10/3/2008 and 10/15/2008
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Well #: PL2-442B

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
PL2-442B		10/3/2008	9:35						Surge well 3 times and bail
			10:15						Start purging
			10:29	15	7.01	3.857	96.4	17.02	Mostly clear, silty gray
			10:34	25	6.89	3.955	80.7	16.97	Mostly clear, silty gray
			10:50	55	7.03	3.930	83.2	17.06	Mostly clear, silty gray
			10:55	65	6.72	3.878	69.0	17.11	Mostly clear, silty gray
			11:00	70	6.67	3.984	106.5	17.14	Mostly clear, silty gray
			11:05	75	6.70	3.857	125.0	17.17	Mostly clear, silty gray
			11:10	80	6.70	3.910	128.1	17.21	Mostly clear, silty gray
			11:15						Water flow stopped, then high silt
			11:27	85	6.64	3.940	91.0	17.15	Silty gray
			11:33	90	6.65	4.016	110.0	17.18	Silty gray
			11:37	95	6.63	4.076	140.0	17.21	Silty gray
			11:49	98	6.77	3.539	259	17.14	Gray silty
			11:52						Gray silty
			11:53						Water quit
			12:04	100	6.71	3.917	123	17.10	
			12:07						Quit
		10/15/2008	9:00						Resume 10/15/08
			9:16		6.96	3.419	6.34	16.61	Clear
			9:21	155	6.78	3.472	6.60	16.92	Clear
			9:30	165	6.73	3.495	6.24	16.88	Clear
			9:36	180	6.74	3.530	6.07	16.98	Clear
			9:40	190	6.75	3.454	6.70	17.00	Clear
			9:43	200	6.62	3.477	6.62	16.92	Clear
			9:46	210	6.77	3.483	6.05	17.00	Clear, development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Developing Field Measurements Record

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/23/2008 and 7/24/2008
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Well #: PL2-442C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(°C)	
PL2-442C	11.40	79.7	12:45						Pre-surge
			12:46						Surge well
			12:56						Surge complete, install pump
			12:57	1	7.30	3.18	>1000	17.2	Begin purge, dark gray, silty
			13:02	11	6.88	3.22	23.6	16.6	Clear
			13:07	20	6.84	3.13	9.04	16.5	Clear, stop purge, surge
			13:08						Surge well
	11.97		13:18						Complete surge, install pump
			13:19	21	7.02	3.22	>1000	16.7	Resume purge, dark gray, silty
			13:24	33	6.84	3.11	10	16.3	Clear
			13:29	45	6.84	3.060	7.40	16.3	Clear
			13:31	50	6.83	3.060	4.51	16.3	Stop purge, surge well
	12.45		13:41						Complete surge, re-install pump
			14:02						Re-install pump
			14:05	55	6.97	3.29	>1000	16.6	Resume purge, dark gray, silty
			14:10	65	6.88	3.20	19	16.4	Clear
			14:15	78	6.83	3.13	8.11	16.4	Clear
			14:20	88	6.82	3.11	6.23	16.3	Clear
			14:25	100	6.83	3.11	4.91	16.3	Clear
	12.71		14:30	110	6.83	3.11	4.32	16.3	Clear, stop purge
7/24/2008	12.00		6:27						
			6:43	111	7.08	2.65	331	16.6	Resume purge, light brown, clear
			6:45	115	7.03	2.60	11.4	16.4	Clear
			6:50	125	7.03	2.56	5.54	16.2	Clear
			7:00	145	6.83	2.50	2.80	16.0	Clear
			7:10	165	6.84	2.51	2.24	16.2	Clear
			7:25	190	6.84	2.52	2.40	16.0	Clear
			7:40	220	6.84	2.54	1.95	16.0	Clear
			7:55	250	6.85	2.55	2.14	16.0	Clear
			8:05	275	6.85	2.56	2.03	16.1	Clear
			8:10	285	6.85	2.57	2.09	16.0	Clear
			8:15	300	6.86	2.57	1.98	16.0	Clear
			8:20	315	6.85	2.57	1.99	16.0	Clear
	11.22		8:25	330	6.85	2.57	1.89	16.0	Clear, development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Developing Field Measurements Record

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 10/3/2008 and 10/15/2008
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Well #: PL2-443B

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(°C)	
PL2-443B		10/3/2008	13:01	15	6.75	14.73	86.1	16.53	
			13:06						Water stopped
			13:13	16	6.63	20.11	53.3	16.72	Restarted pump
			13:16						Water stopped
			13:20	20	6.81	13.83	179	16.39	Restarted
			13:23	22	6.75	15.13	113	16.33	Gray silty
			13:28	25	6.74	15.23	37.2	16.31	Clearing
			13:33	35	6.71	15.27	38.2	16.30	Clearing
			13:40	40	6.73	15.50	54.1	16.29	Silty
			13:46	45	6.74	16.09	70.7	16.34	Silty
			13:53	49	6.73	17.28	69.0	16.38	Silty
			13:59	50	6.73	18.41	69.0	16.43	
			14:00						Water stopped
			14:19	60	6.86	14.50	18.8	16.31	Clearing
			14:24	65	6.80	14.78	22.7	16.3	Clearing, stop to use generator pump
			14:29	70	6.86	13.51	46.5	16.30	
			14:35	75	6.87	13.67	10.79	16.33	
			14:40	85	6.88	13.71	9.88	16.33	
			14:45	100	6.89	13.61	7.07	16.34	
	10.98	44.43	14:47	110					Stopped development
	10.50	10/15/2008	8:02				3.91		Resume development
			8:40	165	7.92	14.10	3.90	15.6	Clear
			8:43	170	7.5	14.00	5.91	16.10	Clear
			8:46	180	7.22	13.94	5.32	16.22	Clear
			8:49	190	7.05	13.84	4.85	16.25	Clear
			8:52	200	6.98	13.82	3.87	16.22	Clear
			8:55	205	6.95	13.86	4.06	16.24	Clear, development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Developing Field Measurements Record

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/23/2008
Page Number:

Well #: PL2-443C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
PL2-443C	10.38	74.58	8:28						Pre-surge
			8:29						Surge well
			8:39						Complete surge, install pump
			8:42	1	7.29	2.99	<1000	17.2	Begin purge, dark gray, silty
			8:43						Stop purge, remove pump to shorten string
			8:45						Re-install pump
			8:46						Resume purge, dark gray, silty
			8:50	10	7.24	2.56	363	16.3	Light gray, slightly silty
			8:55	18	6.99	2.64	117	16.2	Clear
	11.75		8:56	19	6.94	2.65	24.3	16.2	Clear, stop purge, surge well
			9:06						Complete surge, re-install pump
			9:07	20	7.24	2.75	>1000	16.5	Dark gray, silty
			9:10	25	6.69	2.68	265	16.4	
			9:15	35	6.90	2.69	29.8	16.3	Clear
			9:20	42	6.92	2.73	15.6	16.2	Clear
			9:30	55	6.92	2.78	7.76	16.3	Clear, stop pump, surge well
	15.20		9:31						Surge well
	11.22		9:41						Complete surge, re-install pump
			9:43	56	7.10	2.98	>1000	16.1	Resume purge, dark gray, silty
			9:46	60	6.94	2.89	367	16.2	Light gray, slightly silty
			9:50	68	6.93	2.83	99.4	16.3	Clear
			9:55	78	6.93	2.81	13.8	16.1	Clear, stop purge to surge well
			9:57						Surge well
	11.48		10:07						Stop surge, re-install pump

Job Name/Location: 2-40s Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/23/2008
Page Number:

Well #: PL2-443C

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
			10:08	79	6.97	2.90	507	16.2	Resume purge, gray, slightly silty
			10:10	85	6.93	2.85	66.8	16.1	Clear
			10:15	95	6.92	2.82	16.3	16.1	Clear
			10:23	110	6.93	2.81	6.25	16.2	Clear
			10:42	135	6.93	2.81	3.12	16.3	Clear
			10:58	165	6.93	2.81	2.86	16.2	Clear
			11:13	190	6.92	2.81	2.29	16.3	Clear
			11:26	220	6.93	2.82	2.19	15.9	Clear
			11:40	245	6.94	2.81	1.69	16.0	Clear
			12:00	275	6.94	2.81	1.55	16.3	Clear
			12:14	300	6.94	2.81	1.59	16.3	Clear
			12:17	307	6.94	2.81	1.43	16.2	Clear
			12:21	315	6.94	2.81	1.59	16.2	Clear
			12:25	322	6.94	2.81	1.52	16.2	Clear
			12:29	330	6.94	2.81	1.48	16.2	Clear, development complete

ENVIRONMENTAL PARTNERS INC

Monitoring Well Development Field Measurements Record

Job Name/Location: 2-40's Area Data Gaps - Boeing Plant 2
Job Number: 17510.1
Date: 7/28/2008
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Well #: PL2-608B

Well ID	Depth to Water	Depth of Well	Time	Volume Purged	pH	Conductivity	Turbidity	Temperature	Visual Observations
	(ft)			(gallons)		(mS/cm)	(NTU)	(^{o}C)	
PL2-608B	10.85	45.40	7:40	0					Pre-surge
			7:42						Begin surge
	10.43		7:50						Stop surge, pump
			8:03	4	8.66	0.450	404	14.36	Light gray, silty
			8:10	15	7.96	0.470	51.0	14.33	Clearing
			8:13						End pump, begin surge
	10.07		8:20	20	7.75	0.451	360	14.36	Stop surge, pump, light gray, silty
			8:30	30	7.73	0.459	46.5	14.37	Pump - clearing
			8:40	40	7.71	0.455	18.7	14.35	Pump - clear
			8:50	50	7.71	0.453	9.17	14.35	Pump - clear
			8:52						End pump, begin surge
			9:05	60	7.60	0.445	162	14.36	Pump, light gray, silty
			9:15	75	7.66	0.450	24.8	14.37	Clear
			9:25	85	7.75	0.449	6.55	14.41	Clear
			9:35	95	7.85	0.448	6.01	14.40	Clear
			9:45	110	7.91	0.447	4.14	14.41	Clear
			9:55	120	7.93	0.447	3.73	14.42	Clear
			10:05	135	7.98	0.447	4.32	14.43	Clear
			10:15	150	8.00	0.446	2.20	14.46	Clear
			10:25	165	8.03	0.444	2.09	14.46	Clear
			10:30	173	8.03	0.444	2.65	14.45	Clear
			10:35	180	8.01	0.444	2.57	14.47	Clear
			10:40	185	8.00	0.444	2.44	14.46	Clear, development complete

Boeing Plant 2
Seattle/Tukwila, Washington

Uplands Corrective Measures Study
Volume VIb: 2-40s Area

Data Gap Investigation Report

Part 1 of 3

Attachment C
Survey Locations of Wells and Direct-Push Probes

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Volume VIb Corrective Measures Study
2-40s Area Data Gap Investigation Report
Boeing Plant 2

Table C-1 Survey Locations of Wells and Direct-Push Probes

New Monitoring Well Locations				
Monitoring Well Number	**RIM ELEV. OF MON CASE (NGVD29)**	**TOP OF PIPE ELEV. (NGVD29)**	**Northing**	**Easting**
PL2-420B	13.37'	12.99'	196642.3	1275004.6
PL2-420C	13.40'	13.03'	196645.4	1275001.3
PL2-425B	13.63'	13.29'	196340.5	1275442.4
PL2-425C	13.62'	13.37'	196340.3	1275437.1
PL2-435C	13.47'	13.09'	197135.1	1275498.2
PL2-435B	13.47'	13.06'	197136.0	1275491.6
PL2-440B	13.58'	13.10'	197450.0	1275746.0
PL2-440C	13.54'	12.90'	197451.1	1275749.2
PL2-441B	12.90'	12.62'	197674.8	1275481.3
PL2-441C	12.90'	12.45'	197678.6	1275478.1
PL2-442B	12.92'	12.52'	196749.5	1275014.0
PL2-442C	12.95'	12.43'	196751.7	1275009.7
PL2-443B	13.43'	12.99'	196832.6	1274801.0
PL2-443C	13.42'	13.00'	196836.8	1274797.4
PL2-608A	13.58'	13.20'	197129.3	1276102.8
PL2-608B	13.61'	13.17'	197125.1	1276107.4
PL2-608C	13.61'	13.25'	197122.5	1276101.6
Direct-Push Locations				
Direct-Push Probe Number	**ELEV. OF PUSH-PROBE (NGVD29)**	**Measuring Point Elevation (ft. NGVD)**	**Northing**	**Easting**
2-40-DP-001-1	12.89'	NA	197385.1	1275757.6
2-40-DP-001-2	12.89'	NA	197385.3	1275758.8
2-40-DP-001-3	12.90'	NA	197384.2	1275758.3
2-40-DP-002-1	13.79'	NA	197229.7	1275935.1
2-40-DP-002-2	13.79'	NA	197229.6	1275934.2
2-40-DP-002-3	13.80'	NA	197228.8	1275934.4
2-40-DP-003-1	13.73'	NA	197285.4	1275721.3
2-40-DP-003-2	13.72'	NA	197284.4	1275721.2
2-40-DP-003-3	13.74'	NA	197284.6	1275722.2
2-40-DP-004-1	13.44'	NA	197150.6	1275621.9
2-40-DP-004-2	13.41'	NA	197149.7	1275621.1
2-40-DP-004-3	13.43'	NA	197151.3	1275622.6
2-40-DP-005-1	13.70'	NA	197032.1	1275778.3
2-40-DP-005-2	13.68'	NA	197031.0	1275777.0
2-40-DP-005-3	13.68'	NA	197031.0	1275777.9
2-40-DP-006	13.42'	NA	196895.2	1275919.7
2-40-DP-007	13.50'	NA	196302.3	1275369.1

Table C-1 Survey Locations of Wells and Direct-Push Probes

Direct-Push Locations				
Direct-Push Probe Number	**ELEV. OF PUSH-PROBE (NGVD29)**	**Measuring Point Elevation (ft. NGVD)**	**Northing**	**Easting**
2-40-DP-008	13.41'	NA	196265.0	1275410.3
2-40-DP-009	13.51'	NA	196222.4	1275449.6
2-40-DP-010-1	14.06'	NA	197476.8	1275486.0
2-40-DP-010-2	14.08'	NA	197476.1	1275487.1
2-40-DP-010-3	14.07'	NA	197475.1	1275487.7
2-40-DP-011-1	13.94'	NA	197387.2	1275584.9
2-40-DP-011-2	13.89'	NA	197387.7	1275585.1
2-40-DP-011-3	13.94'	NA	197386.9	1275585.7
2-40-DP-012-1	13.71'	NA	197339.6	1275474.6
2-40-DP-012-2	13.67'	NA	197337.8	1275473.0
2-40-DP-012-3	13.71'	NA	197339.4	1275474.9
2-40-DP-013	13.40'	NA	196871.2	1275821.2
2-40-DP-014-1	13.16'	NA	196995.8	1275410.9
2-40-DP-014-2	13.17'	NA	196994.8	1275412.2
2-40-DP-014-3	13.16'	NA	196993.8	1275413.0
2-40-DP-015-1	13.35'	NA	196862.8	1275528.6
2-40-DP-015-2	13.35'	NA	196862.0	1275529.5
2-40-DP-015-3	13.35'	NA	196861.1	1275530.4
2-40-DP-016	13.45'	NA	196745.4	1275680.1
2-40-DP-017	13.33'	NA	196771.6	1275500.8
2-40-DP-018-1	13.32'	NA	196709.7	1275339.5
2-40-DP-018-2	13.31'	NA	196710.5	1275340.1
2-40-DP-019-1	12.52'	NA	196655.8	1275034.2
2-40-DP-019-1	12.51'	NA	196657.1	1275032.5
2-40-DP-020	13.34'	NA	196675.6	1275842.4
2-40-DP-021-1	13.59'	NA	197452.8	1275303.7
2-40-DP-021-1	13.59'	NA	197451.8	1275302.9
2-40-DP-021-3	13.59'	NA	197451.5	1275304.3
2-40-DP-022-1	13.51'	NA	197301.6	1275417.2
2-40-DP-022-2	13.54'	NA	197300.5	1275418.7
2-40-DP-022-3	13.51'	NA	197299.4	1275419.6
2-40-DP-023-1	13.35'	NA	197208.5	1275147.6
2-40-DP-023-2	13.35'	NA	197208.3	1275148.8
2-40-DP-023-3	13.35'	NA	197207.1	1275148.4
2-40-DP-024-1	13.27'	NA	197046.6	1275216.1
2-40-DP-024-2	13.28'	NA	197047.6	1275215.1
2-40-DP-024-3	13.28'	NA	197048.6	1275213.9
2-40-DP-025	13.43'	NA	196576.1	1275710.1
2-40-DP-026	13.22'	NA	197110.1	1275008.8

Table C-1 Survey Locations of Wells and Direct-Push Probes

Direct-Push Locations				
Direct-Push Probe Number	**ELEV. OF PUSH-PROBE (NGVD29)**	**Measuring Point Elevation (ft. NGVD)**	**Northing**	**Easting**
2-40-DP-027	13.39'	NA	196964.6	1275139.9
2-40-DP-027-1	13.39'	NA	196965.4	1275140.6
2-40-DP-027-2	13.39'	NA	196966.0	1275139.8
2-40-DP-027-3	13.39'	NA	196964.6	1275141.5
2-40-DP-028	13.22'	NA	196714.5	1275490.2
2-40-DP-029-1	13.24'	NA	196792.1	1275228.3
2-40-DP-029-2	13.21'	NA	196791.3	1275229.2
2-40-DP-029-3	13.21'	NA	196790.5	1275230.2
2-40-DP-030	13.43'	NA	196562.3	1275437.9
2-40-DP-031	13.27'	NA	196866.2	1274840.1
2-40-DP-031-1	13.32'	NA	196873.7	1274849.0
2-40-DP-031-2	13.27'	NA	196867.7	1274836.2
2-40-DP-032	13.26'	NA	196826.1	1274880.5
2-40-DP-033-1	13.44'	NA	196698.4	1275080.7
2-40-DP-033-2	13.42'	NA	196696.9	1275081.8
2-40-DP-033-3	13.40'	NA	196699.8	1275082.0
2-40-DP-034	13.49'	NA	196351.6	1275493.8
2-40-DP-035	13.20'	NA	196644.9	1275091.1
2-40-DP-035-1	13.21'	NA	196642.9	1275094.5
2-40-DP-035-2	13.20'	NA	196641.5	1275096.1
2-40-DP-036	13.28'	NA	197081.6	1274961.2
2-40-DP-037	13.28'	NA	196734.3	1274894.8
2-40-DP-037-1	13.28'	NA	196733.6	1274896.2
2-40-DP-037-2	13.27'	NA	196732.8	1274896.7
2-40-DP-038	13.28'	NA	196699.4	1274931.0
2-40-DP-039-1	13.18'	NA	196684.0	1274949.4
2-40-DP-039-2	13.19'	NA	196685.6	1274948.9
2-40-DP-039-3	13.21'	NA	196685.9	1274947.3
2-40-DP-040	13.19'	NA	196660.4	1274979.0
2-40-DP-041	13.22'	NA	196630.9	1275014.1
2-40-DP-041-1	13.22'	NA	196632.2	1275015.1
2-40-DP-041-2	13.21'	NA	196630.9	1275012.7
2-40-DP-042	13.24'	NA	196608.2	1275040.0
2-40-DP-042-2	13.21'	NA	196606.5	1275038.7
2-40-DP-042-3	13.23'	NA	196607.1	1275039.8
2-40-DP-043-1	13.37'	NA	196569.8	1275071.1
2-40-DP-043-2	13.37'	NA	196568.6	1275070.7
2-40-DP-043-3	13.37'	NA	196568.4	1275069.3
2-40-DP-044	13.46'	NA	196615.3	1274950.8

Table C-1 Survey Locations of Wells and Direct-Push Probes

Direct-Push Locations				
Direct-Push Probe Number	**ELEV. OF PUSH-PROBE (NGVD29)**	**Measuring Point Elevation (ft. NGVD)**	**Northing**	**Easting**
2-40-DP-045	13.17'	NA	196756.0	1274870.8
2-40-DP-045-1	13.18'	NA	196755.6	1274872.3
2-40-DP-045-2	13.18'	NA	196754.8	1274871.6
2-40-DP-046	13.18'	NA	197331.3	1275185.0
2-40-DP-047	13.12'	NA	197401.2	1275701.0
2-40-DP-048	13.26'	NA	197118.1	1274971.2
2-40-DP-049	13.78'	NA	197102.5	1275739.1
2-40-DP-050	13.61'	NA	197031.7	1275688.8
2-40-DP-051	13.28'	NA	196877.9	1275108.5
2-40-DP-052	13.05'	NA	196864.0	1275153.5
2-40-DP-052-1	13.11'	NA	196863.4	1275165.8
2-40-DP-052-2	13.12'	NA	196860.6	1275166.6
2-40-DP-053	13.33'	NA	197112.1	1275145.2
2-40-DP-054	13.33'	NA	197015.5	1275137.0
2-40-DP-055	13.64'	NA	196992.0	1275212.3
2-40-DP-056	13.26'	NA	196949.8	1274950.1
2-40-DP-057	13.30'	NA	197058.0	1274910.0
2-40-DP-058	13.30'	NA	196964.9	1275475.7
2-40-DP-059	13.38'	NA	197006.4	1275620.3
2-40-DP-060	13.44'	NA	197102.8	1275534.7
2-40-DP-061	13.29'	NA	197058.7	1275440.8
2-40-DP-062	13.58'	NA	197175.0	1275570.6
2-40-DP-063	13.45'	NA	197139.6	1275566.6
2-40-DP-064	13.25'	NA	197053.6	1275057.6
2-40-DP-065	13.35'	NA	197187.8	1275036.0
2-40-DP-066	13.24'	NA	196799.2	1275957.2
2-40-DP-067	13.56'	NA	197360.7	1275435.7
2-40-DP-068	13.62'	NA	196968.6	1275690.8
2-40-DP-069	13.27'	NA	196830.1	1274794.1
2-40-DP-070	13.25'	NA	196785.5	1274838.3
2-40-DP-071	13.52'	NA	197493.1	1275585.9
2-40-DP-072	13.77'	NA	197428.5	1275563.4
2-40-DP-073	13.31'	NA	197426.9	1275775.4
2-40-DP-074	13.64'	NA	197470.1	1275761.1
2-40-DP-075	13.26'	NA	197049.0	1274986.6
2-40-DP-076	13.27'	NA	196964.4	1274969.8
2-40-DP-077	13.51'	NA	196879.2	1274940.4
2-40-DP-078	13.31'	NA	196900.0	1274825.9
2-40-DP-079	12.82'	NA	197520.4	1275629.9

Table C-1 Survey Locations of Wells and Direct-Push Probes

Direct-Push Locations				
Direct-Push Probe Number	**ELEV. OF PUSH-PROBE (NGVD29)**	**Measuring Point Elevation (ft. NGVD)**	**Northing**	**Easting**
2-40-DP-080	13.65'	NA	197373.0	1275176.1
2-40-DP-081	13.24'	NA	196736.5	1275404.2
2-40-DP-082	13.39'	NA	196675.6	1275732.1
2-40-DP-083	13.07'	NA	196899.8	1275202.7
2-40-DP-084	13.17'	NA	196767.1	1274955.6
2-40-DP-085	13.40'	NA	196735.9	1275045.4
2-40-DP-086	13.32'	NA	196745.3	1275474.3
2-40-DP-087	13.32'	NA	196693.4	1275555.4
2-40-DP-088	13.45'	NA	196721.4	1275613.6
2-40-DP-089	13.39'	NA	196644.6	1275657.2
2-40-DP-090	13.27'	NA	196632.5	1275533.8
2-40-DP-091-1	13.14'	NA	196778.6	1275255.4
2-40-DP-091-2	13.13'	NA	196777.7	1275254.6
2-40-DP-091-3	13.14'	NA	196779.3	1275256.0
2-40-DP-092	13.23'	NA	196806.9	1275276.3
2-40-DP-093	13.51'	NA	196992.8	1274900.6
2-40-DP-094	13.37'	NA	197010.4	1274952.1
2-40-DP-094-1	13.35'	NA	197017.7	1274948.6
2-40-DP-094-2	13.37'	NA	197009.4	1274953.6
2-40-DP-095	13.38'	NA	197143.7	1275124.4
2-40-DP-096	13.37'	NA	197536.4	1275568.5
2-40-DP-097	13.46'	NA	197527.0	1275679.7
2-40-DP-098	13.35'	NA	196951.9	1275543.9
2-40-DP-099	13.45'	NA	196958.1	1275613.6
2-40-DP-100	13.26'	NA	196774.5	1275363.1
2-40-DP-101	13.55'	NA	196975.9	1274852.0
2-40-DP-102	13.24'	NA	196854.6	1274902.1
2-40-DP-103	13.50'	NA	196352.7	1275445.2
2-40-DP-104	13.44'	NA	196290.1	1275455.6
2-40-DP-105	13.30'	NA	197034.2	1275532.3

NA not Applicable

Coordinate System and Zone: Washington State Plane, North Zone coordinates (NAD83-91)

Horizontal Datum: NAD 83(91) US feet Horizontal Accuracy: 0.1'

Vertical Datum: NGVD 29 US feet Vertical Accuracy: 0.01'

Survey completed in September and Novemeber 2008 by Duane Hartman & Associates

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Boeing Plant 2
Seattle/Tukwila, Washington

Uplands Corrective Measures Study
Volume VIb: 2-40s Area

Data Gap Investigation Report

Part 1 of 3

Attachment D
Historical Groundwater Analytical Data

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TPH – Motor Oil Range Concentrations in Groundwater

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Table D-1 Explanation of Data Qualifiers
2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Qualifiers Used by the Contract Laboratory – Analytical Resources, Inc.	
U	The compound was analyzed for, but not detected at the reported concentration.
J	Indicates an estimated concentration when a value is less than the calculated reporting limit.
D	Indicates the surrogate/spike(s) was not detected, due to dilution of extract.
NR	Indicates the surrogate recovery cannot be reported due to matrix interference.
E	Indicates a value above the linear range of the detector, sample dilution is required.
S	Indicates no value reported due to saturation of the detector, sample dilution required.
NA	Indicates compound was not analyzed for.
M	Indicates an estimated value of analyte found and confirmed by the analyst but with a low spectral match (GC-MS).
B	Indicates possible/probable blank contamination. Flagged when the analyte is detected in the blank as well as in the sample.
Y	Indicates raised reporting limit due to background interference or to activity in the instrument. Compound is still not detected at or above the raised level.
C	Indicates a probably detection that cannot be confirmed due to matrix interferences.
P	Indicates a high RPD between detected concentrations for dual column GC analyses without obvious interference.
Data Validation Qualifiers for Organic Analyses	
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a “tentative identification”.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Table D-1 Explanation of Data Qualifiers
2-40s Area
Boeing Plant 2

Data Qualifier	Explanation
Data Validation Qualifiers for Inorganic Analyses	
U	The compound was analyzed for, but was not detected above the reported sample quantitation limit.
J	The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

2-40s Area Historical COC Results
Arsenic (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Arsenic - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	4	
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	4	
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	11	
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	5	
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	5	
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	2	
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	19	
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	19	
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	14	
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	19	
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	9	
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	11	
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	12	
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	15	
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	15	
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	8	
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	11	
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	10	
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	13	
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	13	
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	9	
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	8	
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	3	
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	6	
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	6	
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	5	
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	9	
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	8	
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	8	
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	13	
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	13	
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	1	U
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	1	
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	6	
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	38	
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	7	
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	12	
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	3	
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	2	
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	5	
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	8	J
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	9	
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	25	
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	3	
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	48	
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	2	
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	2	
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	2	
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	50	U
EMF-IW-1	IW-1	35 - 45	28-Aug-03	50	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	50	U
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	50	U

2-40s Area Historical COC Results
Arsenic (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Arsenic - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
EMF-IW-2	IW-2	35 - 45	28-Aug-03	50	U
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	50	U
EMF-IW-3	IW-3	35 - 45	28-Aug-03	50	U
EMF-IW-4	IW-4	35 - 45	28-Aug-03	50	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	0.7	
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	0.6	
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.6	
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	0.6	
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	50	U
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	50	U
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	0.5	
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	0.5	
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	0.3	
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	0.5	
EMF-WF-33	WF-33	35 - 45	28-Aug-03	50	U
EMF-WF-34	WF-34	35 - 45	28-Aug-03	50	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	50	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	6	
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	12	
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	5	
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	6	
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	3	
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	1	
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	2	
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	49	
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	2	
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	1	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	16	
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	2	
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	1	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	2	
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	6	
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	70	
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	50	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	50	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	50	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	1	
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	1	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	1	
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	4	
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	3	
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	2	
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	1	
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	8	
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	6.2	
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	10	
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	15.4	
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	18	
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	0.5	U

2-40s Area Historical COC Results
Arsenic (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Arsenic - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	0.5	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	0.6	
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	0.5	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	0.3	
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	0.5	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	0.6	
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	0.6	
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	0.6	
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	0.5	
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	0.5	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	0.5	
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	0.5	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	1	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	1	
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	1	
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	19	
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	21.8	
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	27.3	
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	21	
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	21.8	
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	22	
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	18.6	
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	18.6	
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	15	
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	1.7	
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	22.2	
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	16.6	
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	24.5	
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	25.5	
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	18.9	
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	20.5	
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	16	
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	16.2	
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	14	
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	13.9	
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	18	
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	14.6	
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	15.2	
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	14.9	
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	16	
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	18	
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	20	
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	130	
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	2	
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	1	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	4.2	
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	5	
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	1.2	
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	8	
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	5	U
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	3.6	
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	4	

2-40s Area Historical COC Results
Arsenic (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Arsenic - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	9	
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	4.4	
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	3.8	
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	5.4	
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	0.5	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	2.6	
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	2.4	
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	2.6	
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	0.5	
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	0.5	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	1.4	
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	2.7	
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	1.9	
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	1.8	
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	1.8	
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	2.3	
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	3.3	
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	0.9	
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	0.5	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	1.1	
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	2.4	
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	1	
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	0.7	
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1.8	
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	2	
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	1	
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	1	
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	2	
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	0.5	
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	4.7	
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	5	
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	4.9	
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	2.6	
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	2	
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	5	
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	16	
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	9	
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	1	UJ
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	13	
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	8	
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	11	
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	15	
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	4	
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	4	
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	4	
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	28	
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	37	
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	6	
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	1	
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	4	
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	24	
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	5	

2-40s Area Historical COC Results
Arsenic (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Arsenic - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	7	
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	8	
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	9	
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	4	J
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	3	
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	11	
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	11	
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	20	
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	5	
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	2	
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	1	J
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	30	
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	14	
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	42	

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2-40s Area Historical COC Results
Cadmium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Cadmium - 2004 Groundwater Screening Level (Revision 1) = 8.8 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	2	U
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	2	U
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	2	U
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	2	U
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	2	U
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	2	U
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	2	U
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	2	U
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	2	U
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	2	U
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	2	U
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	2	U
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	2	U
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	2	U
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	2	U
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	52	
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	2	U
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	2	U
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	2	U
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	2	U
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	2	U
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	2	U
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	2	U
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	2	U
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	2	U
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	2	U
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	2	U
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	2	U
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	2	U
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	2	U
EMF-IW-1	IW-1	35 - 45	28-Aug-03	2	U
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	2	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	2	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	2	U

2-40s Area Historical COC Results
Cadmium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Cadmium - 2004 Groundwater Screening Level (Revision 1) = 8.8 µg/L					
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	2	U
EMF-IW-3	IW-3	35 - 45	28-Aug-03	2	U
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	2	U
EMF-IW-4	IW-4	35 - 45	28-Aug-03	2	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	0.2	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	2	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	2	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	2	U
EMF-WF-33	WF-33	35 - 45	28-Aug-03	2	U
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	2	U
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	2	U
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	0.2	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	2	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	2	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	2	U
EMF-WF-34	WF-34	35 - 45	28-Aug-03	2	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	2	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	2	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	2	U
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	2	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	2	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	2	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	2	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	2	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	2	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	2	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	2	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	2	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	2	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	2	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	2	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	2	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	2	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	2	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	2	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	2	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	2	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	2	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	2	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	2	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	7	
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	2	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	2	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	2	U
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	2	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	2	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	4	U
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	2	U
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	2	U
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	2	U
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	2	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	2	U

2-40s Area Historical COC Results
Cadmium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Cadmium - 2004 Groundwater Screening Level (Revision 1) = 8.8 µg/L					
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	2	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	2	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	2	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	2	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	2	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	2	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	2	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	2	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	2	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	2	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	2	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	2	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	0.5	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	2	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	2	U
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	2	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	2	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	2	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	2	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	2	U
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	3	
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	2	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	2	U
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	2	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	2	U
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	2	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	2	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	2	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	2	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	2	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	2	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	2	U
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	2	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	2	U
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	2	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	2	U
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	0.5	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	2	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	2	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	2	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	2	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	2	U
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	2	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	2	U
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	2	U
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	2	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	2	U
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	3	
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	5	
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	4	
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	2	U
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	2	U

2-40s Area Historical COC Results
Cadmium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Cadmium - 2004 Groundwater Screening Level (Revision 1) = 8.8 µg/L					
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	2	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	2	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	2	U
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	2	U
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	2	U
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	2	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	2	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	2	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	2	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	2	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	2	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	2	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	2	U
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	2	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	2	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	2	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	2	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	2	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	2	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	2	U
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	2	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	2	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	2	U
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	0.5	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	2	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	2	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	2	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	2	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	2	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	2	U
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	2	U
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	2	U
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	2	U
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	2	U
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	2	U
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	2	U
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	2	U
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	2	U
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	2	U
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	2	U
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	2	U
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	2	U
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	2	U
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	2	U
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	2	U
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	2	U
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	2	U
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	2	U
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	2	U
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	2	U
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	2	U
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	2	U

2-40s Area Historical COC Results
Cadmium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Cadmium - 2004 Groundwater Screening Level (Revision 1) = 8.8 µg/L					
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	2	U
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	2	U
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	2	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	2	U
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	2	U
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	2	U
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	2	U
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	2	U
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	2	U
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	2	U
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	2	U
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	2	U
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	2	U
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	2	U
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	2	U

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2-40s Area Historical COC Results
Copper (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Copper - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	2	U
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	2	U
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	5	
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	2	U
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	2	U
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	2	U
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	3	
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	6	
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	2	U
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	2	U
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	3	
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	5	
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	3	
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	8	
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	2	U
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	3	
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	2	
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	6	
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	4	
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	4	
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	2	U
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	2	
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	5	
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	4	
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	3	
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	2	
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	2	
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	2	U
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	2	
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	12	
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	4	
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	2	U
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	2	U
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	2	U
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	2	U
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	2	U
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	2	
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	2	U
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	2	
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	4	
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	7	
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	8	
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	0.5	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	7.9	
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.5	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	0.5	U

2-40s Area Historical COC Results
Copper (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Copper - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	0.5	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	1.3	
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	0.5	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	1.2	
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	2	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	2	U
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	2	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	2	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	2	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	2	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	2	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	2	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	2	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	2	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	2	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	2	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	2	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	2	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	2	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	2	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	2	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	2	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	2	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	2	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	2	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	16	
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	2	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	2	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	2	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	2	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	2	U
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	2	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	2	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	4	U
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	5	
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	1.6	
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	2	U
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	0.8	
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	2	U
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	2	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	2	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	1	
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	0.5	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	0.5	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	0.5	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	0.6	
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	0.5	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	0.5	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	0.5	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	0.7	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	1	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	1	U

2-40s Area Historical COC Results
Copper (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Copper - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	0.5	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	0.5	U
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	2	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	0.6	
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	0.5	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	0.5	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	0.5	U
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	0.5	
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	0.6	
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	0.5	U
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	0.5	
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	0.5	U
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	0.5	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	2.1	
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	0.5	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	0.5	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	0.5	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	0.5	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	0.5	U
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	0.5	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	0.5	
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	0.5	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	1	U
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	1	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	0.5	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.5	
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	0.5	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	0.5	
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	0.5	U
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	2	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	2	
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	0.7	
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	2	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	0.8	
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	34	
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	47	
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	35.9	
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	2	U
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	2	U
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	0.5	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	3	
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	3.3	
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	1.6	
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	0.6	
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	1.8	
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	2.3	
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	0.8	
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	0.6	
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	1.3	
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	1.2	
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	0.8	
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	1.3	U

2-40s Area Historical COC Results
Copper (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Copper - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	0.6	
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	0.7	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	0.8	
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	0.8	
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	0.9	
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	0.5	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1.5	
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	5	
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	1.1	
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	1	U
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	1	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	0.9	
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1.1	
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	0.5	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	0.7	
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	1.1	
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.5	U
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	0.6	
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	0.6	
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	1	
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	2	U
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	5	U
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	12	
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	2	U
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	2	U
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	2	U
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	2	U
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	2	U
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	2	U
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	2	U
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	2	U
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	2	U
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	12	
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	5	
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	2	U
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	3	
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	9	U
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	2	U
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	2	U
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	4	
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	2	
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	2	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	2	U
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	2	U
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	2	U
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	4	
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	5	
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	3	
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	3	
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	2	U
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	2	U
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	2	

2-40s Area Historical COC Results
Copper (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Copper - 2004 Groundwater Screening Level (Revision 3) = 8 µg/L					
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	2	U
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	8	

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2-40s Area Historical COC Results
Lead (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Lead - 2004 Groundwater Screening Level = 8.1 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	20	U
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	20	U
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	20	U
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	20	U
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	20	U
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	20	U
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	20	U
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	20	U
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	20	U
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	20	U
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	20	U
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	20	U
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	20	U
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	20	U
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	20	U
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	20	U
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	20	U
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	20	U
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	20	U
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	20	U
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	20	U
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	20	U
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	20	U
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	20	U
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	20	U
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	20	U
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	20	U
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	20	U
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	20	U
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	20	U
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	20	U
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	20	U
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	20	U
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	20	U
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	20	U
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	20	U
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	20	U
EMF-IW-1	IW-1	35 - 45	28-Aug-03	20	U
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	20	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	20	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	20	U

2-40s Area Historical COC Results
Lead (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Lead - 2004 Groundwater Screening Level = 8.1 µg/L					
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	20	U
EMF-IW-3	IW-3	35 - 45	28-Aug-03	20	U
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	20	U
EMF-IW-4	IW-4	35 - 45	28-Aug-03	20	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	1	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	1	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	1	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	1	U
EMF-WF-33	WF-33	35 - 45	28-Aug-03	20	U
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	20	U
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	20	U
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	1	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	1	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	1	U
EMF-WF-34	WF-34	35 - 45	28-Aug-03	20	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	20	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	9	
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	2	
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	3	
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	1	
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	1	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	2	
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	4	UB
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	1	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	1	
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	1	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	1	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	1	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	1	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	1	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	20	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	20	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	20	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	20	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	1	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	1	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	1	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	1	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	1	U
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	1	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	1	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	2	U
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	1	U
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	1	U
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	1	U
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	1	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	1	U

2-40s Area Historical COC Results
Lead (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Lead - 2004 Groundwater Screening Level = 8.1 µg/L					
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	1	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	2	UB
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	1	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	1	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	1	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	1	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	1	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	1	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	1	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	1	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	1	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	2	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	2	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	1	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	1	U
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	1	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	1	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	1	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	1	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	1	U
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	1	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	1	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	1	U
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	1	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	1	U
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	1	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	1	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	1	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	1	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	1	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	1	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	1	U
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	1	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	1	U
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	1	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	2	U
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	2	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	1	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	1	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	1	U
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	1	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	2	UB
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	1	U
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	1	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	1	U
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	2	U
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	5	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	5	U
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	1	
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	1	UB

2-40s Area Historical COC Results
Lead (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Lead - 2004 Groundwater Screening Level = 8.1 µg/L					
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	1	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	1	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	1	U
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	1	U
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	1	U
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	1	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	1	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	1	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	1	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	1	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	1	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	1	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	1	U
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	1	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	1	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	1	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	1	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	1	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	1	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	U
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	1	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	1	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	2	U
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	2	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	1	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	1	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	1	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	1	U
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	1	U
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	1	U
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	1	U
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	20	U
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	20	U
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	20	U
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	20	U
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	20	U
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	20	U
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	20	U
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	20	U
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	20	U
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	20	U
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	20	U
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	20	U
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	20	U
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	20	U
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	20	U
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	20	U
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	20	U
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	20	U
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	20	U

2-40s Area Historical COC Results
Lead (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Lead - 2004 Groundwater Screening Level = 8.1 µg/L					
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	20	U
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	20	U
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	20	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	20	U
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	20	U
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	20	U
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	20	U
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	20	U
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	20	U
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	20	U
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	20	U
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	20	U
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	20	U
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	20	U
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	20	U

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2-40s Area Historical COC Results
Manganese (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Manganese - 2004 Groundwater Screening Level = 2000 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	371	
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	365	
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	247	
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	1070	
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	1070	
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	673	
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	370	
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	349	
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	259	
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	521	
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	444	
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	532	
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	418	
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	551	
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	355	
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	678	
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	356	
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	349	
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	278	
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	237	
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	634	
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	318	
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	151	
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	414	
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	550	
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	287	
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	38	
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	221	
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	212	
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	362	
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	366	
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	561	
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	290	
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	234	
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	727	
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	437	
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	441	
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	273	
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	364	
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	459	
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	198	J
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	336	
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	1420	
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	532	
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	1670	
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	126	
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	572	
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	553	
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	1110	
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	992	
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	1050	
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	1460	

2-40s Area Historical COC Results
Manganese (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Manganese - 2004 Groundwater Screening Level = 2000 µg/L					
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	1310	
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	2410	
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	2020	
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	2260	
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	726	
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	2530	
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	672	
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	694	
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1600	
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	849	
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1670	
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	3210	
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	1120	
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	885	
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	4500	
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	1190	
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	713	
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	1260	
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	716	
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	721	
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	2040	
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	575	
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	757	
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	715	
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	674	
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	921	
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	260	
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	6	
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	3300	J
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	4700	J
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	614	
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	197	
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	453	
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	450	
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	264	
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	497	
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	396	
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	188	
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	343	
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	247	
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	441	
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	500	
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	506	
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	512	
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	465	
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	477	
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	475	
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	474	
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	514	
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	161	
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	509	
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	549	

2-40s Area Historical COC Results
Manganese (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Manganese - 2004 Groundwater Screening Level = 2000 µg/L					
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	562	
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	558	
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	1320	
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	939	
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	684	
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	4020	
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	4830	
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	738	
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	681	
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	330	
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	238	
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	361	
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	707	
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	222	
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	108	
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	214	
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	639	
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	583	
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	316	
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	355	
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	291	
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	668	
PL2-444A	GW5-PL2444A-0	10 - 25	15-Aug-95	459	
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	535	
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	216	
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	189	
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	433	
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	178	J
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	436	
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	581	
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	801	
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	311	
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	654	
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	1790	
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	511	
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	396	
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	339	
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	661	
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	6	
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	2100	
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	2120	
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	774	
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	313	
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	351	
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	9	
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	1800	
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	1040	J
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	789	J
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	376	
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	390	
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	248	
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	48	

2-40s Area Historical COC Results
Manganese (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Manganese - 2004 Groundwater Screening Level = 2000 µg/L					
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	4	
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	1660	J
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	458	
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	431	
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	328	

2-40s Area Historical COC Results
Mercury (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Mercury - 2004 Groundwater Screening Level = 0.025 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	0.1	U
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	0.1	U
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	0.1	U
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	0.1	U
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	0.1	U
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	0.1	U
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	0.1	U
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	0.1	U
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	0.1	U
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	0.1	U
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	0.1	U
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	0.1	U
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	0.1	U
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	0.1	U
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	0.1	U
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	0.1	U
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	0.1	U
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	0.1	U
EMF-IW-1	IW-1	35 - 45	28-Aug-03	0.1	U
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	0.1	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	0.1	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	0.1	U

2-40s Area Historical COC Results
Mercury (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Mercury - 2004 Groundwater Screening Level = 0.025 µg/L					
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	0.1	U
EMF-IW-3	IW-3	35 - 45	28-Aug-03	0.1	U
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	0.1	U
EMF-IW-4	IW-4	35 - 45	28-Aug-03	0.1	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	0.1	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	0.1	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.1	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	0.1	U
EMF-WF-33	WF-33	35 - 45	28-Aug-03	0.1	U
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	0.1	U
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	0.1	U
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	0.1	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	0.1	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	0.1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	0.1	U
EMF-WF-34	WF-34	35 - 45	28-Aug-03	0.1	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	0.1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	0.1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	0.1	U
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	0.1	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	0.1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	0.1	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	0.1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	0.1	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	0.1	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	0.1	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	0.1	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	0.1	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	0.1	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	0.1	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	0.1	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	0.1	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	0.1	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	0.1	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	0.1	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	0.1	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	0.1	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	0.1	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	0.1	
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	0.1	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	0.1	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	0.1	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	0.1	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	0.1	UJ
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	0.1	UJ
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	0.1	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	0.1	U
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	0.1	U
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	0.025	U
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	0.1	U
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	0.025	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	0.1	U

2-40s Area Historical COC Results
Mercury (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Mercury - 2004 Groundwater Screening Level = 0.025 µg/L					
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	0.1	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	0.1	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	0.000417	J
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	0.1	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	0.000988	J
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	0.000322	J
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	0.1	U
PL2-420A	GW011023-PL2-420A-F	8 - 18	23-Oct-01	0.00029	J
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	0.0002	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	0.1	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	0.025	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	0.025	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	0.025	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	0.025	UJ
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	0.025	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	0.02	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	0.02	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	0.02	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	0.02	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	0.02	U
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	0.1	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	0.000546	
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	0.1	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	0.000729	J
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	0.000252	J
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	0.1	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	0.0002	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	0.1	U
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	0.025	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	0.025	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	0.025	U
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	0.025	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	0.025	U
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	0.025	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	0.025	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	0.025	UJ
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	0.025	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	0.025	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	0.025	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	0.025	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	0.02	U
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	0.025	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	0.02	U
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	0.02	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	0.02	U
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	0.02	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	0.02	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.02	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	0.02	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	0.02	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	0.02	U
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	0.1	U

2-40s Area Historical COC Results
Mercury (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Mercury - 2004 Groundwater Screening Level = 0.025 µg/L					
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	0.1	U
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	0.025	U
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	0.1	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	0.025	U
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	0.1	U
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	0.1	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.025	U
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	0.1	U
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	0.1	U
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	0.025	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	0.1	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	0.00378	
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	0.1	U
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	0.00199	J
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	0.00106	
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	0.1	U
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	0.00135	
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	0.1	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	0.025	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	0.025	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	0.025	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	0.025	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	0.025	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	0.025	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	0.025	U
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	0.025	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	0.025	UJ
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	0.025	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	0.025	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	0.025	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	0.025	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	0.02	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	0.025	U
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	0.02	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	0.02	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	0.02	U
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	0.02	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	0.02	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.02	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	0.02	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	0.02	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	0.02	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.025	U
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	0.025	U
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	0.025	U
PL2-447A	GW020830-PL2-447A-1	8 - 18	30-Aug-02	0.025	U
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	0.025	U
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	0.1	U
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	0.1	U
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	0.1	U
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	0.1	U
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	0.1	U

2-40s Area Historical COC Results
Mercury (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Mercury - 2004 Groundwater Screening Level = 0.025 µg/L					
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	0.1	U
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	0.1	U
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	0.1	U
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	0.1	U
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	0.1	U
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	0.1	U
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	0.1	U
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	0.1	U
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	0.1	U
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	0.1	U
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	0.1	U
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	0.1	U
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	0.1	U
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	0.1	U
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	0.1	U
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	0.1	U
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	0.1	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	0.1	U
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	0.1	U
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	0.1	U
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	0.1	U
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	0.1	U
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	0.1	U
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	0.1	U
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	0.1	U
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	0.1	U
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	0.1	U

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2-40s Area Historical COC Results
Nickel (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Nickel - 2004 Groundwater Screening Level = 8.2 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	10	U
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	10	U
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	10	U
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	10	U
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	10	U
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	10	U
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	10	U
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	10	U
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	10	U
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	10	U
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	10	U
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	10	U
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	10	U
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	10	U
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	10	U
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	10	U
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	10	U
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	10	U
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	10	U
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	10	U
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	10	U
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	340	
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	10	U
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	10	U
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	10	U
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	10	U
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	10	U
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	10	U
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	10	U
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	10	U
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	10	U
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	10	U
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	10	U
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	10	U
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	10	U
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	10	U
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	10	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	1	
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	0.8	
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.6	
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	0.5	U

2-40s Area Historical COC Results
Nickel (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Nickel - 2004 Groundwater Screening Level = 8.2 µg/L					
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	0.6	
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	0.6	
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	0.6	
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	1.7	
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	10	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	10	U
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	10	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	10	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	10	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	10	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	10	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	10	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	10	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	10	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	10	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	10	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	10	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	10	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	10	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	10	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	10	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	10	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	10	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	10	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	10	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	20	
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	110	
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	170	
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	10	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	10	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	10	
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	10	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	10	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	20	U
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	10	U
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	0.5	
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	10	U
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	1.4	
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	10	U
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	10	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	10	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	0.5	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	0.5	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	0.5	
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	0.7	
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	0.6	
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	0.9	
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	1	
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	0.7	
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	0.9	
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	1	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	1	U

2-40s Area Historical COC Results
Nickel (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Nickel - 2004 Groundwater Screening Level = 8.2 µg/L					
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	0.7	
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	0.7	
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	10	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	0.8	
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	0.7	
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	0.7	
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	0.8	
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	0.8	
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	0.8	
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	0.7	
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	0.6	
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	1.1	
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	0.8	
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	1.6	
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	0.6	
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	0.8	
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	1.1	
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	1.1	
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	0.6	
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	0.6	
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	1.3	
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	0.6	
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	1	U
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	1	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	0.8	
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1.1	
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	0.8	
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	0.5	
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	0.5	U
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	10	
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	10	U
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	2.2	
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	10	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	0.7	
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	240	
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	280	
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	196	
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	10	U
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	10	U
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	1	
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	10	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	2.4	
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	2.3	
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	2.1	
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	0.9	
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	2.8	
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	2.1	
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	1.3	
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	1.4	
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	1.4	
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	1.8	
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	2	

2-40s Area Historical COC Results
Nickel (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Nickel - 2004 Groundwater Screening Level = 8.2 µg/L					
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	1.7	
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	1.2	
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	2	
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	1.8	
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	1.9	
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	1.1	
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1.4	
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	1.6	
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	1.3	
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	2	
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	1	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	1.4	
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	2.6	
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	1.2	
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	1.1	
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	2.1	
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	1	
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	2.1	
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	1.9	
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	2.4	
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	10	U
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	10	U
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	10	U
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	10	U
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	10	U
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	10	U
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	10	U
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	10	U
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	10	U
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	10	U
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	10	U
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	10	U
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	10	U
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	10	U
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	10	U
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	10	U
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	10	U
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	10	U
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	10	U
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	10	U
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	10	U
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	10	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	10	U
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	10	U
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	10	U
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	10	U
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	10	U
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	10	U
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	10	U
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	10	U
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	10	U
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	10	U

2-40s Area Historical COC Results
Nickel (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Nickel - 2004 Groundwater Screening Level = 8.2 µg/L					
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	10	U
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	10	U

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Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Selenium - 2004 Groundwater Screening Level = 71 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	50	U
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	50	U
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	50	U
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	50	U
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	50	U
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	50	U
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	50	U
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	50	U
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	50	U
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	50	U
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	50	U
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	50	U
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	50	U
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	50	U
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	50	U
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	50	U
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	50	U
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	50	U
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	50	U
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	50	U
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	50	U
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	50	U
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	50	U
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	50	U
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	50	U
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	50	U
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	50	U
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	50	U
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	50	U
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	50	U
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	50	U
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	50	U
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	50	U
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	50	U
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	50	U
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	50	U
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	50	U
EMF-IW-1	IW-1	35 - 45	28-Aug-03	50	U
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	50	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	50	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	50	U

2-40s Area Historical COC Results
Selenium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Selenium - 2004 Groundwater Screening Level = 71 µg/L					
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	50	U
EMF-IW-3	IW-3	35 - 45	28-Aug-03	50	U
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	50	U
EMF-IW-4	IW-4	35 - 45	28-Aug-03	50	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	50	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	50	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	50	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	50	U
EMF-WF-33	WF-33	35 - 45	28-Aug-03	50	U
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	50	U
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	50	U
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	50	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	50	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	50	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	50	U
EMF-WF-34	WF-34	35 - 45	28-Aug-03	50	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	50	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	50	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	50	U
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	50	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	50	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	50	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	50	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	50	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	50	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	50	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	50	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	50	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	50	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	50	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	50	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	50	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	50	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	50	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	50	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	50	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	50	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	50	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	50	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	50	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	50	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	50	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	50	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	50	U
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	50	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	60	
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	170	
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	50	U
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	0.5	U
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	50	U
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	0.5	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	50	U

2-40s Area Historical COC Results
Selenium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Selenium - 2004 Groundwater Screening Level = 71 µg/L					
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	50	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	50	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	50	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	50	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	50	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	50	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	1	
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	50	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	50	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	50	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	50	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	50	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	50	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	50	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	50	U
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	50	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	50	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	50	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	50	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	50	U
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	0.5	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	0.5	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	50	U
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	50	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	50	U
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	50	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	50	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	50	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	50	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	50	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	50	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	50	U
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	50	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	50	U
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	50	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	50	U
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	50	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	50	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	50	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	50	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	50	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	50	U
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	50	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	50	U
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	0.6	
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	50	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	1.4	
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	50	U
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	50	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.5	U
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	50	U
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	50	U

2-40s Area Historical COC Results
Selenium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Selenium - 2004 Groundwater Screening Level = 71 µg/L					
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	0.5	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	50	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	50	U
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	50	U
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	50	U
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	50	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	2.6	
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	2	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	50	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	50	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	50	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	50	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	50	U
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	50	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	50	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	50	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	50	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	50	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	50	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	50	U
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	50	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	50	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	50	U
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	50	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	50	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	50	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	50	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	50	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	50	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.5	U
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	0.5	U
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	0.5	U
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	0.5	U
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	50	U
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	50	U
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	50	U
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	50	U
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	50	U
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	50	U
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	50	U
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	50	U
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	50	U
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	50	U
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	50	U
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	50	U
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	50	U
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	50	U
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	50	U
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	50	U
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	50	U
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	50	U
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	50	U

2-40s Area Historical COC Results
Selenium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Selenium - 2004 Groundwater Screening Level = 71 µg/L					
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	50	U
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	50	U
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	50	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	50	U
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	50	U
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	50	U
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	50	U
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	50	U
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	50	U
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	50	U
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	50	U
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	50	U
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	50	U
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	50	U
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	50	U

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Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Thallium - 2004 Groundwater Screening Level = 0.47 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	1	U
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	1	U
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	1	U
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	1	U
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	1	U
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	1	U
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	2	U
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	1	U
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	1	U
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	1	
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	1	U
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	1	U
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	1	U
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	1	U
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	1	U
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	1	U
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	1	U
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	1	U
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	1	U
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	1	U
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	1	U
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	1	U
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	1	U
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	1	U
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	1	U
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	1	U
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	1	U
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	1	U
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	1	U
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	1	U
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	1	U
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	1	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	0.2	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	0.2	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.2	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	0.2	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Thallium - 2004 Groundwater Screening Level = 0.47 µg/L					
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	0.2	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	0.2	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	0.2	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	0.2	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	50	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	50	U
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	50	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	50	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	50	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	50	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	50	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	50	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	50	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	50	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	50	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	50	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	50	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	50	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	50	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	50	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	50	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	50	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	50	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	50	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	50	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	50	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	50	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	50	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	50	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	50	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	50	U
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	50	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	50	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	100	U
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	50	U
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	0.2	U
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	50	U
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	0.2	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	50	U
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	50	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	50	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	0.2	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	0.2	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	0.2	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	0.2	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	0.2	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	0.2	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	0.2	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	0.2	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	0.2	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	0.5	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	0.5	U

2-40s Area Historical COC Results
Thallium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Thallium - 2004 Groundwater Screening Level = 0.47 µg/L					
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	0.2	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	0.2	U
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	50	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	0.2	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	0.2	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	0.2	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	0.2	U
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	0.2	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	0.2	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	0.2	U
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	0.2	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	0.2	U
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	0.2	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	0.2	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	0.2	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	0.2	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	0.2	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	0.2	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	0.2	U
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	0.2	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	0.2	U
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	0.2	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	0.5	U
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	0.5	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	0.2	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.2	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	0.2	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	0.2	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	0.2	U
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	50	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	50	U
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	0.2	U
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	50	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	0.2	U
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	50	U
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	50	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	1	U
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	50	U
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	50	U
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	0.2	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	50	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	0.2	U
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	0.2	U
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	0.2	U
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	0.2	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	0.2	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	0.2	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	0.2	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	0.2	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	0.2	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	0.2	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	0.2	U

2-40s Area Historical COC Results
Thallium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Thallium - 2004 Groundwater Screening Level = 0.47 µg/L					
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	0.2	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	0.2	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	0.2	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	0.2	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	0.2	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	0.2	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	0.2	U
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	0.2	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	0.2	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	0.5	U
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	0.5	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	0.2	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.2	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	0.2	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	0.2	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	0.2	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.2	U
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	0.2	U
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	0.2	U
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	0.2	U
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	1	U
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	1	U
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	1	U
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	1	U
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	1	U
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	1	U

2-40s Area Historical COC Results
Thallium (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Thallium - 2004 Groundwater Screening Level = 0.47 µg/L					
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	1	U

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2-40s Area Historical COC Results
Zinc (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Zinc - 2004 Groundwater Screening Level = 81 µg/L					
DP-3107	DP-0-3107-2-130-PD	11 - 15	10-Sep-02	6	U
DP-3107	DP-5-3107-2-130-PD	11 - 15	10-Sep-02	6	U
DP-3108	DP-0-3108-2-130-PD	11 - 15	10-Sep-02	6	U
DP-4001	DP-0-4001-2-130-PD	11 - 15	05-Sep-02	6	U
DP-4001	DP-5-4001-2-130-PD	11 - 15	05-Sep-02	6	U
DP-4002	DP-0-4002-2-130-PD	11 - 15	05-Sep-02	6	U
DP-4005	DP-0-4005-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4005	DP-1-4005-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4006	DP-0-4006-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4007	DP-0-4007-2-130-PD	11 - 15	22-Aug-02	6	U
DP-4008	DP-0-4008-2-130-PD	11 - 15	22-Aug-02	6	U
DP-4009	DP-5-4009-2-130-PD	11 - 15	22-Aug-02	6	U
DP-4101	DP-0-4101-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4102	DP-0-4102-2-130-PD	11 - 15	21-Aug-02	7	
DP-4103	DP-0-4103-2-130-PD	11 - 15	21-Aug-02	31	
DP-4104	DP-0-4104-2-130-PD	11 - 15	20-Aug-02	6	U
DP-4105	DP-0-4105-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4105	DP-1-4105-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4106	DP-0-4106-2-130-PD	11 - 15	19-Aug-02	6	U
DP-4107	DP-0-4107-2-130-PD	11 - 15	19-Aug-02	6	U
DP-4108	DP-0-4108-2-130-PD	11 - 15	19-Aug-02	6	U
DP-4109	DP-0-4109-2-130-PD	11 - 15	16-Aug-02	9	
DP-4110	DP-0-4110-2-130-PD	11 - 15	20-Aug-02	6	U
DP-4111	DP-0-4111-2-130-PD	11 - 15	19-Aug-02	6	U
DP-4112	DP-0-4112-2-130-PD	11 - 15	19-Aug-02	6	U
DP-4113	DP-0-4113-2-130-PD	11 - 15	19-Aug-02	6	U
DP-4114	DP-0-4114-2-130-PD	11 - 15	20-Aug-02	6	U
DP-4115	DP-0-4115-2-130-PD	11 - 15	16-Aug-02	11	
DP-4115	DP-1-4115-2-130-PD	11 - 15	16-Aug-02	8	
DP-4117	DP-0-4117-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4117	DP-1-4117-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4118	DP-0-4118-2-130-PD	11 - 15	09-Sep-02	24	
DP-4119	DP-0-4119-2-130-PD	11 - 15	09-Sep-02	6	U
DP-4120	DP-0-4120-2-130-PD	10 - 15	18-Sep-02	6	U
DP-4124	DP-0-4124-2-130-PD	11 - 15	12-Sep-02	6	U
DP-4133	DP-0-4133-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4134	DP-0-4134-2-130-PD	11 - 15	21-Aug-02	6	U
DP-4301	DP-0-4301-2-130-PD	10 - 15	18-Sep-02	12	
DP-4302	DP-0-4302-2-130-PD	9.5 - 14.5	18-Sep-02	6	U
DP-4303	DP-0-4303-2-130-PD	11 - 15	18-Sep-02	6	U
DP-4404	DP-0-4404-2-130-PD	11 - 15	30-Aug-02	6	U
DP-4405	DP-0-4405-2-130-PD	10 - 15	25-Sep-02	12	
DP-4406	DP-0-4406-2-130-PD	10 - 15	17-Sep-02	10	
DP-4411	DP-0-4411-2-150-PD	11 - 15	28-Aug-02	6	U
DP-4412	DP-0-4412-2-130-PD	9 - 14	16-Sep-02	6	U
DP-4413	DP-0-4413-2-130-PD	14 - 17	24-Sep-02	6	U
DP-4414	DP-0-4414-2-150-PD	13 - 17	28-Aug-02	11	
DP-4415	DP-0-4415-2-150-PD	13 - 17	28-Aug-02	7	
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	4	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	10	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	10	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	10	U

2-40s Area Historical COC Results
Zinc (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Zinc - 2004 Groundwater Screening Level = 81 µg/L					
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	4	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	10	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	10	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	10	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	16	
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	4	U
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	4	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	4	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	4	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	7	
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	4	
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	4	J
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	4	J
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	4	UJ
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	4	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	4	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	4	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	4	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	4	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	4	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	4	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	4	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	9	
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	8	
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	9	
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	30	
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	4	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	4	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	4	
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	4	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	12	J
GP-04137	GP-04137-0130	13 - 13	16-Feb-95	4	UJ
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	4	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	8	U
PL2-401A	W20-GW1-PL2401A-0	8 - 18	27-Sep-94	4	U
PL2-401A	GW020827-PL2-401A-0	8 - 18	27-Aug-02	9	
PL2-410A	W20-GW1-PL2410A-0	8 - 18	27-Sep-94	4	U
PL2-410A	GW020826-PL2-410A-0	8 - 18	26-Aug-02	8	
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	4	U
PL2-420A	W20-GW1-PL2420A-1	8 - 18	27-Sep-94	4	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	4	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	6	UJ
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	7	
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	6	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	6	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	4	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	6	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	6	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	6	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	33	
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	6	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	10	U

2-40s Area Historical COC Results
Zinc (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Zinc - 2004 Groundwater Screening Level = 81 µg/L					
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	10	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	10	U
PL2-425A	W20-GW1-PL2425A-0	8 - 18	27-Sep-94	4	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	6	UJ
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	6	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	6	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	6	U
PL2-425A	GW020830-PL2-425A-0	8 - 18	30-Aug-02	7	
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	4	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	6	U
PL2-425A	GW040203-PL2-425A-0	8 - 18	03-Feb-04	8	
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	6	U
PL2-425A	PL2-425A-040804	8 - 18	04-Aug-04	6	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	6	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	6	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	6	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	6	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	6	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	6	U
PL2-425A	GW060208-PL2-425A	8 - 18	08-Feb-06	6	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	6	U
PL2-425A	GW060802-PL2-425A	8 - 18	02-Aug-06	6	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	6	U
PL2-425A	GW070205-PL2-425A	8 - 18	05-Feb-07	10	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	10	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	10	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	10	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	10	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	10	U
PL2-430A	W20-GW1-PL2430A-0	15 - 25	27-Sep-94	4	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	4	U
PL2-430A	GW020826-PL2-430A-0	15 - 25	26-Aug-02	7	
PL2-435A	W20-GW1-PL2435A-0	8 - 18	26-Sep-94	4	U
PL2-435A	GW020828-PL2-435A-0	8 - 18	28-Aug-02	10	
PL2-440A	W20-GW1-PL2440A-0	8 - 18	22-Sep-94	1600	
PL2-440A	GW4-PL2440A-0	8 - 18	27-Mar-95	2110	
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	1670	
PL2-441A	W20-GW1-PL2441A-0	8 - 18	22-Sep-94	7	
PL2-441A	GW4-PL2441A-0	8 - 18	27-Mar-95	4	U
PL2-441A	GW020822-PL2-441A-0	8 - 18	22-Aug-02	6	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	4	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	6	UJ
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	12	
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	7	
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	6	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	6	
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	4	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	6	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	6	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	6	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	6	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	6	U

2-40s Area Historical COC Results
Zinc (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Zinc - 2004 Groundwater Screening Level = 81 µg/L					
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	6	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	6	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	6	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	6	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	6	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	8	
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	6	U
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	9	
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	6	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	6	U
PL2-443A	GW070202-PL2-443A	8 - 23	02-Feb-07	10	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	10	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	10	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	10	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	10	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	10	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	12	
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	12	
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	13	
PL2-BF03A	GW020829-PL2-BF03A-0	8 - 18	29-Aug-02	8	
SW-07	DP-0-SW07-2-130-PD	11 - 15	29-Aug-02	6	U
SW-08	DP-0-SW08-2-130-PD	11 - 15	29-Aug-02	6	U
SW-09	DP-0-SW09-2-130-PD	11 - 15	22-Aug-02	7	
SW-10	DP-0-SW10-2-130-PD	11 - 15	22-Aug-02	6	U
SW-12	DP-0-SW12-2-130-PD	11 - 15	30-Aug-02	6	U
SW-13	DP-0-SW13-2-130-PD	11 - 15	23-Aug-02	6	U
SW-14	DP-0-SW14-2-130-PD	11 - 15	22-Aug-02	6	U
SW-15	DP-0-SW15-2-130-PD	11 - 15	22-Aug-02	6	U
SW-16	DP-0-SW16-2-130-PD	11 - 15	20-Aug-02	6	U
SW-17	DP-0-SW17-2-170-PD	15 - 19	20-Aug-02	6	U
SW-18	DP-0-SW18-2-104-PD	10 - 14	16-Aug-02	6	U
SW-19	DP-0-SW19-2-130-PD	11 - 15	23-Aug-02	6	U
SW-20	DP-0-SW20-2-130-PD	11 - 15	22-Aug-02	15	
SW-21	DP-0-SW21-2-130-PD	11 - 15	09-Sep-02	12	
SW-22	DP-0-SW22-2-130-PD	11 - 15	19-Aug-02	6	U
SW-23	DP-0-SW23-2-130-PD	11 - 15	05-Sep-02	6	U
SW-24	DP-0-SW24-2-130-PD	9 - 13	13-Aug-02	9	U
SW-25	DP-0-SW25-2-130-PD	11 - 15	22-Aug-02	6	U
SW-26	DP-0-SW26-2-130-PD	11 - 15	22-Aug-02	6	U
SW-27	DP-0-SW27-2-130-PD	11 - 15	05-Sep-02	6	U
SW-28	DP-5-SW28-2-121-PD	12.1 - 12.1	16-Aug-02	6	U
SW-29	DP-0-SW29-2-125-PD	11 - 15	16-Aug-02	6	U
SW-30	DP-0-SW30-2-140-PD	10 - 14	13-Aug-02	9	U
SW-31	DP-0-SW31-2-150-PD	11 - 15	30-Aug-02	6	U
SW-32	DP-0-SW32-2-150-PD	13 - 17	06-Sep-02	6	U
SW-33	DP-0-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	6	U
SW-33	DP-1-SW33-2-130-PD	9.5 - 14.5	26-Sep-02	6	U
SW-34	DP-0-SW34-2-130-PD	11 - 15	23-Aug-02	6	U
SW-35	DP-0-SW35-2-130-PD	11 - 15	23-Aug-02	6	U
SW-48	DP-0-SW48-2-130-PD	11 - 15	21-Aug-02	6	U
SW-49	DP-0-SW49-2-130-PD	10 - 14	29-Aug-02	6	U
SW-50	DP-0-SW50-2-130-PD	11 - 15	19-Aug-02	6	

2-40s Area Historical COC Results
Zinc (Dissolved) Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Zinc - 2004 Groundwater Screening Level = 81 µg/L					
SW-51	DP-5-SW51-2-130-PD	11 - 15	20-Aug-02	6	U
SW-52	DP-0-SW52-2-130-PD	11 - 15	19-Aug-02	6	U

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2-40s Area Historical COC Results
Cyanide Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Cyanide - 2004 Groundwater Screening Level = 5 µg/L					
DP-3107	DP-0-3107-1-130-PD	11 - 15	10-Sep-02	5	
DP-3107	DP-5-3107-1-130-PD	11 - 15	10-Sep-02	5	
DP-3108	DP-0-3108-1-130-PD	11 - 15	10-Sep-02	8	
DP-4120	DP-0-4120-1-130-PD	10 - 15	18-Sep-02	5	
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	6	
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	6	
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	5	U
DP-4302	DP-0-4302-1-130-PD	9.5 - 14.5	18-Sep-02	5	U
DP-4303	DP-0-4303-1-130-PD	11 - 15	18-Sep-02	7	
DP-4404	DP-0-4404-1-130-PD	11 - 15	30-Aug-02	5	U
DP-4405	DP-0-4405-1-130-PD	10 - 15	25-Sep-02	5	U
DP-4406	DP-0-4406-1-130-PD	10 - 15	17-Sep-02	5	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	280	
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	4	U
GP-04003	GP-04003-1150	15 - 15	18-Nov-94	240	
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	4	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	4	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	4	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	4	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	9	
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	4	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	27	
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	24	
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	4	U
GP-04008	GP-04008-1150	15 - 15	08-Aug-95	27	
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	9	
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	4	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	2	
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	7	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	2	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	2	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	2	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	2	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	4	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	11	
PL2-430A	W14-GW1-PL2-430A-0	15 - 25	16-Dec-93	4	U
PL2-430A	GW020829-PL2-430A-0	15 - 25	29-Aug-02	8	
PL2-430A	GW020829-PL2-430A-0	15 - 25	29-Aug-02	10	
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	580	
PL2-440A	GW5-PL2440A-0	8 - 18	04-Aug-95	570	
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	130	
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	196	
PL2-445A	GW5-PL2445A-0	10 - 25	10-Aug-95	4	UJ
PL2-445A	GW5-PL2445A-1	10 - 25	10-Aug-95	4	UJ
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	2	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	2	U
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	2	U
PL2-446A	GW020829-PL2-446A-0	8 - 18	29-Aug-02	3	J
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	2	U
PL2-447A	GW020830-PL2-447A-0	8 - 18	30-Aug-02	6	
PL2-BF03A	GW020829-PL2-BF03A-	8 - 18	29-Aug-02	4	J
PL2-BF03A	GW020829-PL2-BF03A-	8 - 18	29-Aug-02	3	J

2-40s Area Historical COC Results
Cyanide Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Cyanide - 2004 Groundwater Screening Level = 5 µg/L					
PL2-BF03A	SW020829-PL2-BF03A-	8 - 18	29-Aug-02	5	
PL2-BF03A	SW020829-PL2-BF03A-	8 - 18	29-Aug-02	8	
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	5	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	31	
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	15	
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	12	
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	7	
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	14	
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	30	
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	8	
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	5	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	5	
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	5	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	8	
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	8	
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	9	
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	5	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	5	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	5	U
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	5	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	5	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	5	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	5	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	5	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	5	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	5	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	5	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	5	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	5	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	5	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	5	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	5	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	5	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	24	
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	5	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	5	U

2-40s Area Historical COC Results
Benzo(a)anthracene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(a)anthracene - 2004 Groundwater Screening Level = 0.1 µg/L					
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	0.1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	0.1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	0.1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	UJH
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	UJH
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U

2-40s Area Historical COC Results
Benzo(a)anthracene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(a)anthracene - 2004 Groundwater Screening Level = 0.1 µg/L					
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.1	U
PL2-440A	GW020828-PL2-440A-1	8 - 18	28-Aug-02	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	0.1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	0.1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	0.1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	0.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	0.1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	0.1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	0.1	U

2-40s Area Historical COC Results
Benzo(a)anthracene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(a)anthracene - 2004 Groundwater Screening Level = 0.1 µg/L					
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	0.1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	0.1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	0.1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	0.1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	0.1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U

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2-40s Area Historical COC Results
Benzo(a)pyrene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(a)pyrene - 2004 Groundwater Screening Level = 0.1 µg/L					
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	0.1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	0.1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	0.1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	UJH
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	UJH
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U

2-40s Area Historical COC Results
Benzo(a)pyrene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(a)pyrene - 2004 Groundwater Screening Level = 0.1 µg/L					
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.1	U
PL2-440A	GW020828-PL2-440A-1	8 - 18	28-Aug-02	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	0.1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	0.1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	0.1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	0.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	0.1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	0.1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	0.1	U

2-40s Area Historical COC Results
Benzo(a)pyrene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(a)pyrene - 2004 Groundwater Screening Level = 0.1 µg/L					
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	0.1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	0.1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	0.1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	0.1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	0.1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U

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2-40s Area Historical COC Results
Benzo(b)fluoranthene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(b)fluoranthene - 2004 Groundwater Screening Level = 0.1 µg/L					
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	0.1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	0.1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	0.1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	UJH
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	UJH
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U

2-40s Area Historical COC Results
Benzo(b)fluoranthene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(b)fluoranthene - 2004 Groundwater Screening Level = 0.1 µg/L					
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.1	U
PL2-440A	GW020828-PL2-440A-1	8 - 18	28-Aug-02	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	0.1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	0.1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	0.1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	0.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	0.1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	0.1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	0.1	U

2-40s Area Historical COC Results
Benzo(b)fluoranthene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(b)fluoranthene - 2004 Groundwater Screening Level = 0.1 µg/L					
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	0.1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	0.1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	0.1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	0.1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	0.1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U

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2-40s Area Historical COC Results
Benzo(k)fluoranthene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(k)fluoranthene - 2004 Groundwater Screening Level = 0.1 µg/L					
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	UJ
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	UJ
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	UJ
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	UJ
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	0.1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	UJ
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	0.1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	0.1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	UJ
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	UJH
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	UJH
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U

2-40s Area Historical COC Results
Benzo(k)fluoranthene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(k)fluoranthene - 2004 Groundwater Screening Level = 0.1 µg/L					
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.1	U
PL2-440A	GW020828-PL2-440A-1	8 - 18	28-Aug-02	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	UJ
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	0.1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	UJ
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	UJ
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	0.1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	UJ
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	0.1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	UJ
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	0.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	0.1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	0.1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	0.1	U

2-40s Area Historical COC Results
Benzo(k)fluoranthene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzo(k)fluoranthene - 2004 Groundwater Screening Level = 0.1 µg/L					
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	0.1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	0.1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	UJ
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	0.1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	UJ
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	0.1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	0.1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	UJ
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	UJ

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2-40s Area Historical COC Results
bis(2-ethylhexyl)phthalate Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
bis(2-ethylhexyl)phthalate - 2004 Groundwater Screening Level = 3 µg/L					
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	4	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	4	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	4	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	4.2	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	4	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	4	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	4	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	4	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	4	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	4	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	4	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	4	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	4	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	4	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	4.1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	4	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	4	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	4	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	4	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	4	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	4	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	4	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	UJH
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1.7	JH
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	4	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	4	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	4.2	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	4	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	4	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	4.1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	4	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	4	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	4	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	4	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	4	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	4	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	4.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	4.1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	4	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	4	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	4	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	4.1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	4	U

2-40s Area Historical COC Results
bis(2-ethylhexyl)phthalate Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
bis(2-ethylhexyl)phthalate - 2004 Groundwater Screening Level = 3 µg/L					
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	4	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	4	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	4	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	4	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	4	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	4	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	4	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	4	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	4	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	4	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	4	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	4	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	4	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	4	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	4	U

2-40s Area Historical COC Results
Chrysene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Chrysene - 2004 Groundwater Screening Level = 0.1 µg/L					
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	UJ
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	UJ
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	UJ
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	UJ
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	0.1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	UJ
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	0.1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	0.1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	UJ
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	UJH
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	UJH
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U

2-40s Area Historical COC Results
Chrysene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Chrysene - 2004 Groundwater Screening Level = 0.1 µg/L					
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.1	U
PL2-440A	GW020828-PL2-440A-1	8 - 18	28-Aug-02	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	UJ
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	0.1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	UJ
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	UJ
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	0.1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	UJ
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	0.1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	UJ
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	0.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	0.1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	0.1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	0.1	U

2-40s Area Historical COC Results
Chrysene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Chrysene - 2004 Groundwater Screening Level = 0.1 µg/L					
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	0.1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	0.1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	UJ
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	0.1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	UJ
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	0.1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	0.1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	UJ
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	UJ

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2-40s Area Historical COC Results

Dibenz(a,h)anthracene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Dibenz(a,h)anthracene - 2004 Groundwater Screening Level = 0.1 µg/L					
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	0.1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	0.1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	0.1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	UJH
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	UJH
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U

2-40s Area Historical COC Results
Dibenz(a,h)anthracene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Dibenz(a,h)anthracene - 2004 Groundwater Screening Level = 0.1 µg/L					
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.1	U
PL2-440A	GW020828-PL2-440A-1	8 - 18	28-Aug-02	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	0.1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	0.1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	0.1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	0.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	0.1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	0.1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	0.1	U

2-40s Area Historical COC Results
Dibenz(a,h)anthracene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Dibenz(a,h)anthracene - 2004 Groundwater Screening Level = 0.1 µg/L					
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	0.1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	0.1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	0.1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	0.1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	0.1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U

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2-40s Area Historical COC Results
Indeno(1,2,3-cd)pyrene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Indeno(1,2,3-cd)pyrene - 2004 Groundwater Screening Level = 0.1 µg/L					
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	0.1	U
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	0.1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	0.1	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	0.1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	0.1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	0.1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	0.1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	0.1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	0.1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	0.1	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	0.1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	UJH
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	UJH
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U

2-40s Area Historical COC Results
Indeno(1,2,3-cd)pyrene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Indeno(1,2,3-cd)pyrene - 2004 Groundwater Screening Level = 0.1 µg/L					
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW020828-PL2-440A-0	8 - 18	28-Aug-02	0.1	U
PL2-440A	GW020828-PL2-440A-1	8 - 18	28-Aug-02	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-445A	GW020830-PL2-445A-0	10 - 25	30-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	0.1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	0.1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	0.1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	0.1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	0.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	0.1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	0.1	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	0.1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	0.1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	0.1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	0.1	U

2-40s Area Historical COC Results
Indeno(1,2,3-cd)pyrene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Indeno(1,2,3-cd)pyrene - 2004 Groundwater Screening Level = 0.1 µg/L					
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	0.1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	0.1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	0.1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	0.1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	0.1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	0.1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	0.1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	0.1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	0.1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	0.1	UJ
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U

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2-40s Area Historical COC Results
Aroclor 1254 Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Aroclor 1254 - 2004 Groundwater Screening Level = 0.01 µg/L					
DP-4101	DP-0-4101-1-130-PD	11 - 15	21-Aug-02	1	UJ
DP-4102	DP-0-4102-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4103	DP-0-4103-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1.1	U
DP-4108	DP-0-4108-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1.1	U
DP-4110	DP-0-4110-1-130-PD	11 - 15	20-Aug-02	1.1	U
DP-4111	DP-0-4111-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4112	DP-0-4112-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4113	DP-0-4113-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4114	DP-0-4114-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1.1	U
DP-4116	DP-0-4116-1-130-PD	9 - 14	11-Sep-02	1	U
DP-4125	DP-0-4125-1-130-PD	11 - 15	09-Sep-02	1	U
DP-4126	DP-0-4126-1-130-PD	11 - 15	10-Sep-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1.1	UJ
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4137	DP-0-4137-1-130-PD	11 - 15	05-Sep-02	1	UJ
DP-4138	DP-0-4138-1-130-PD	10 - 15	16-Sep-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	U
DP-4416	DP-0-4416-1-150-PD	11 - 15	06-Sep-02	1	U
DP-4417	DP-0-4417-1-130-PD	11 - 15	05-Sep-02	1	UJ
DP-4418	DP-0-4418-1-150-PD	11 - 15	06-Sep-02	1	U
DP-4419	DP-0-4419-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04001	GP-04001-0190	19 - 19	07-Nov-94	1	U
GP-04001	GP-04001-0240	24 - 24	07-Nov-94	1	U
GP-04002	GP-04002-0190	19 - 19	03-Nov-94	1	U
GP-04002	GP-04002-0240	24 - 24	03-Nov-94	1	U
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	1	U
GP-04101	W20-GP-04101-0230	23 - 23	07-Sep-94	1	U
GP-04102	W20-GP-04102-0130	13 - 13	26-Aug-94	1	U
GP-04102	W20-GP-04102-0230	23 - 23	26-Aug-94	1	U
GP-04103	W20-GP-04103-0130	13 - 13	26-Aug-94	1	U
GP-04103	W20-GP-04103-0230	23 - 23	26-Aug-94	1	U
GP-04103	W20-GP-04103-1130	13 - 13	26-Aug-94	1	U
GP-04104	W20-GP-04104-0130	13 - 13	29-Aug-94	1	U
GP-04104	W20-GP-04104-0230	23 - 23	29-Aug-94	1	U
GP-04105	W20-GP-04105-0130	13 - 13	29-Aug-94	1	U
GP-04105	W20-GP-04105-0230	23 - 23	29-Aug-94	1	U
GP-04106	W20-GP-04106-0130	13 - 13	29-Aug-94	1	U
GP-04106	W20-GP-04106-0230	23 - 23	29-Aug-94	1	U
GP-04107	W20-GP-04107-0130	13 - 13	29-Aug-94	1	U
GP-04107	W20-GP-04107-0230	23 - 23	29-Aug-94	1	U
GP-04108	W20-GP-04108-0130	13 - 13	29-Aug-94	1	U

2-40s Area Historical COC Results
Aroclor 1254 Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Aroclor 1254 - 2004 Groundwater Screening Level = 0.01 µg/L					
GP-04108	W20-GP-04108-0230	23 - 23	29-Aug-94	1	U
GP-04109	W20-GP-04109-0130	13 - 13	30-Aug-94	1	U
GP-04109	W20-GP-04109-0230	23 - 23	30-Aug-94	1	U
GP-04110	W20-GP-04110-0130	13 - 13	30-Aug-94	1	U
GP-04110	W20-GP-04110-0230	23 - 23	30-Aug-94	1	U
GP-04111	W20-GP-04111-0130	13 - 13	30-Aug-94	1	U
GP-04111	W20-GP-04111-0230	23 - 23	30-Aug-94	1	U
GP-04112	W20-GP-04112-0140	14 - 14	30-Aug-94	1	U
GP-04112	W20-GP-04112-0240	24 - 24	30-Aug-94	1	U
GP-04112	W20-GP-04112-1240	24 - 24	30-Aug-94	1	U
GP-04113	W20-GP-04113-0130	13 - 13	31-Aug-94	1	U
GP-04113	W20-GP-04113-0230	23 - 23	31-Aug-94	1	U
GP-04114	W20-GP-04114-0130	13 - 13	31-Aug-94	1	U
GP-04114	W20-GP-04114-0230	23 - 23	31-Aug-94	1	U
GP-04115	W20-GP-04115-0130	13 - 13	31-Aug-94	1	U
GP-04115	W20-GP-04115-0230	23 - 23	31-Aug-94	1	U
GP-04116	W20-GP-04116-0130	13 - 13	31-Aug-94	1	U
GP-04116	W20-GP-04116-0230	23 - 23	31-Aug-94	1	U
GP-04134	GP-04134-0210	21 - 21	09-Nov-94	1	U
GP-04134	GP-04134-0260	26 - 26	09-Nov-94	1	U
GP-04135	GP-04135-0210	21 - 21	10-Nov-94	1	U
GP-04135	GP-04135-0260	26 - 26	10-Nov-94	1	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	1	U
GP-04138	GP-04138-0210	21 - 21	08-Nov-94	1	U
GP-04138	GP-04138-0260	26 - 26	08-Nov-94	1	U
GP-04138	GP-04138-1210	21 - 21	08-Nov-94	1	U
GP-04301	GP-04301-0220	22 - 22	16-Nov-94	1	U
GP-04301	GP-04301-0270	27 - 27	16-Nov-94	1	U
GP-04404	GP-04404-0250	25 - 25	26-Jul-95	1	U
GP-04405	GP-04405-0170	17 - 17	15-Jul-95	1	U
GP-04405	GP-04405-0250	25 - 25	15-Jul-95	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.01	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.01	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	2	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.01	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	UJ
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1.1	U

2-40s Area Historical COC Results
Aroclor 1254 Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Aroclor 1254 - 2004 Groundwater Screening Level = 0.01 µg/L					
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	U
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	UJ
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	UJ
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U

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2-40s Area Historical COC Results
Aroclor 1260 Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Aroclor 1260 - 2004 Groundwater Screening Level = 0.01 µg/L					
DP-4101	DP-0-4101-1-130-PD	11 - 15	21-Aug-02	1	UJ
DP-4102	DP-0-4102-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4103	DP-0-4103-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1.1	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1.1	U
DP-4108	DP-0-4108-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1.1	U
DP-4110	DP-0-4110-1-130-PD	11 - 15	20-Aug-02	1.1	U
DP-4111	DP-0-4111-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4112	DP-0-4112-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4113	DP-0-4113-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4114	DP-0-4114-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1.1	U
DP-4116	DP-0-4116-1-130-PD	9 - 14	11-Sep-02	1	U
DP-4125	DP-0-4125-1-130-PD	11 - 15	09-Sep-02	1	U
DP-4126	DP-0-4126-1-130-PD	11 - 15	10-Sep-02	1	U
DP-4128	DP-0-4128-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1.1	UJ
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	1	U
DP-4137	DP-0-4137-1-130-PD	11 - 15	05-Sep-02	1	UJ
DP-4138	DP-0-4138-1-130-PD	10 - 15	16-Sep-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	U
DP-4416	DP-0-4416-1-150-PD	11 - 15	06-Sep-02	1	U
DP-4417	DP-0-4417-1-130-PD	11 - 15	05-Sep-02	1	UJ
DP-4418	DP-0-4418-1-150-PD	11 - 15	06-Sep-02	1	U
DP-4419	DP-0-4419-1-150-PD	13 - 17	28-Aug-02	1	U
GP-04001	GP-04001-0190	19 - 19	07-Nov-94	1	U
GP-04001	GP-04001-0240	24 - 24	07-Nov-94	1	U
GP-04002	GP-04002-0190	19 - 19	03-Nov-94	1	U
GP-04002	GP-04002-0240	24 - 24	03-Nov-94	1	U
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	1	U
GP-04101	W20-GP-04101-0230	23 - 23	07-Sep-94	1	U
GP-04102	W20-GP-04102-0130	13 - 13	26-Aug-94	1	U
GP-04102	W20-GP-04102-0230	23 - 23	26-Aug-94	1	U
GP-04103	W20-GP-04103-0130	13 - 13	26-Aug-94	1	U
GP-04103	W20-GP-04103-0230	23 - 23	26-Aug-94	1	U
GP-04103	W20-GP-04103-1130	13 - 13	26-Aug-94	1	U
GP-04104	W20-GP-04104-0130	13 - 13	29-Aug-94	1	U
GP-04104	W20-GP-04104-0230	23 - 23	29-Aug-94	1	U
GP-04105	W20-GP-04105-0130	13 - 13	29-Aug-94	1	U
GP-04105	W20-GP-04105-0230	23 - 23	29-Aug-94	1	U
GP-04106	W20-GP-04106-0130	13 - 13	29-Aug-94	1	U
GP-04106	W20-GP-04106-0230	23 - 23	29-Aug-94	1	U
GP-04107	W20-GP-04107-0130	13 - 13	29-Aug-94	1	U
GP-04107	W20-GP-04107-0230	23 - 23	29-Aug-94	1	U
GP-04108	W20-GP-04108-0130	13 - 13	29-Aug-94	1	U

2-40s Area Historical COC Results
Aroclor 1260 Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Aroclor 1260 - 2004 Groundwater Screening Level = 0.01 µg/L					
GP-04108	W20-GP-04108-0230	23 - 23	29-Aug-94	1	U
GP-04109	W20-GP-04109-0130	13 - 13	30-Aug-94	1	U
GP-04109	W20-GP-04109-0230	23 - 23	30-Aug-94	1	U
GP-04110	W20-GP-04110-0130	13 - 13	30-Aug-94	1	U
GP-04110	W20-GP-04110-0230	23 - 23	30-Aug-94	1	U
GP-04111	W20-GP-04111-0130	13 - 13	30-Aug-94	1	U
GP-04111	W20-GP-04111-0230	23 - 23	30-Aug-94	1	U
GP-04112	W20-GP-04112-0140	14 - 14	30-Aug-94	1	U
GP-04112	W20-GP-04112-0240	24 - 24	30-Aug-94	1	U
GP-04112	W20-GP-04112-1240	24 - 24	30-Aug-94	1	U
GP-04113	W20-GP-04113-0130	13 - 13	31-Aug-94	1	U
GP-04113	W20-GP-04113-0230	23 - 23	31-Aug-94	1	U
GP-04114	W20-GP-04114-0130	13 - 13	31-Aug-94	1	U
GP-04114	W20-GP-04114-0230	23 - 23	31-Aug-94	1	U
GP-04115	W20-GP-04115-0130	13 - 13	31-Aug-94	1	U
GP-04115	W20-GP-04115-0230	23 - 23	31-Aug-94	1	U
GP-04116	W20-GP-04116-0130	13 - 13	31-Aug-94	1	U
GP-04116	W20-GP-04116-0230	23 - 23	31-Aug-94	1	U
GP-04134	GP-04134-0210	21 - 21	09-Nov-94	1	U
GP-04134	GP-04134-0260	26 - 26	09-Nov-94	1	U
GP-04135	GP-04135-0210	21 - 21	10-Nov-94	1	U
GP-04135	GP-04135-0260	26 - 26	10-Nov-94	1	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	1	U
GP-04138	GP-04138-0210	21 - 21	08-Nov-94	1	U
GP-04138	GP-04138-0260	26 - 26	08-Nov-94	1	U
GP-04138	GP-04138-1210	21 - 21	08-Nov-94	1	U
GP-04301	GP-04301-0220	22 - 22	16-Nov-94	1	U
GP-04301	GP-04301-0270	27 - 27	16-Nov-94	1	U
GP-04404	GP-04404-0250	25 - 25	26-Jul-95	1	U
GP-04405	GP-04405-0170	17 - 17	15-Jul-95	1	U
GP-04405	GP-04405-0250	25 - 25	15-Jul-95	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	0.01	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-425A	GW070806-PL2-425A	8 - 18	06-Aug-07	0.01	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	2	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	0.01	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	UJ
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1.1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1.1	U

2-40s Area Historical COC Results
Aroclor 1260 Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Aroclor 1260 - 2004 Groundwater Screening Level = 0.01 µg/L					
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	U
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	UJ
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	UJ
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U

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2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
DP-4005	DP-0-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4005	DP-1-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4006	DP-0-4006-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4007	DP-0-4007-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4124	DP-0-4124-1-130-PD	11 - 15	12-Sep-02	5	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	U
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
EMF-GP-70	EMF-GP70-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-70	EMF-GP70-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72-B-61'	61 - 61	16-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	0.6	U
EMF-GP-73	EMF-GP73B-61	61 - 61	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-41'	41 - 41	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-42	41 - 41	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-35'	35 - 35	16-Dec-08	0.2	U
EMF-IW-1	0114IW-1	35 - 45	14-Jan-04	1	U
EMF-IW-1	0304IW1	35 - 45	09-Mar-04	1	U
EMF-IW-1	0413IW1	35 - 45	13-Apr-04	1	U
EMF-IW-1	0526IW1	35 - 45	26-May-04	1	U
EMF-IW-1	0701IW1	35 - 45	01-Jul-04	1	U
EMF-IW-1	0805 IW1	35 - 45	05-Aug-04	1	U
EMF-IW-1	10-04-IW1	35 - 45	14-Oct-04	1	U
EMF-IW-1	1023IW-1	35 - 45	02-Oct-03	1	U
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	1	U
EMF-IW-1	1210IW-1	35 - 45	10-Dec-03	1	U
EMF-IW-1	1210IW-1	35 - 45	10-Dec-03	5	U
EMF-IW-1	EMF-IW1-070725	35 - 45	25-Jul-07	1	U
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	1	U
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	5	U
EMF-IW-1	EMF-IW1-080702	35 - 45	02-Jul-08	5	U
EMF-IW-1	IW-1	35 - 45	28-Aug-03	1	U
EMF-IW-11	EMF-IW11-070725	40 - 50	25-Jul-07	15	U
EMF-IW-11	EMF-IW11-080129	40 - 50	29-Jan-08	1	U
EMF-IW-11	EMF-IW11-080702	40 - 50	02-Jul-08	1	U
EMF-IW-2	0114IW-2	35 - 45	14-Jan-04	2	U
EMF-IW-2	0304IW2	35 - 45	09-Mar-04	3	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
EMF-IW-2	0413IW2	35 - 45	13-Apr-04	1	U
EMF-IW-2	0413IW2	35 - 45	13-Apr-04	3	U
EMF-IW-2	0526IW2	35 - 45	26-May-04	1	U
EMF-IW-2	0701IW2	35 - 45	01-Jul-04	1	U
EMF-IW-2	0805 IW2	35 - 45	05-Aug-04	1	U
EMF-IW-2	10-04-IW2	35 - 45	14-Oct-04	1	U
EMF-IW-2	1023IW-2	35 - 45	02-Oct-03	1	U
EMF-IW-2	1023IW-2	35 - 45	02-Oct-03	10	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	10	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	200	U
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	1	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	3	
EMF-IW-2	IW-2	35 - 45	28-Aug-03	10	U
EMF-IW-3	0114IW-3	35 - 45	14-Jan-04	3	U
EMF-IW-3	0304IW3	35 - 45	09-Mar-04	5	U
EMF-IW-3	0413IW3	35 - 45	13-Apr-04	3	U
EMF-IW-3	0413IW3	35 - 45	13-Apr-04	10	U
EMF-IW-3	0526IW3	35 - 45	26-May-04	5	U
EMF-IW-3	0701IW3	35 - 45	01-Jul-04	1	U
EMF-IW-3	0805 IW3	35 - 45	05-Aug-04	3	U
EMF-IW-3	10-04-IW3	35 - 45	14-Oct-04	5	U
EMF-IW-3	1023IW-3	35 - 45	02-Oct-03	1	U
EMF-IW-3	1023IW-3	35 - 45	02-Oct-03	5	U
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	10	U
EMF-IW-3	1210IW-3	35 - 45	10-Dec-03	1	U
EMF-IW-3	1210IW-3	35 - 45	10-Dec-03	10	U
EMF-IW-3	IW-3	35 - 45	28-Aug-03	6.4	
EMF-IW-3	IW-3	35 - 45	28-Aug-03	15	U
EMF-IW-4	0114IW-4	35 - 45	14-Jan-04	5	U
EMF-IW-4	0413IW4	35 - 45	13-Apr-04	1	U
EMF-IW-4	0413IW4	35 - 45	13-Apr-04	3	U
EMF-IW-4	1023IW-4	35 - 45	02-Oct-03	1	U
EMF-IW-4	1023IW-4	35 - 45	02-Oct-03	5	U
EMF-IW-4	1105 IW-4	35 - 45	05-Nov-03	15	U
EMF-IW-4	1105 IW-4	35 - 45	05-Nov-03	200	U
EMF-IW-4	1210IW-4	35 - 45	10-Dec-03	3	U
EMF-IW-4	EMF-IW4-070726	35 - 45	26-Jul-07	1	U
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	1	U
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	5	U
EMF-IW-4	EMF-IW4-080702	35 - 45	02-Jul-08	3	U
EMF-IW-4	IW-4	35 - 45	28-Aug-03	1	U
EMF-IW-5	EMF-IW5-080130	30 - 45	30-Jan-08	5	U
EMF-IW-5	EMF-IW5-080702	30 - 45	02-Jul-08	5	U
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	1	U
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	10	U
EMF-IW-6	EMF-IW6-080130	30 - 45	30-Jan-08	5	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	1	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	3	U
EMF-IW-7	EMF-IW7-070725	30 - 45	25-Jul-07	1	U
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	1	U
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	10	U
EMF-IW-7	EMF-IW7-080702	30 - 45	02-Jul-08	3	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
EMF-IW-8	EMF-IW8-070725	39 - 49	25-Jul-07	5	U
EMF-IW-8	EMF-IW8-080129	39 - 49	29-Jan-08	1	U
EMF-IW-8	EMF-IW8-080702	39 - 49	02-Jul-08	1	U
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	6.9	
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	10	U
EMF-WF-30	EMF-WF30-030108	40 - 50	08-Jan-03	25	U
EMF-WF-30	EMF-WF30-030707	40 - 50	07-Jul-03	25	U
EMF-WF-30	EMF-WF30-040105	40 - 50	05-Jan-04	20	U
EMF-WF-30	EMF-WF30-070725	40 - 50	25-Jul-07	1	U
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	0.2	U
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	0.6	U
EMF-WF-30	EMF-WF30-080702	40 - 50	02-Jul-08	1	U
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	8.6	
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	20	U
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	10	
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	20	U
EMF-WF-31	EMF-WF31-030108	29 - 39	08-Jan-03	25	U
EMF-WF-31	EMF-WF31-030707	29 - 39	07-Jul-03	50	U
EMF-WF-31	EMF-WF31-040105	29 - 39	05-Jan-04	50	U
EMF-WF-31	EMF-WF31-070725	29 - 39	25-Jul-07	10	U
EMF-WF-31	EMF-WF31-080130	29 - 39	30-Jan-08	10	U
EMF-WF-31	EMF-WF31-080702	29 - 39	02-Jul-08	3	U
EMF-WF-31	EMF-WF31L-021015	29 - 39	15-Oct-02	50	U
EMF-WF-31	EMF-WF31U-021015	29 - 39	15-Oct-02	10	U
EMF-WF-32	EMF WF32-020827	25 - 35	27-Aug-02	1	U
EMF-WF-32	EMF-WF32-030707	25 - 35	07-Jul-03	25	U
EMF-WF-32	EMF-WF32-040105	25 - 35	05-Jan-04	40	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	1	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.2	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	1	U
EMF-WF-32	EMF-WF32L-021015	25 - 35	15-Oct-02	15	U
EMF-WF-32	EMF-WF32M-021015	25 - 35	15-Oct-02	50	U
EMF-WF-32	EMF-WF32m-030108	25 - 35	08-Jan-03	10	U
EMF-WF-32	EMF-WF32U-021015	25 - 35	15-Oct-02	50	U
EMF-WF-33	0114WF-33	35 - 45	14-Jan-04	1	U
EMF-WF-33	0304WF33	35 - 45	09-Mar-04	3	U
EMF-WF-33	0413WF33	35 - 45	13-Apr-04	3	U
EMF-WF-33	0413WF33	35 - 45	13-Apr-04	10	U
EMF-WF-33	0805 WF33	35 - 45	05-Aug-04	1	U
EMF-WF-33	10-04-WF33	35 - 45	14-Oct-04	1	U
EMF-WF-33	1023WF33	35 - 45	02-Oct-03	1.9	
EMF-WF-33	1023WF33	35 - 45	02-Oct-03	10	U
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	10	U
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	100	U
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	10	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	5	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	3	U
EMF-WF-33	WF-33	35 - 45	28-Aug-03	1.6	
EMF-WF-33	WF-33	35 - 45	28-Aug-03	3	U
EMF-WF-34	0114WF-34	35 - 45	14-Jan-04	15	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
EMF-WF-34	0304WF34	35 - 45	09-Mar-04	10	U
EMF-WF-34	0413WF34	35 - 45	13-Apr-04	10	U
EMF-WF-34	0805 WF34	35 - 45	05-Aug-04	10	U
EMF-WF-34	10-04-WF34	35 - 45	14-Oct-04	10	U
EMF-WF-34	EMF-WF34-070725	35 - 45	25-Jul-07	15	U
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	10	U
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	30	U
EMF-WF-34	EMF-WF34-080702	35 - 45	02-Jul-08	20	U
EMF-WF-34	WF-34	35 - 45	28-Aug-03	7.4	
EMF-WF-34	WF-34	35 - 45	28-Aug-03	10	U
EMF-WF-35	0114WF-35	35 - 45	14-Jan-04	15	U
EMF-WF-35	0304WF35	35 - 45	09-Mar-04	15	U
EMF-WF-35	0413WF35	35 - 45	13-Apr-04	15	U
EMF-WF-35	0805 WF35	35 - 45	05-Aug-04	15	U
EMF-WF-35	10-04-WF35	35 - 45	14-Oct-04	20	U
EMF-WF-35	EMF-DUP2-080130	35 - 45	30-Jan-08	10	U
EMF-WF-35	EMF-DUP2-080702	35 - 45	02-Jul-08	10	U
EMF-WF-35	EMF-WF35-070725	35 - 45	25-Jul-07	15	U
EMF-WF-35	EMF-WF35-080130	35 - 45	30-Jan-08	10	U
EMF-WF-35	EMF-WF35-080702	35 - 45	02-Jul-08	10	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	10	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	11	
EMF-WF-36	10-04-WF36	40 - 50	14-Oct-04	10	U
EMF-WF-36	EMF-WF36-070725	40 - 50	25-Jul-07	20	U
EMF-WF-36	EMF-WF36-080129	40 - 50	29-Jan-08	3	U
EMF-WF-36	EMF-WF36-080702	40 - 50	02-Jul-08	1	U
ERDGP-1	ERDGP-1-55	55 - 55	29-Jul-03	1	U
ERDGP-1	ERDGP-1-50	50 - 50	29-Jul-03	1	U
ERDGP-1	ERDGP-1-45	45 - 45	29-Jul-03	1	U
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	1	U
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	5	U
ERDGP-1	ERDGP-1-35	35 - 35	29-Jul-03	1	U
ERDGP-1	ERDGP-1-30	30 - 30	29-Jul-03	1	U
ERDGP-1	ERDGP-6-30	30 - 30	29-Jul-03	1	U
ERDGP-2	ERDGP-2-45	45 - 45	29-Jul-03	1	U
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	1.7	
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	10	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	1	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	15	U
ERDGP-2	ERDGP-2-30	30 - 30	29-Jul-03	1	U
ERDGP-3	ERDGP-3-45	45 - 45	29-Jul-03	1	U
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	2.2	
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	10	U
ERDGP-3	ERDGP-3-35	35 - 35	29-Jul-03	1	U
ERDGP-3	ERDGP-3-30	30 - 30	29-Jul-03	1	U
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	1	U
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	15	U
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	2.4	
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	10	U
ERDGP-4	ERDGP-6-35	40 - 40	29-Jul-03	2.3	
ERDGP-4	ERDGP-6-35	40 - 40	29-Jul-03	10	U
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	1	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	10	U
ERDGP-4	ERDGP-4-30	30 - 30	29-Jul-03	1	U
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	7.3	
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	30	U
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	1	U
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	50	U
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	1	U
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	30	U
ERDGP-5	ERDGP-5-30	30 - 30	29-Jul-03	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	1	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	1	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	1	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	1	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	1	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	1	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	1	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	1	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	1	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	1	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	1	U
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	1	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	1	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	1	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	1	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	1	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	1	U
GP-04140	GP-04140-0450	45 - 45	14-Jul-95	1	U
GP-04140	GP-04140-0250	25 - 25	14-Jul-95	1	U
GP-04140	GP-04140-1250	25 - 25	14-Jul-95	1	U
GP-04140	GP-04140-0150	15 - 15	14-Jul-95	1	U
GP-04141	GP-04141-0450	45 - 45	08-Aug-95	1	U
GP-04141	GP-04141-0250	25 - 25	08-Aug-95	1	U
GP-04141	GP-04141-0170	17 - 17	08-Aug-95	1	U
GP-04142	GP-04142-0450	45 - 45	15-Jul-95	1	U
GP-04142	GP-04142-0250	25 - 25	15-Jul-95	1	U
GP-04142	GP-04142-0150	15 - 15	14-Jul-95	1	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	1	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	1	U
PL2-321A	GW2-PL2321A-0	8 - 18	02-Dec-94	1	U
PL2-401A	GW4-PL2401A-0	8 - 18	14-Mar-95	1	U
PL2-401A	W14-GW1-PL2-401A-0	8 - 18	16-Dec-93	1	U
PL2-410A	W14-GW1-PL2-410A-0	8 - 18	16-Dec-93	1	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	1	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	2	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	1	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	1	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	1	U
PL2-420A	GW030901-PL2-420A-0	8 - 18	01-Sep-03	1	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	1	U
PL2-420A	GW040204-PL2-420A-0	8 - 18	04-Feb-04	1	U
PL2-420A	GW040512-PL2-420A-0	8 - 18	12-May-04	1	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	1	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	1	U
PL2-420A	GW050505-PL2-420A	8 - 18	05-May-05	1	U
PL2-420A	GW050803-PL2-420A	8 - 18	03-Aug-05	1	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	1	U
PL2-420A	GW060206-PL2-420A	8 - 18	06-Feb-06	1	U
PL2-420A	GW060504-PL2-420A	8 - 18	04-May-06	1	U
PL2-420A	GW060801-PL2-420A	8 - 18	01-Aug-06	0.2	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	0.2	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	0.2	U
PL2-420A	GW070502-PL2-420A	8 - 18	02-May-07	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	1	U
PL2-420A	GW080206-PL2-420A	8 - 18	06-Feb-08	1	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	1	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	1	U
PL2-420A	PL2-420A-040803	8 - 18	03-Aug-04	1	U
PL2-420A	W14-GW1-PL2-420A-0	8 - 18	15-Dec-93	1	U
PL2-420A	W14-GW1-PL2-420A-1	8 - 18	15-Dec-93	1	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	1	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	1	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	1	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	1	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	1	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	1	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	1	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	1	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	1	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	1	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	1	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	1	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	1	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	1	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	1	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	0.2	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	1	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	1	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	1	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	1	U
PL2-425A	GW5-PL2425A-0	8 - 18	02-Aug-95	1	U
PL2-425A	GWQ01-PL2425A-0	8 - 18	16-Nov-95	1	U
PL2-425A	GWQ02-PL2425A-0	8 - 18	27-Feb-96	1	U
PL2-425A	GWQ03-PL2425A-0	8 - 18	22-May-96	1	U
PL2-425A	GWQ04-PL2425A-0	8 - 18	26-Aug-96	1	U
PL2-425A	GWQ05-PL2425A-0	8 - 18	19-Nov-96	1	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	1	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
PL2-430A	W14-GW1-PL2-430A-0	15 - 25	16-Dec-93	1	U
PL2-435A	GW4-PL2435A-0	8 - 18	14-Mar-95	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW5-PL2440A-0	8 - 18	04-Aug-95	1	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	1	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	1	U
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	1	U
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	1	U
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	1	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	1	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	1	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	1	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	1	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	1	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	1	U
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	1	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	1	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	1	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	1	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	1	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	1	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	UJ
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	1	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	0.2	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	0.2	U
PL2-443A	GW070206-PL2-443A	8 - 23	06-Feb-07	0.2	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	1	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	1	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	1	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	1	U
PL2-443A	GW5-PL2443A-0	8 - 23	02-Aug-95	1	U
PL2-443A	GWQ01-PL2443A-0	8 - 23	21-Nov-95	1	U
PL2-443A	GWQ01-PL2443A-1	8 - 23	21-Nov-95	1	U
PL2-443A	GWQ02-PL2443A-0	8 - 23	27-Feb-96	1	U
PL2-443A	GWQ03-PL2443A-0	8 - 23	21-May-96	1	U
PL2-443A	GWQ04-PL2443A-0	8 - 23	21-Aug-96	1	U
PL2-443A	GWQ05-PL2443A-0	8 - 23	19-Nov-96	1	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	1	U
PL2-444A	GW5-PL2444A-0	10 - 25	15-Aug-95	1	U
PL2-444A	GWQ01-PL2444A-0	10 - 25	15-Nov-95	1	U
PL2-444A	GWQ02-PL2444A-0	10 - 25	05-Mar-96	1	U
PL2-444A	GWQ03-PL2444A-0	10 - 25	22-May-96	1	U
PL2-444A	GWQ04-PL2444A-0	10 - 25	21-Aug-96	1	U
PL2-444A	GWQ05-PL2444A-0	10 - 25	19-Nov-96	1	U
PL2-445A	GW5-PL2445A-0	10 - 25	10-Aug-95	1	U
PL2-445A	GWQ01-PL2445A-0	10 - 25	14-Nov-95	1	U
PL2-445A	GWQ02-PL2445A-0	10 - 25	28-Feb-96	1	U
PL2-445A	GWQ04-PL2445A-0	10 - 25	23-Aug-96	1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	U
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U
WF-16	WF16-45	45 - 45	04-Mar-02	1	U
WF-16	WF16-35	35 - 35	04-Mar-02	1	U
WF-17	WF17-45	45 - 45	04-Mar-02	1	U
WF-17	WF17-35	35 - 35	04-Mar-02	1	U
WF-18	WF18-45	45 - 45	04-Mar-02	1	U
WF-18	WF18-45D	45 - 45	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	3	U
WF-18	WF18-25	25 - 25	04-Mar-02	1	U
WF-19	WF19-55	55 - 55	04-Mar-02	1	U
WF-19	WF19-45	45 - 45	04-Mar-02	30	U
WF-19	WF19-35	35 - 35	04-Mar-02	3	U
WF-19	WF19-25	25 - 25	04-Mar-02	1	U
WF-20	WF20-45	45 - 45	04-Mar-02	1	U
WF-20	WF20-35	35 - 35	04-Mar-02	1	U
WF-20	WF20-25	25 - 25	04-Mar-02	1	U
WF-21	WF21-45	45 - 45	04-Mar-02	1	U
WF-21	WF21-35	35 - 35	04-Mar-02	1	U
WF-21	WF21-25	25 - 25	04-Mar-02	1	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
WF-22	WF22-45	45 - 45	26-Mar-02	1	U
WF-22	WF22-35	35 - 35	26-Mar-02	1	U
WF-22	WF22-25	25 - 25	26-Mar-02	1	U
WF-23	WF23-45	45 - 45	26-Mar-02	1	U
WF-23	WF23-35	35 - 35	26-Mar-02	1	U
WF-23	WF23-25	25 - 25	26-Mar-02	1	U
WF-24	WF24-45	45 - 45	28-Mar-02	1	U
WF-24	WF24-35	35 - 35	28-Mar-02	1	U
WF-24	WF24-25	25 - 25	28-Mar-02	1	U
WF-25	WF25-55	55 - 55	26-Mar-02	1	U
WF-25	WF25-55	55 - 55	26-Mar-02	3	U
WF-25	WF25-45	45 - 45	26-Mar-02	1	U
WF-25	WF25-45D	45 - 45	26-Mar-02	1	U
WF-25	WF25-35	35 - 35	26-Mar-02	20	U
WF-25	WF25-25	25 - 25	26-Mar-02	1	U
WF-26	WF26-45	45 - 45	26-Mar-02	1	U
WF-26	WF26-35	35 - 35	26-Mar-02	15	U
WF-26	WF26-25	25 - 25	26-Mar-02	1	U
WF-26	WF26-25	25 - 25	26-Mar-02	1	U
WF-27	WF27-45	45 - 45	28-Mar-02	1	U
WF-27	WF27-45D	45 - 45	28-Mar-02	1	U
WF-27	WF27-35	35 - 35	28-Mar-02	1	U
WF-27	WF27-35	35 - 35	28-Mar-02	10	U
WF-27	WF27-25	25 - 25	28-Mar-02	1	U
WF-27B	WF 27B-45	45 - 45	02-May-02	1	U
WF-27B	WF 27B-35	35 - 35	02-May-02	1	U
WF-27B	WF 27B-25	25 - 25	02-May-02	1	U
WF-30	WF 30-40	40 - 40	02-May-02	1	U
WF-30	WF 30-30	30 - 30	02-May-02	1	U
WF-30	WF 30-20	20 - 20	02-May-02	1	U
WF-31	WF31-40	40 - 40	01-May-02	1	U
WF-31	WF31-30	30 - 30	01-May-02	1	U
WF-31	WF31-20	20 - 20	01-May-02	1	U
WF-32	WF32-40	40 - 40	01-May-02	1	U
WF-32	WF32-30	30 - 30	01-May-02	1	U
WF-32	WF32-20	20 - 20	01-May-02	1	U
WF-33	WF33-50	50 - 50	01-May-02	1	U
WF-33	WF33-40	40 - 40	01-May-02	1	U
WF-33	WF33-30	30 - 30	01-May-02	1	U
WF-33	WF33-30D	30 - 30	01-May-02	1	U
WF-33	WF33-20	20 - 20	01-May-02	1	U
WF-34	WF34-40	40 - 40	01-May-02	1	U
WF-34	WF34-30	30 - 30	01-May-02	1	U
WF-34	WF34-20	20 - 20	01-May-02	1	U
WF-35	WF35-40	40 - 40	01-May-02	1	U
WF-35	WF35-30	30 - 30	01-May-02	1	U
WF-35	WF35-20	20 - 20	01-May-02	1	U
WF-37	WF 37-45	45 - 45	02-May-02	3	U
WF-37	WF 37-35	35 - 35	02-May-02	6.6	
WF-37	WF 37-35	35 - 35	02-May-02	15	U
WF-37	WF 37-25	25 - 25	02-May-02	1	U
WF-38	WF 38-40	40 - 40	02-May-02	1	U

2-40s Area Historical COC Results
1,1-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
1,1-Dichloroethene - 2004 Screening Level = 0.382 µg/L					
WF-38	WF 38-30	30 - 30	02-May-02	1	U
WF-38	WF 38-30D	30 - 30	02-May-02	1	U
WF-38	WF 38-20	20 - 20	02-May-02	1	U

2-40s Area Historical COC Results
Benzene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzene - 2004 Groundwater Screening Level = 4.48 µg/L					
DP-4005	DP-0-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4005	DP-1-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4006	DP-0-4006-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4007	DP-0-4007-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4124	DP-0-4124-1-130-PD	11 - 15	12-Sep-02	5	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	U
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
EMF-GP-70	EMF-GP70-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-70	EMF-GP70-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	0.6	U
EMF-GP-72	EMF-GP72A-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72-B-61'	61 - 61	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-35'	35 - 35	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-41'	41 - 41	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-42	41 - 41	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73B-61	61 - 61	16-Dec-08	0.2	U
EMF-IW-1	0526IW1	35 - 45	26-May-04	1	U
EMF-IW-1	EMF-IW1-070725	35 - 45	25-Jul-07	1	U
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	1	U
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	5	U
EMF-IW-1	EMF-IW1-080702	35 - 45	02-Jul-08	5	U
EMF-IW-11	EMF-IW11-070725	40 - 50	25-Jul-07	15	U
EMF-IW-11	EMF-IW11-080129	40 - 50	29-Jan-08	1	U
EMF-IW-11	EMF-IW11-080702	40 - 50	02-Jul-08	1	U
EMF-IW-2	0526IW2	35 - 45	26-May-04	1	U
EMF-IW-3	0526IW3	35 - 45	26-May-04	5	U
EMF-IW-4	EMF-IW4-070726	35 - 45	26-Jul-07	1	U
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	1	U
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	5	U
EMF-IW-4	EMF-IW4-080702	35 - 45	02-Jul-08	3	U
EMF-IW-5	EMF-IW5-080130	30 - 45	30-Jan-08	5	U
EMF-IW-5	EMF-IW5-080702	30 - 45	02-Jul-08	5	U
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	1	U
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	10	U
EMF-IW-6	EMF-IW6-080130	30 - 45	30-Jan-08	5	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	1	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	3	U

2-40s Area Historical COC Results
Benzene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzene - 2004 Groundwater Screening Level = 4.48 µg/L					
EMF-IW-7	EMF-IW7-070725	30 - 45	25-Jul-07	1	U
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	1	U
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	10	U
EMF-IW-7	EMF-IW7-080702	30 - 45	02-Jul-08	3	U
EMF-IW-8	EMF-IW8-070725	39 - 49	25-Jul-07	5	U
EMF-IW-8	EMF-IW8-080129	39 - 49	29-Jan-08	1	U
EMF-IW-8	EMF-IW8-080702	39 - 49	02-Jul-08	1	U
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	1	U
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	10	U
EMF-WF-30	EMF-WF30-030108	40 - 50	08-Jan-03	25	U
EMF-WF-30	EMF-WF30-030707	40 - 50	07-Jul-03	25	U
EMF-WF-30	EMF-WF30-040105	40 - 50	05-Jan-04	20	U
EMF-WF-30	EMF-WF30-070725	40 - 50	25-Jul-07	1	U
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	0.2	U
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	0.6	U
EMF-WF-30	EMF-WF30-080702	40 - 50	02-Jul-08	1	U
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	1	U
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	20	U
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	1	U
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	20	U
EMF-WF-31	EMF-WF31-030108	29 - 39	08-Jan-03	25	U
EMF-WF-31	EMF-WF31-030707	29 - 39	07-Jul-03	50	U
EMF-WF-31	EMF-WF31-040105	29 - 39	05-Jan-04	50	U
EMF-WF-31	EMF-WF31-070725	29 - 39	25-Jul-07	10	U
EMF-WF-31	EMF-WF31-080130	29 - 39	30-Jan-08	10	U
EMF-WF-31	EMF-WF31-080702	29 - 39	02-Jul-08	3	U
EMF-WF-31	EMF-WF31L-021015	29 - 39	15-Oct-02	50	U
EMF-WF-31	EMF-WF31U-021015	29 - 39	15-Oct-02	10	U
EMF-WF-32	EMF WF32-020827	25 - 35	27-Aug-02	1	U
EMF-WF-32	EMF-WF32-030707	25 - 35	07-Jul-03	25	U
EMF-WF-32	EMF-WF32-040105	25 - 35	05-Jan-04	40	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	1	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.2	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	1	U
EMF-WF-32	EMF-WF32L-021015	25 - 35	15-Oct-02	15	U
EMF-WF-32	EMF-WF32M-021015	25 - 35	15-Oct-02	50	U
EMF-WF-32	EMF-WF32m-030108	25 - 35	08-Jan-03	10	U
EMF-WF-32	EMF-WF32U-021015	25 - 35	15-Oct-02	50	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	5	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	3	U
EMF-WF-34	EMF-WF34-070725	35 - 45	25-Jul-07	15	U
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	10	U
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	30	U
EMF-WF-34	EMF-WF34-080702	35 - 45	02-Jul-08	20	U
EMF-WF-35	EMF-DUP2-080130	35 - 45	30-Jan-08	10	U
EMF-WF-35	EMF-DUP2-080702	35 - 45	02-Jul-08	10	U
EMF-WF-35	EMF-WF35-070725	35 - 45	25-Jul-07	15	U
EMF-WF-35	EMF-WF35-080130	35 - 45	30-Jan-08	10	U
EMF-WF-35	EMF-WF35-080702	35 - 45	02-Jul-08	10	U
EMF-WF-36	EMF-WF36-070725	40 - 50	25-Jul-07	20	U

2-40s Area Historical COC Results
Benzene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzene - 2004 Groundwater Screening Level = 4.48 µg/L					
EMF-WF-36	EMF-WF36-080129	40 - 50	29-Jan-08	3	U
EMF-WF-36	EMF-WF36-080702	40 - 50	02-Jul-08	1	U
ERDGP-1	ERDGP-1-30	30 - 30	29-Jul-03	1	U
ERDGP-1	ERDGP-6-30	30 - 30	29-Jul-03	1	U
ERDGP-1	ERDGP-1-35	35 - 35	29-Jul-03	1	U
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	1	U
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	5	U
ERDGP-1	ERDGP-1-45	45 - 45	29-Jul-03	1	U
ERDGP-1	ERDGP-1-50	50 - 50	29-Jul-03	1	U
ERDGP-1	ERDGP-1-55	55 - 55	29-Jul-03	1	U
ERDGP-2	ERDGP-2-30	30 - 30	29-Jul-03	1	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	1	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	15	U
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	1	U
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	10	U
ERDGP-2	ERDGP-2-45	45 - 45	29-Jul-03	1	U
ERDGP-3	ERDGP-3-30	30 - 30	29-Jul-03	1	U
ERDGP-3	ERDGP-3-35	35 - 35	29-Jul-03	1	U
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	1	U
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	10	U
ERDGP-3	ERDGP-3-45	45 - 45	29-Jul-03	1	U
ERDGP-4	ERDGP-4-30	30 - 30	29-Jul-03	1	U
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	1	U
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	10	U
ERDGP-4	ERDGP-6-35	35 - 35	29-Jul-03	1	U
ERDGP-4	ERDGP-6-35	35 - 35	29-Jul-03	10	U
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	1	U
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	10	U
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	1	U
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	15	U
ERDGP-5	ERDGP-5-30	30 - 30	29-Jul-03	1	U
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	1	U
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	30	U
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	1	U
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	50	U
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	1	U
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	30	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	65	
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	1	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	1	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	82	
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	1	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	1	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	1	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	1.2	
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	1	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzene - 2004 Groundwater Screening Level = 4.48 µg/L					
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	1	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	1	U
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	1	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	1	U
GP-04130	W20-GP-04130-0250	25 - 25	14-Jul-94	1	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	1	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	1	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	1	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	1	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	1	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	1	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	1	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	1	U
GP-04140	GP-04140-0150	15 - 15	14-Jul-95	1	U
GP-04140	GP-04140-0250	25 - 25	14-Jul-95	1	U
GP-04140	GP-04140-1250	25 - 25	14-Jul-95	1	U
GP-04140	GP-04140-0450	45 - 45	14-Jul-95	1	U
GP-04141	GP-04141-0170	17 - 17	08-Aug-95	1	U
GP-04141	GP-04141-0250	25 - 25	08-Aug-95	1	U
GP-04141	GP-04141-0450	45 - 45	08-Aug-95	1	U
GP-04142	GP-04142-0150	15 - 15	14-Jul-95	1	U
GP-04142	GP-04142-0250	25 - 25	15-Jul-95	1	U
GP-04142	GP-04142-0450	45 - 45	15-Jul-95	1	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	1	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	1	U
PL2-321A	GW020819-PL2-321A-0	8 - 18	19-Aug-02	1	U
PL2-321A	GW2-PL2321A-0	8 - 18	02-Dec-94	1	U
PL2-401A	GW4-PL2401A-0	8 - 18	14-Mar-95	1	U
PL2-401A	W14-GW1-PL2-401A-0	8 - 18	16-Dec-93	1	U
PL2-410A	W14-GW1-PL2-410A-0	8 - 18	16-Dec-93	1	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	1	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	2	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	1	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	1	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	1	U
PL2-420A	GW030901-PL2-420A-0	8 - 18	01-Sep-03	1	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	1	U
PL2-420A	GW040204-PL2-420A-0	8 - 18	04-Feb-04	1	U
PL2-420A	GW040512-PL2-420A-0	8 - 18	12-May-04	1	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	1	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	1	U
PL2-420A	GW050505-PL2-420A	8 - 18	05-May-05	1	U
PL2-420A	GW050803-PL2-420A	8 - 18	03-Aug-05	1	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	1	U
PL2-420A	GW060206-PL2-420A	8 - 18	06-Feb-06	1	U
PL2-420A	GW060504-PL2-420A	8 - 18	04-May-06	1	U
PL2-420A	GW060801-PL2-420A	8 - 18	01-Aug-06	0.2	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	0.2	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	0.2	U
PL2-420A	GW070502-PL2-420A	8 - 18	02-May-07	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	1	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzene - 2004 Groundwater Screening Level = 4.48 µg/L					
PL2-420A	GW080206-PL2-420A	8 - 18	06-Feb-08	1	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	1	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	1	U
PL2-420A	PL2-420A-040803	8 - 18	03-Aug-04	1	U
PL2-420A	W14-GW1-PL2-420A-0	8 - 18	15-Dec-93	1	U
PL2-420A	W14-GW1-PL2-420A-1	8 - 18	15-Dec-93	1	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	1	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	1	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	1	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	1	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	1	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	1	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	1	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	1	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	1	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	1	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	1	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	1	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	1	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	1	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	1	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	0.2	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	1	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	1	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	1	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	1	U
PL2-425A	GW5-PL2425A-0	8 - 18	02-Aug-95	1	U
PL2-425A	GWQ01-PL2425A-0	8 - 18	16-Nov-95	1	U
PL2-425A	GWQ02-PL2425A-0	8 - 18	27-Feb-96	1	U
PL2-425A	GWQ03-PL2425A-0	8 - 18	22-May-96	1	U
PL2-425A	GWQ04-PL2425A-0	8 - 18	26-Aug-96	1	U
PL2-425A	GWQ05-PL2425A-0	8 - 18	19-Nov-96	1	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	1	U
PL2-430A	W14-GW1-PL2-430A-0	15 - 25	16-Dec-93	1	U
PL2-435A	GW4-PL2435A-0	8 - 18	14-Mar-95	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW5-PL2440A-0	8 - 18	04-Aug-95	1	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	1	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	1	U
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	1	U
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	1	U
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	1	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	1	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	1	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	1	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	1	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	1	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	1	U
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	1	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	1	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	1	U

2-40s Area Historical COC Results
Benzene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzene - 2004 Groundwater Screening Level = 4.48 µg/L					
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	1	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	1	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	1	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	UJ
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	U
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	1	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	0.2	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	0.2	U
PL2-443A	GW070206-PL2-443A	8 - 23	06-Feb-07	0.2	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	1	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	1	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	1	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	1	U
PL2-443A	GW5-PL2443A-0	8 - 23	02-Aug-95	1	U
PL2-443A	GWQ01-PL2443A-0	8 - 23	21-Nov-95	1	U
PL2-443A	GWQ01-PL2443A-1	8 - 23	21-Nov-95	1	U
PL2-443A	GWQ02-PL2443A-0	8 - 23	27-Feb-96	1	U
PL2-443A	GWQ03-PL2443A-0	8 - 23	21-May-96	1	U
PL2-443A	GWQ04-PL2443A-0	8 - 23	21-Aug-96	1	U
PL2-443A	GWQ05-PL2443A-0	8 - 23	19-Nov-96	1	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	1	U
PL2-444A	GW5-PL2444A-0	10 - 25	15-Aug-95	1	U
PL2-444A	GWQ01-PL2444A-0	10 - 25	15-Nov-95	1	U
PL2-444A	GWQ02-PL2444A-0	10 - 25	05-Mar-96	1	U
PL2-444A	GWQ03-PL2444A-0	10 - 25	22-May-96	1	U
PL2-444A	GWQ04-PL2444A-0	10 - 25	21-Aug-96	1	U
PL2-444A	GWQ05-PL2444A-0	10 - 25	19-Nov-96	1	U
PL2-445A	GW5-PL2445A-0	10 - 25	10-Aug-95	1	U
PL2-445A	GWQ01-PL2445A-0	10 - 25	14-Nov-95	1	U
PL2-445A	GWQ02-PL2445A-0	10 - 25	28-Feb-96	1	U
PL2-445A	GWQ04-PL2445A-0	10 - 25	23-Aug-96	1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1.2	
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	UJ
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	U
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	U
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U

2-40s Area Historical COC Results
Benzene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzene - 2004 Groundwater Screening Level = 4.48 µg/L					
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U
WF-16	WF16-35	35 - 35	04-Mar-02	1	U
WF-16	WF16-45	45 - 45	04-Mar-02	1	U
WF-17	WF17-35	35 - 35	04-Mar-02	1	U
WF-17	WF17-45	45 - 45	04-Mar-02	1	U
WF-18	WF18-25	25 - 25	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	3	U
WF-18	WF18-45	45 - 45	04-Mar-02	1	U
WF-18	WF18-45D	45 - 45	04-Mar-02	1	U
WF-19	WF19-25	25 - 25	04-Mar-02	1	U
WF-19	WF19-35	35 - 35	04-Mar-02	3	U
WF-19	WF19-45	45 - 45	04-Mar-02	30	U
WF-19	WF19-55	55 - 55	04-Mar-02	1	U
WF-20	WF20-25	25 - 25	04-Mar-02	1	U
WF-20	WF20-35	35 - 35	04-Mar-02	1	U
WF-20	WF20-45	45 - 45	04-Mar-02	1	U
WF-21	WF21-25	25 - 25	04-Mar-02	1	U
WF-21	WF21-35	35 - 35	04-Mar-02	1	U
WF-21	WF21-45	45 - 45	04-Mar-02	1	U
WF-22	WF22-25	25 - 25	26-Mar-02	1	U
WF-22	WF22-35	35 - 35	26-Mar-02	1	U
WF-22	WF22-45	45 - 45	26-Mar-02	1	U
WF-23	WF23-25	25 - 25	26-Mar-02	1	U
WF-23	WF23-35	35 - 35	26-Mar-02	1	U
WF-23	WF23-45	45 - 45	26-Mar-02	1	U
WF-24	WF24-25	25 - 25	28-Mar-02	1	U
WF-24	WF24-35	35 - 35	28-Mar-02	1	U
WF-24	WF24-45	45 - 45	28-Mar-02	1	U
WF-25	WF25-25	25 - 25	26-Mar-02	1	U
WF-25	WF25-35	35 - 35	26-Mar-02	20	U
WF-25	WF25-45	45 - 45	26-Mar-02	1	U
WF-25	WF25-45D	45 - 45	26-Mar-02	1	U
WF-25	WF25-55	55 - 55	26-Mar-02	1	U
WF-25	WF25-55	55 - 55	26-Mar-02	3	U
WF-26	WF26-25	25 - 25	26-Mar-02	1	U
WF-26	WF26-25	25 - 25	26-Mar-02	1	U
WF-26	WF26-35	35 - 35	26-Mar-02	15	U

2-40s Area Historical COC Results
Benzene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Benzene - 2004 Groundwater Screening Level = 4.48 µg/L					
WF-26	WF26-45	45 - 45	26-Mar-02	1	U
WF-27	WF27-25	25 - 25	28-Mar-02	1	U
WF-27	WF27-35	35 - 35	28-Mar-02	1	U
WF-27	WF27-35	35 - 35	28-Mar-02	10	U
WF-27	WF27-45	45 - 45	28-Mar-02	1	U
WF-27	WF27-45D	45 - 45	28-Mar-02	1	U
WF-27B	WF 27B-25	25 - 25	02-May-02	1	U
WF-27B	WF 27B-35	35 - 35	02-May-02	1	U
WF-27B	WF 27B-45	45 - 45	02-May-02	1	U
WF-30	WF 30-20	20 - 20	02-May-02	1	U
WF-30	WF 30-30	30 - 30	02-May-02	1	U
WF-30	WF 30-40	40 - 40	02-May-02	1	U
WF-31	WF31-20	20 - 20	01-May-02	1	U
WF-31	WF31-30	30 - 30	01-May-02	1	U
WF-31	WF31-40	40 - 40	01-May-02	1	U
WF-32	WF32-20	20 - 20	01-May-02	1	U
WF-32	WF32-30	30 - 30	01-May-02	1	U
WF-32	WF32-40	40 - 40	01-May-02	1	U
WF-33	WF33-20	20 - 20	01-May-02	1	U
WF-33	WF33-30	30 - 30	01-May-02	1	U
WF-33	WF33-30D	30 - 30	01-May-02	1	U
WF-33	WF33-40	40 - 40	01-May-02	1	U
WF-33	WF33-50	50 - 50	01-May-02	1	U
WF-34	WF34-20	20 - 20	01-May-02	1	U
WF-34	WF34-30	30 - 30	01-May-02	1	U
WF-34	WF34-40	40 - 40	01-May-02	1	U
WF-35	WF35-20	20 - 20	01-May-02	1	U
WF-35	WF35-30	30 - 30	01-May-02	1	U
WF-35	WF35-40	40 - 40	01-May-02	1	U
WF-37	WF 37-25	25 - 25	02-May-02	1	U
WF-37	WF 37-35	35 - 35	02-May-02	1	U
WF-37	WF 37-35	35 - 35	02-May-02	15	U
WF-37	WF 37-45	45 - 45	02-May-02	3	U
WF-38	WF 38-20	20 - 20	02-May-02	1	U
WF-38	WF 38-30	30 - 30	02-May-02	1	U
WF-38	WF 38-30D	30 - 30	02-May-02	1	U
WF-38	WF 38-40	40 - 40	02-May-02	1	U

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
DP-4005	DP-0-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4005	DP-1-4005-1-130-PD	11 - 15	21-Aug-02	1.7	
DP-4006	DP-0-4006-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4007	DP-0-4007-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4124	DP-0-4124-1-130-PD	11 - 15	12-Sep-02	5	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	2.6	
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	U
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
EMF-GP-70	EMF-GP70-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-70	EMF-GP70-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	18	E
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	17	
EMF-GP-72	EMF-GP72A-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72-B-61'	61 - 61	16-Dec-08	0.4	
EMF-GP-73	EMF-GP73A-35'	35 - 35	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-41'	41 - 41	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-42	41 - 41	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73B-61	61 - 61	16-Dec-08	0.2	U
EMF-IW-1	0114IW-1	35 - 45	14-Jan-04	1	
EMF-IW-1	0304IW1	35 - 45	09-Mar-04	2.5	
EMF-IW-1	0413IW1	35 - 45	13-Apr-04	3.7	
EMF-IW-1	0526IW1	35 - 45	26-May-04	1	U
EMF-IW-1	0701IW1	35 - 45	01-Jul-04	1	U
EMF-IW-1	0805 IW1	35 - 45	05-Aug-04	1	U
EMF-IW-1	10-04-IW1	35 - 45	14-Oct-04	1	U
EMF-IW-1	1023IW-1	35 - 45	02-Oct-03	3.2	
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	1	U
EMF-IW-1	1210IW-1	35 - 45	10-Dec-03	9.6	
EMF-IW-1	1210IW-1	35 - 45	10-Dec-03	10	
EMF-IW-1	EMF-IW1-050124	35 - 45	24-Jan-05	18	
EMF-IW-1	EMF-IW1-051004	35 - 45	04-Oct-05	1.3	
EMF-IW-1	EMF-IW1-060126	35 - 45	26-Jan-06	2.3	
EMF-IW-1	EMF-IW1-070725	35 - 45	25-Jul-07	1	U
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	6.2	
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	6.2	
EMF-IW-1	EMF-IW1-080702	35 - 45	02-Jul-08	7.5	
EMF-IW-1	IW-1	35 - 45	28-Aug-03	140	
EMF-IW-10	EMF-IW10-040708	40 - 50	08-Jul-04	310	
EMF-IW-10	EMF-IW10-070130	40 - 50	30-Jan-07	0.4	

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
EMF-IW-11	EMF-IW11-040708	40 - 50	08-Jul-04	4700	
EMF-IW-11	EMF-IW11-070725	40 - 50	25-Jul-07	66	
EMF-IW-11	EMF-IW11-080129	40 - 50	29-Jan-08	15	
EMF-IW-11	EMF-IW11-080702	40 - 50	02-Jul-08	2.5	
EMF-IW-2	0114IW-2	35 - 45	14-Jan-04	78	
EMF-IW-2	0304IW2	35 - 45	09-Mar-04	33	
EMF-IW-2	0413IW2	35 - 45	13-Apr-04	9	
EMF-IW-2	0413IW2	35 - 45	13-Apr-04	10	
EMF-IW-2	0526IW2	35 - 45	26-May-04	1	U
EMF-IW-2	0701IW2	35 - 45	01-Jul-04	1.4	
EMF-IW-2	0805 IW2	35 - 45	05-Aug-04	3.5	
EMF-IW-2	10-04-IW2	35 - 45	14-Oct-04	1	U
EMF-IW-2	1023IW-2	35 - 45	02-Oct-03	150	
EMF-IW-2	1023IW-2	35 - 45	02-Oct-03	160	
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	200	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	220	
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	3.4	
EMF-IW-2	EMF-IW2-050124	35 - 45	24-Jan-05	1	U
EMF-IW-2	EMF-IW2-050706	35 - 45	06-Jul-05	4.1	
EMF-IW-2	EMF-IW2-051004	35 - 45	04-Oct-05	1	U
EMF-IW-2	EMF-IW2-060126	35 - 45	26-Jan-06	1	U
EMF-IW-2	EMF-IW2-070130	35 - 45	30-Jan-07	0.2	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	690	E
EMF-IW-2	IW-2	35 - 45	28-Aug-03	920	
EMF-IW-3	0114IW-3	35 - 45	14-Jan-04	22	
EMF-IW-3	0304IW3	35 - 45	09-Mar-04	39	
EMF-IW-3	0413IW3	35 - 45	13-Apr-04	51	
EMF-IW-3	0413IW3	35 - 45	13-Apr-04	62	
EMF-IW-3	0526IW3	35 - 45	26-May-04	40	
EMF-IW-3	0701IW3	35 - 45	01-Jul-04	4	
EMF-IW-3	0805 IW3	35 - 45	05-Aug-04	28	
EMF-IW-3	10-04-IW3	35 - 45	14-Oct-04	40	
EMF-IW-3	1023IW-3	35 - 45	02-Oct-03	130	
EMF-IW-3	1023IW-3	35 - 45	02-Oct-03	140	
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	22	
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	26	
EMF-IW-3	1210IW-3	35 - 45	10-Dec-03	12	
EMF-IW-3	1210IW-3	35 - 45	10-Dec-03	13	
EMF-IW-3	EMF-IW3-050124	35 - 45	24-Jan-05	1.3	
EMF-IW-3	EMF-IW3-051004	35 - 45	04-Oct-05	22	
EMF-IW-3	EMF-IW3-060126	35 - 45	26-Jan-06	12	
EMF-IW-3	IW-3	35 - 45	28-Aug-03	690	E
EMF-IW-3	IW-3	35 - 45	28-Aug-03	880	
EMF-IW-4	0114IW-4	35 - 45	14-Jan-04	78	
EMF-IW-4	0413IW4	35 - 45	13-Apr-04	9.7	
EMF-IW-4	0413IW4	35 - 45	13-Apr-04	12	
EMF-IW-4	1023IW-4	35 - 45	02-Oct-03	140	
EMF-IW-4	1105 IW-4	35 - 45	05-Nov-03	200	U
EMF-IW-4	1105 IW-4	35 - 45	05-Nov-03	210	
EMF-IW-4	1210IW-4	35 - 45	10-Dec-03	4.1	
EMF-IW-4	EMF-IW-4-040707	35 - 45	07-Jul-04	3100	
EMF-IW-4	EMF-IW4-070726	35 - 45	26-Jul-07	1	U

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	40	
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	40	
EMF-IW-4	EMF-IW4-080702	35 - 45	02-Jul-08	35	
EMF-IW-4	IW-4	35 - 45	28-Aug-03	140	
EMF-IW-5	EMF-IW-5-040707	30 - 45	07-Jul-04	930	
EMF-IW-5	EMF-IW5-050706	30 - 45	06-Jul-05	720	E
EMF-IW-5	EMF-IW5-050706	30 - 45	06-Jul-05	630	
EMF-IW-5	EMF-IW5-060724	30 - 45	24-Jul-06	600	
EMF-IW-5	EMF-IW5-080130	30 - 45	30-Jan-08	220	
EMF-IW-5	EMF-IW5-080702	30 - 45	02-Jul-08	5	U
EMF-IW-6	EMF-IW-6-040707	30 - 45	07-Jul-04	35	
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	1	U
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	10	U
EMF-IW-6	EMF-IW6-080130	30 - 45	30-Jan-08	5	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	1	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	3	U
EMF-IW-7	EMF-IW7-040708	30 - 45	08-Jul-04	34	
EMF-IW-7	EMF-IW7-050706	30 - 45	06-Jul-05	4.3	
EMF-IW-7	EMF-IW7-051004	30 - 45	04-Oct-05	1	U
EMF-IW-7	EMF-IW7-060126	30 - 45	26-Jan-06	1	U
EMF-IW-7	EMF-IW7-060724	30 - 45	24-Jul-06	2	
EMF-IW-7	EMF-IW7-070130	30 - 45	30-Jan-07	1	
EMF-IW-7	EMF-IW7-070725	30 - 45	25-Jul-07	1	U
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	10	U
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	2.7	
EMF-IW-7	EMF-IW7-080702	30 - 45	02-Jul-08	3	U
EMF-IW-8	EMF-IW8-040708	39 - 49	08-Jul-04	2300	
EMF-IW-8	EMF-IW8-070725	39 - 49	25-Jul-07	5	U
EMF-IW-8	EMF-IW8-080129	39 - 49	29-Jan-08	9.8	
EMF-IW-8	EMF-IW8-080702	39 - 49	02-Jul-08	1.2	
EMF-IW-9	EMF-IW9-040708	39 - 49	08-Jul-04	2000	
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	890	E
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	2100	E
EMF-WF-30	EMF-WF30-030108	40 - 50	08-Jan-03	2600	
EMF-WF-30	EMF-WF30-030707	40 - 50	07-Jul-03	1600	
EMF-WF-30	EMF-WF30-040105	40 - 50	05-Jan-04	950	
EMF-WF-30	EMF-WF30-040707	40 - 50	07-Jul-04	900	
EMF-WF-30	EMF-WF30-050121	40 - 50	21-Jan-05	730	
EMF-WF-30	EMF-WF30-050706	40 - 50	06-Jul-05	430	
EMF-WF-30	EMF-WF30-060126	40 - 50	26-Jan-06	150	
EMF-WF-30	EMF-WF30-060126	40 - 50	26-Jan-06	160	
EMF-WF-30	EMF-WF30-060724	40 - 50	24-Jul-06	440	
EMF-WF-30	EMF-WF30-070725	40 - 50	25-Jul-07	1.7	
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	4.2	
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	4.1	
EMF-WF-30	EMF-WF30-080702	40 - 50	02-Jul-08	1	U
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	850	E
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	1900	
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	940	E
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	2200	
EMF-WF-31	EMF-WF31-030108	29 - 39	08-Jan-03	3600	
EMF-WF-31	EMF-WF31-030707	29 - 39	07-Jul-03	3400	

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
EMF-WF-31	EMF-WF31-040105	29 - 39	05-Jan-04	1400	
EMF-WF-31	EMF-WF31-040707	29 - 39	07-Jul-04	1200	
EMF-WF-31	EMF-WF31-050121	29 - 39	21-Jan-05	540	
EMF-WF-31	EMF-WF31-050706	29 - 39	06-Jul-05	470	
EMF-WF-31	EMF-WF31-051005	29 - 39	05-Oct-05	280	
EMF-WF-31	EMF-WF31-060126	29 - 39	26-Jan-06	160	
EMF-WF-31	EMF-WF31-060724	29 - 39	24-Jul-06	180	
EMF-WF-31	EMF-WF31-070130	29 - 39	30-Jan-07	20	U
EMF-WF-31	EMF-WF31-070725	29 - 39	25-Jul-07	10	U
EMF-WF-31	EMF-WF31-080130	29 - 39	30-Jan-08	10	U
EMF-WF-31	EMF-WF31-080702	29 - 39	02-Jul-08	3	U
EMF-WF-31	EMF-WF31L-021015	29 - 39	15-Oct-02	4100	
EMF-WF-31	EMF-WF31U-021015	29 - 39	15-Oct-02	280	
EMF-WF-32	EMF WF32-020827	25 - 35	27-Aug-02	500	
EMF-WF-32	EMF-WF32-030707	25 - 35	07-Jul-03	120	
EMF-WF-32	EMF-WF32-040105	25 - 35	05-Jan-04	40	U
EMF-WF-32	EMF-WF32-040707	25 - 35	07-Jul-04	20	U
EMF-WF-32	EMF-WF32-050121	25 - 35	21-Jan-05	20	U
EMF-WF-32	EMF-WF32-050706	25 - 35	06-Jul-05	15	U
EMF-WF-32	EMF-WF32-060125	25 - 35	25-Jan-06	1	U
EMF-WF-32	EMF-WF32-060724	25 - 35	24-Jul-06	1	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	0.2	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	1	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.2	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	1	U
EMF-WF-32	EMF-WF32L-021015	25 - 35	15-Oct-02	57	
EMF-WF-32	EMF-WF32M-021015	25 - 35	15-Oct-02	370	
EMF-WF-32	EMF-WF32m-030108	25 - 35	08-Jan-03	10	U
EMF-WF-32	EMF-WF32U-021015	25 - 35	15-Oct-02	340	
EMF-WF-33	0114WF-33	35 - 45	14-Jan-04	38	
EMF-WF-33	0304WF33	35 - 45	09-Mar-04	44	
EMF-WF-33	0413WF33	35 - 45	13-Apr-04	96	
EMF-WF-33	0413WF33	35 - 45	13-Apr-04	130	
EMF-WF-33	0805 WF33	35 - 45	05-Aug-04	1	U
EMF-WF-33	10-04-WF33	35 - 45	14-Oct-04	2.7	
EMF-WF-33	1023WF33	35 - 45	02-Oct-03	470	E
EMF-WF-33	1023WF33	35 - 45	02-Oct-03	450	
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	430	
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	460	
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	630	
EMF-WF-33	EMF-WF33-050124	35 - 45	24-Jan-05	25	
EMF-WF-33	EMF-WF33-050706	35 - 45	06-Jul-05	200	
EMF-WF-33	EMF-WF33-051005	35 - 45	05-Oct-05	2.1	
EMF-WF-33	EMF-WF33-060126	35 - 45	26-Jan-06	1	U
EMF-WF-33	EMF-WF33-060126	35 - 45	26-Jan-06	5	U
EMF-WF-33	EMF-WF33-060724	35 - 45	24-Jul-06	2.2	
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	66	ES
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	100	
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	5	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	4.1	
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	3	U

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
EMF-WF-33	WF-33	35 - 45	28-Aug-03	320	E
EMF-WF-33	WF-33	35 - 45	28-Aug-03	320	
EMF-WF-34	0114WF-34	35 - 45	14-Jan-04	1400	
EMF-WF-34	0304WF34	35 - 45	09-Mar-04	1100	
EMF-WF-34	0413WF34	35 - 45	13-Apr-04	970	
EMF-WF-34	0805 WF34	35 - 45	05-Aug-04	880	
EMF-WF-34	10-04-WF34	35 - 45	14-Oct-04	1200	
EMF-WF-34	EMF-WF34-050124	35 - 45	24-Jan-05	750	
EMF-WF-34	EMF-WF34-050706	35 - 45	06-Jul-05	670	E
EMF-WF-34	EMF-WF34-050706	35 - 45	06-Jul-05	630	
EMF-WF-34	EMF-WF34-051005	35 - 45	05-Oct-05	1600	E
EMF-WF-34	EMF-WF34-051005	35 - 45	05-Oct-05	2200	
EMF-WF-34	EMF-WF34-060126	35 - 45	26-Jan-06	1300	E
EMF-WF-34	EMF-WF34-060126	35 - 45	26-Jan-06	1100	
EMF-WF-34	EMF-WF34-060724	35 - 45	24-Jul-06	1500	
EMF-WF-34	EMF-WF34-070130	35 - 45	30-Jan-07	1500	
EMF-WF-34	EMF-WF34-070725	35 - 45	25-Jul-07	600	
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	220	
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	210	
EMF-WF-34	EMF-WF34-080702	35 - 45	02-Jul-08	31	
EMF-WF-34	WF-34	35 - 45	28-Aug-03	1100	E
EMF-WF-34	WF-34	35 - 45	28-Aug-03	1400	
EMF-WF-35	0114WF-35	35 - 45	14-Jan-04	1600	
EMF-WF-35	0304WF35	35 - 45	09-Mar-04	1400	
EMF-WF-35	0413WF35	35 - 45	13-Apr-04	1300	
EMF-WF-35	0805 WF35	35 - 45	05-Aug-04	2000	
EMF-WF-35	10-04-WF35	35 - 45	14-Oct-04	1300	
EMF-WF-35	EMF-DUP2-080130	35 - 45	30-Jan-08	10	U
EMF-WF-35	EMF-DUP2-080702	35 - 45	02-Jul-08	10	U
EMF-WF-35	EMF-DUP-3-070130	35 - 45	30-Jan-07	10	U
EMF-WF-35	EMF-WF35-050124	35 - 45	24-Jan-05	440	
EMF-WF-35	EMF-WF35-050706	35 - 45	06-Jul-05	270	
EMF-WF-35	EMF-WF35-051005	35 - 45	05-Oct-05	150	
EMF-WF-35	EMF-WF35-060126	35 - 45	26-Jan-06	56	
EMF-WF-35	EMF-WF35-060724	35 - 45	24-Jul-06	25	
EMF-WF-35	EMF-WF35-070130	35 - 45	30-Jan-07	15	U
EMF-WF-35	EMF-WF35-070725	35 - 45	25-Jul-07	15	U
EMF-WF-35	EMF-WF35-080130	35 - 45	30-Jan-08	10	U
EMF-WF-35	EMF-WF35-080702	35 - 45	02-Jul-08	10	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	1300	E
EMF-WF-35	WF-35	35 - 45	28-Aug-03	1800	
EMF-WF-36	10-04-WF36	40 - 50	14-Oct-04	1300	
EMF-WF-36	EMF-WF36-040707	40 - 50	07-Jul-04	4200	
EMF-WF-36	EMF-WF36-050121	40 - 50	21-Jan-05	3200	
EMF-WF-36	EMF-WF36-050706	40 - 50	06-Jul-05	2900	
EMF-WF-36	EMF-WF36-060125	40 - 50	25-Jan-06	1800	
EMF-WF-36	EMF-WF36-060724	40 - 50	24-Jul-06	260	
EMF-WF-36	EMF-WF36-070725	40 - 50	25-Jul-07	20	U
EMF-WF-36	EMF-WF36-080129	40 - 50	29-Jan-08	3	U
EMF-WF-36	EMF-WF36-080702	40 - 50	02-Jul-08	1	U
ERDGP-1	ERDGP-1-30	30 - 30	29-Jul-03	1	U
ERDGP-1	ERDGP-6-30	30 - 30	29-Jul-03	1	U

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
ERDGP-1	ERDGP-1-35	35 - 35	29-Jul-03	1	U
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	5	U
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	1.3	
ERDGP-1	ERDGP-1-45	45 - 45	29-Jul-03	1	U
ERDGP-1	ERDGP-1-50	50 - 50	29-Jul-03	1	U
ERDGP-1	ERDGP-1-55	55 - 55	29-Jul-03	1	U
ERDGP-2	ERDGP-2-30	30 - 30	29-Jul-03	1	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	15	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	1.3	
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	910	
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	520	
ERDGP-2	ERDGP-2-45	45 - 45	29-Jul-03	1.2	
ERDGP-3	ERDGP-3-30	30 - 30	29-Jul-03	1	U
ERDGP-3	ERDGP-3-35	35 - 35	29-Jul-03	9.2	
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	570	E
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	720	
ERDGP-3	ERDGP-3-45	45 - 45	29-Jul-03	1	U
ERDGP-4	ERDGP-4-30	30 - 30	29-Jul-03	1	U
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	110	
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	100	
ERDGP-4	ERDGP-6-35	35 - 35	29-Jul-03	530	E
ERDGP-4	ERDGP-6-35	35 - 35	29-Jul-03	690	
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	550	E
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	650	
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	94	
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	83	
ERDGP-5	ERDGP-5-30	30 - 30	29-Jul-03	1	U
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	200	
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	190	
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	200	
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	180	
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	910	E
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	1300	
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	1	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	1	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	1	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	1	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	1	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	1	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	1	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	1	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	1	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	1	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	1	U
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	1	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	1	U

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
GP-04130	W20-GP-04130-0250	25 - 25	14-Jul-94	1	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	1	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	1	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	1	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	1.2	
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	1	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	2.5	
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	1	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	1.8	
GP-04140	GP-04140-0150	15 - 15	14-Jul-95	1	U
GP-04140	GP-04140-0250	25 - 25	14-Jul-95	9.6	
GP-04140	GP-04140-1250	25 - 25	14-Jul-95	9.5	
GP-04140	GP-04140-0450	45 - 45	14-Jul-95	1	U
GP-04141	GP-04141-0170	17 - 17	08-Aug-95	1	U
GP-04141	GP-04141-0250	25 - 25	08-Aug-95	1	U
GP-04141	GP-04141-0450	45 - 45	08-Aug-95	1	U
GP-04142	GP-04142-0150	15 - 15	14-Jul-95	1	U
GP-04142	GP-04142-0250	25 - 25	15-Jul-95	1	U
GP-04142	GP-04142-0450	45 - 45	15-Jul-95	1	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	1	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	1	U
PL2-321A	GW2-PL2321A-0	8 - 18	02-Dec-94	1.3	
PL2-401A	GW4-PL2401A-0	8 - 18	14-Mar-95	1	U
PL2-401A	W14-GW1-PL2-401A-0	8 - 18	16-Dec-93	1	U
PL2-410A	W14-GW1-PL2-410A-0	8 - 18	16-Dec-93	1	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	1	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	2	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	1	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	1	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	1	U
PL2-420A	GW030901-PL2-420A-0	8 - 18	01-Sep-03	1	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	1	U
PL2-420A	GW040204-PL2-420A-0	8 - 18	04-Feb-04	1	U
PL2-420A	GW040512-PL2-420A-0	8 - 18	12-May-04	1	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	1	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	1	U
PL2-420A	GW050505-PL2-420A	8 - 18	05-May-05	1	U
PL2-420A	GW050803-PL2-420A	8 - 18	03-Aug-05	1	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	1	U
PL2-420A	GW060206-PL2-420A	8 - 18	06-Feb-06	1	U
PL2-420A	GW060504-PL2-420A	8 - 18	04-May-06	1	U
PL2-420A	GW060801-PL2-420A	8 - 18	01-Aug-06	0.2	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	0.2	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	0.2	U
PL2-420A	GW070502-PL2-420A	8 - 18	02-May-07	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	1	U
PL2-420A	GW080206-PL2-420A	8 - 18	06-Feb-08	1	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	1	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	1	U
PL2-420A	PL2-420A-040803	8 - 18	03-Aug-04	1	U
PL2-420A	W14-GW1-PL2-420A-0	8 - 18	15-Dec-93	1	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
PL2-420A	W14-GW1-PL2-420A-1	8 - 18	15-Dec-93	1	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	1	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	1	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	1	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	1	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	1	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	1	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	1	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	1	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	1	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	1	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	1	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	1	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	1	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	1	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	1	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	0.2	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	1	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	1	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	1	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	1	U
PL2-425A	GW5-PL2425A-0	8 - 18	02-Aug-95	1	U
PL2-425A	GWQ01-PL2425A-0	8 - 18	16-Nov-95	1	U
PL2-425A	GWQ02-PL2425A-0	8 - 18	27-Feb-96	1	U
PL2-425A	GWQ03-PL2425A-0	8 - 18	22-May-96	1	U
PL2-425A	GWQ04-PL2425A-0	8 - 18	26-Aug-96	1	U
PL2-425A	GWQ05-PL2425A-0	8 - 18	19-Nov-96	1	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	1	U
PL2-430A	W14-GW1-PL2-430A-0	15 - 25	16-Dec-93	1	U
PL2-435A	GW4-PL2435A-0	8 - 18	14-Mar-95	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW5-PL2440A-0	8 - 18	04-Aug-95	1	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	1	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	1.4	
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	1.6	
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	1.2	
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	1	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	1	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	1	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	1	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	1	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	1	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	1	U
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	1	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	1	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	1	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	1	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	1	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	1	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	UJ
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	U

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	1	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	0.4	
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	0.4	
PL2-443A	GW070206-PL2-443A	8 - 23	06-Feb-07	0.6	
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	1	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	1	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	1	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	1	U
PL2-443A	GW5-PL2443A-0	8 - 23	02-Aug-95	1	U
PL2-443A	GWQ01-PL2443A-0	8 - 23	21-Nov-95	1	U
PL2-443A	GWQ01-PL2443A-1	8 - 23	21-Nov-95	1	U
PL2-443A	GWQ02-PL2443A-0	8 - 23	27-Feb-96	1	U
PL2-443A	GWQ03-PL2443A-0	8 - 23	21-May-96	1	U
PL2-443A	GWQ04-PL2443A-0	8 - 23	21-Aug-96	1	U
PL2-443A	GWQ05-PL2443A-0	8 - 23	19-Nov-96	1	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	1	U
PL2-444A	GW5-PL2444A-0	10 - 25	15-Aug-95	1	U
PL2-444A	GWQ01-PL2444A-0	10 - 25	15-Nov-95	1	U
PL2-444A	GWQ02-PL2444A-0	10 - 25	05-Mar-96	1	U
PL2-444A	GWQ03-PL2444A-0	10 - 25	22-May-96	1	U
PL2-444A	GWQ04-PL2444A-0	10 - 25	21-Aug-96	1	U
PL2-444A	GWQ05-PL2444A-0	10 - 25	19-Nov-96	1	U
PL2-445A	GW5-PL2445A-0	10 - 25	10-Aug-95	1	U
PL2-445A	GWQ01-PL2445A-0	10 - 25	14-Nov-95	1	U
PL2-445A	GWQ02-PL2445A-0	10 - 25	28-Feb-96	1	U
PL2-445A	GWQ04-PL2445A-0	10 - 25	23-Aug-96	1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	2.2	
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	U
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U
WF-16	WF16-35	35 - 35	04-Mar-02	1	U
WF-16	WF16-45	45 - 45	04-Mar-02	1	U
WF-17	WF17-35	35 - 35	04-Mar-02	1	U
WF-17	WF17-45	45 - 45	04-Mar-02	1	U
WF-18	WF18-25	25 - 25	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	3	U
WF-18	WF18-45	45 - 45	04-Mar-02	1	U
WF-18	WF18-45D	45 - 45	04-Mar-02	1	U
WF-19	WF19-25	25 - 25	04-Mar-02	1	U
WF-19	WF19-35	35 - 35	04-Mar-02	250	
WF-19	WF19-45	45 - 45	04-Mar-02	5200	
WF-19	WF19-55	55 - 55	04-Mar-02	21	
WF-20	WF20-25	25 - 25	04-Mar-02	1	U
WF-20	WF20-35	35 - 35	04-Mar-02	14	
WF-20	WF20-45	45 - 45	04-Mar-02	1	U
WF-21	WF21-25	25 - 25	04-Mar-02	1.2	
WF-21	WF21-35	35 - 35	04-Mar-02	1	U
WF-21	WF21-45	45 - 45	04-Mar-02	1	U
WF-22	WF22-25	25 - 25	26-Mar-02	1	U
WF-22	WF22-35	35 - 35	26-Mar-02	1	U
WF-22	WF22-45	45 - 45	26-Mar-02	1	U
WF-23	WF23-25	25 - 25	26-Mar-02	1	U
WF-23	WF23-35	35 - 35	26-Mar-02	1	U
WF-23	WF23-45	45 - 45	26-Mar-02	1	U
WF-24	WF24-25	25 - 25	28-Mar-02	1	U
WF-24	WF24-35	35 - 35	28-Mar-02	1	U
WF-24	WF24-45	45 - 45	28-Mar-02	1	U
WF-25	WF25-25	25 - 25	26-Mar-02	1	U
WF-25	WF25-35	35 - 35	26-Mar-02	3500	
WF-25	WF25-45	45 - 45	26-Mar-02	4.2	
WF-25	WF25-45D	45 - 45	26-Mar-02	4	
WF-25	WF25-55	55 - 55	26-Mar-02	210	E
WF-25	WF25-55	55 - 55	26-Mar-02	110	
WF-26	WF26-25	25 - 25	26-Mar-02	3	
WF-26	WF26-25	25 - 25	26-Mar-02	2.4	
WF-26	WF26-35	35 - 35	26-Mar-02	2300	
WF-26	WF26-45	45 - 45	26-Mar-02	9.1	
WF-27	WF27-25	25 - 25	28-Mar-02	1	U
WF-27	WF27-35	35 - 35	28-Mar-02	50	
WF-27	WF27-35	35 - 35	28-Mar-02	42	
WF-27	WF27-45	45 - 45	28-Mar-02	1	U

2-40s Area Historical COC Results
cis-1,2-Dichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
cis-1,2-Dichlorethene - 2004 Groundwater Screening Level = 1550 µg/L					
WF-27	WF27-45D	45 - 45	28-Mar-02	1	U
WF-27B	WF 27B-25	25 - 25	02-May-02	2.2	
WF-27B	WF 27B-35	35 - 35	02-May-02	1.4	
WF-27B	WF 27B-45	45 - 45	02-May-02	1.1	
WF-30	WF 30-20	20 - 20	02-May-02	1	U
WF-30	WF 30-30	30 - 30	02-May-02	1	U
WF-30	WF 30-40	40 - 40	02-May-02	1	U
WF-31	WF31-20	20 - 20	01-May-02	1	U
WF-31	WF31-30	30 - 30	01-May-02	1	U
WF-31	WF31-40	40 - 40	01-May-02	11	
WF-32	WF32-20	20 - 20	01-May-02	1	U
WF-32	WF32-30	30 - 30	01-May-02	1	U
WF-32	WF32-40	40 - 40	01-May-02	41	
WF-33	WF33-20	20 - 20	01-May-02	1.5	
WF-33	WF33-30	30 - 30	01-May-02	1.4	
WF-33	WF33-30D	30 - 30	01-May-02	1.5	
WF-33	WF33-40	40 - 40	01-May-02	3	
WF-33	WF33-50	50 - 50	01-May-02	4.4	
WF-34	WF34-20	20 - 20	01-May-02	1	U
WF-34	WF34-30	30 - 30	01-May-02	1	U
WF-34	WF34-40	40 - 40	01-May-02	1	U
WF-35	WF35-20	20 - 20	01-May-02	1.6	
WF-35	WF35-30	30 - 30	01-May-02	1	U
WF-35	WF35-40	40 - 40	01-May-02	1	U
WF-37	WF 37-25	25 - 25	02-May-02	1	U
WF-37	WF 37-35	35 - 35	02-May-02	760	E
WF-37	WF 37-35	35 - 35	02-May-02	1400	
WF-37	WF 37-45	45 - 45	02-May-02	53	
WF-38	WF 38-20	20 - 20	02-May-02	1	U
WF-38	WF 38-30	30 - 30	02-May-02	1	U
WF-38	WF 38-30D	30 - 30	02-May-02	1	U
WF-38	WF 38-40	40 - 40	02-May-02	1	U

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Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
DP-4005	DP-0-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4005	DP-1-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4006	DP-0-4006-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4007	DP-0-4007-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	U
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	U
DP-4124	DP-0-4124-1-130-PD	11 - 15	12-Sep-02	5	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	1	U
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	U
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
EMF-GP-70	EMF-GP70-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-70	EMF-GP70-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	0.6	U
EMF-GP-72	EMF-GP72A-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72-B-61'	61 - 61	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-35'	35 - 35	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-41'	41 - 41	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-42	41 - 41	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73B-61	61 - 61	16-Dec-08	0.2	U
EMF-IW-1	0114IW-1	35 - 45	14-Jan-04	1	U
EMF-IW-1	0304IW1	35 - 45	09-Mar-04	1	U
EMF-IW-1	0413IW1	35 - 45	13-Apr-04	1	U
EMF-IW-1	0526IW1	35 - 45	26-May-04	1	U
EMF-IW-1	0701IW1	35 - 45	01-Jul-04	1	U
EMF-IW-1	0805 IW1	35 - 45	05-Aug-04	1	U
EMF-IW-1	10-04-IW1	35 - 45	14-Oct-04	1	U
EMF-IW-1	1023IW-1	35 - 45	02-Oct-03	1	U
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	1	U
EMF-IW-1	1210IW-1	35 - 45	10-Dec-03	1	U
EMF-IW-1	1210IW-1	35 - 45	10-Dec-03	5	U
EMF-IW-1	EMF-IW1-050124	35 - 45	24-Jan-05	1	
EMF-IW-1	EMF-IW1-051004	35 - 45	04-Oct-05	1	U
EMF-IW-1	EMF-IW1-060126	35 - 45	26-Jan-06	1	U
EMF-IW-1	EMF-IW1-070725	35 - 45	25-Jul-07	1	U
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	1	U
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	5	U
EMF-IW-1	EMF-IW1-080702	35 - 45	02-Jul-08	5	U
EMF-IW-1	IW-1	35 - 45	28-Aug-03	1	U
EMF-IW-10	EMF-IW10-040708	40 - 50	08-Jul-04	5	U
EMF-IW-10	EMF-IW10-070130	40 - 50	30-Jan-07	0.2	U

2-40s Area Historical COC Results
Trichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
EMF-IW-11	EMF-IW11-040708	40 - 50	08-Jul-04	30	U
EMF-IW-11	EMF-IW11-070725	40 - 50	25-Jul-07	15	U
EMF-IW-11	EMF-IW11-080129	40 - 50	29-Jan-08	1	U
EMF-IW-11	EMF-IW11-080702	40 - 50	02-Jul-08	1	U
EMF-IW-2	0114IW-2	35 - 45	14-Jan-04	2	U
EMF-IW-2	0304IW2	35 - 45	09-Mar-04	3	U
EMF-IW-2	0413IW2	35 - 45	13-Apr-04	1	U
EMF-IW-2	0413IW2	35 - 45	13-Apr-04	3	U
EMF-IW-2	0526IW2	35 - 45	26-May-04	1	U
EMF-IW-2	0701IW2	35 - 45	01-Jul-04	1	U
EMF-IW-2	0805 IW2	35 - 45	05-Aug-04	1	U
EMF-IW-2	10-04-IW2	35 - 45	14-Oct-04	1	U
EMF-IW-2	1023IW-2	35 - 45	02-Oct-03	1	U
EMF-IW-2	1023IW-2	35 - 45	02-Oct-03	10	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	10	U
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	200	U
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	1	U
EMF-IW-2	EMF-IW2-050124	35 - 45	24-Jan-05	1	U
EMF-IW-2	EMF-IW2-050706	35 - 45	06-Jul-05	1	U
EMF-IW-2	EMF-IW2-051004	35 - 45	04-Oct-05	1	U
EMF-IW-2	EMF-IW2-060126	35 - 45	26-Jan-06	1	U
EMF-IW-2	EMF-IW2-070130	35 - 45	30-Jan-07	0.2	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	1	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	10	U
EMF-IW-3	0114IW-3	35 - 45	14-Jan-04	3	U
EMF-IW-3	0304IW3	35 - 45	09-Mar-04	5	U
EMF-IW-3	0413IW3	35 - 45	13-Apr-04	3	U
EMF-IW-3	0413IW3	35 - 45	13-Apr-04	10	U
EMF-IW-3	0526IW3	35 - 45	26-May-04	5	U
EMF-IW-3	0701IW3	35 - 45	01-Jul-04	1	U
EMF-IW-3	0805 IW3	35 - 45	05-Aug-04	3	U
EMF-IW-3	10-04-IW3	35 - 45	14-Oct-04	5	U
EMF-IW-3	1023IW-3	35 - 45	02-Oct-03	1	U
EMF-IW-3	1023IW-3	35 - 45	02-Oct-03	5	U
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	10	U
EMF-IW-3	1210IW-3	35 - 45	10-Dec-03	1	U
EMF-IW-3	1210IW-3	35 - 45	10-Dec-03	10	U
EMF-IW-3	EMF-IW3-050124	35 - 45	24-Jan-05	1	U
EMF-IW-3	EMF-IW3-051004	35 - 45	04-Oct-05	1	U
EMF-IW-3	EMF-IW3-060126	35 - 45	26-Jan-06	1	U
EMF-IW-3	IW-3	35 - 45	28-Aug-03	1	U
EMF-IW-3	IW-3	35 - 45	28-Aug-03	15	U
EMF-IW-4	0114IW-4	35 - 45	14-Jan-04	5	U
EMF-IW-4	0413IW4	35 - 45	13-Apr-04	1	U
EMF-IW-4	0413IW4	35 - 45	13-Apr-04	3	U
EMF-IW-4	1023IW-4	35 - 45	02-Oct-03	1	U
EMF-IW-4	1023IW-4	35 - 45	02-Oct-03	5	U
EMF-IW-4	1105 IW-4	35 - 45	05-Nov-03	15	U
EMF-IW-4	1105 IW-4	35 - 45	05-Nov-03	200	U
EMF-IW-4	1210IW-4	35 - 45	10-Dec-03	3	U
EMF-IW-4	EMF-IW-4-040707	35 - 45	07-Jul-04	30	U
EMF-IW-4	EMF-IW4-070726	35 - 45	26-Jul-07	1	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	1	U
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	5	U
EMF-IW-4	EMF-IW4-080702	35 - 45	02-Jul-08	3	U
EMF-IW-4	IW-4	35 - 45	28-Aug-03	1	U
EMF-IW-5	EMF-IW-5-040707	30 - 45	07-Jul-04	5	U
EMF-IW-5	EMF-IW5-050706	30 - 45	06-Jul-05	1.1	
EMF-IW-5	EMF-IW5-050706	30 - 45	06-Jul-05	10	U
EMF-IW-5	EMF-IW5-060724	30 - 45	24-Jul-06	5	U
EMF-IW-5	EMF-IW5-080130	30 - 45	30-Jan-08	5	U
EMF-IW-5	EMF-IW5-080702	30 - 45	02-Jul-08	5	U
EMF-IW-6	EMF-IW-6-040707	30 - 45	07-Jul-04	3	U
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	1	U
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	10	U
EMF-IW-6	EMF-IW6-080130	30 - 45	30-Jan-08	5	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	1	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	3	U
EMF-IW-7	EMF-IW7-040708	30 - 45	08-Jul-04	1	U
EMF-IW-7	EMF-IW7-050706	30 - 45	06-Jul-05	1	U
EMF-IW-7	EMF-IW7-051004	30 - 45	04-Oct-05	1	U
EMF-IW-7	EMF-IW7-060126	30 - 45	26-Jan-06	1	U
EMF-IW-7	EMF-IW7-060724	30 - 45	24-Jul-06	1	U
EMF-IW-7	EMF-IW7-070130	30 - 45	30-Jan-07	0.2	U
EMF-IW-7	EMF-IW7-070725	30 - 45	25-Jul-07	1	U
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	1	U
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	10	U
EMF-IW-7	EMF-IW7-080702	30 - 45	02-Jul-08	3	U
EMF-IW-8	EMF-IW8-040708	39 - 49	08-Jul-04	30	U
EMF-IW-8	EMF-IW8-070725	39 - 49	25-Jul-07	5	U
EMF-IW-8	EMF-IW8-080129	39 - 49	29-Jan-08	1	U
EMF-IW-8	EMF-IW8-080702	39 - 49	02-Jul-08	1	U
EMF-IW-9	EMF-IW9-040708	39 - 49	08-Jul-04	10	U
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	1	U
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	10	U
EMF-WF-30	EMF-WF30-030108	40 - 50	08-Jan-03	25	U
EMF-WF-30	EMF-WF30-030707	40 - 50	07-Jul-03	25	U
EMF-WF-30	EMF-WF30-040105	40 - 50	05-Jan-04	20	U
EMF-WF-30	EMF-WF30-040707	40 - 50	07-Jul-04	30	U
EMF-WF-30	EMF-WF30-050121	40 - 50	21-Jan-05	15	U
EMF-WF-30	EMF-WF30-050706	40 - 50	06-Jul-05	10	U
EMF-WF-30	EMF-WF30-060126	40 - 50	26-Jan-06	3	U
EMF-WF-30	EMF-WF30-060126	40 - 50	26-Jan-06	5	U
EMF-WF-30	EMF-WF30-060724	40 - 50	24-Jul-06	10	U
EMF-WF-30	EMF-WF30-070725	40 - 50	25-Jul-07	1	U
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	0.2	
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	0.6	U
EMF-WF-30	EMF-WF30-080702	40 - 50	02-Jul-08	1	U
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	1	U
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	20	U
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	1	U
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	20	U
EMF-WF-31	EMF-WF31-030108	29 - 39	08-Jan-03	25	U
EMF-WF-31	EMF-WF31-030707	29 - 39	07-Jul-03	50	U

2-40s Area Historical COC Results
Trichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
EMF-WF-31	EMF-WF31-040105	29 - 39	05-Jan-04	50	U
EMF-WF-31	EMF-WF31-040707	29 - 39	07-Jul-04	50	U
EMF-WF-31	EMF-WF31-050121	29 - 39	21-Jan-05	50	U
EMF-WF-31	EMF-WF31-050706	29 - 39	06-Jul-05	25	U
EMF-WF-31	EMF-WF31-051005	29 - 39	05-Oct-05	30	U
EMF-WF-31	EMF-WF31-060126	29 - 39	26-Jan-06	30	U
EMF-WF-31	EMF-WF31-060724	29 - 39	24-Jul-06	30	U
EMF-WF-31	EMF-WF31-070130	29 - 39	30-Jan-07	20	U
EMF-WF-31	EMF-WF31-070725	29 - 39	25-Jul-07	10	U
EMF-WF-31	EMF-WF31-080130	29 - 39	30-Jan-08	10	U
EMF-WF-31	EMF-WF31-080702	29 - 39	02-Jul-08	3	U
EMF-WF-31	EMF-WF31L-021015	29 - 39	15-Oct-02	50	U
EMF-WF-31	EMF-WF31U-021015	29 - 39	15-Oct-02	10	U
EMF-WF-32	EMF WF32-020827	25 - 35	27-Aug-02	1	U
EMF-WF-32	EMF-WF32-030707	25 - 35	07-Jul-03	25	U
EMF-WF-32	EMF-WF32-040105	25 - 35	05-Jan-04	40	U
EMF-WF-32	EMF-WF32-040707	25 - 35	07-Jul-04	20	U
EMF-WF-32	EMF-WF32-050121	25 - 35	21-Jan-05	20	U
EMF-WF-32	EMF-WF32-050706	25 - 35	06-Jul-05	15	U
EMF-WF-32	EMF-WF32-060125	25 - 35	25-Jan-06	1	U
EMF-WF-32	EMF-WF32-060724	25 - 35	24-Jul-06	1	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	0.2	U
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	1	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.2	U
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	1	U
EMF-WF-32	EMF-WF32L-021015	25 - 35	15-Oct-02	15	U
EMF-WF-32	EMF-WF32M-021015	25 - 35	15-Oct-02	50	U
EMF-WF-32	EMF-WF32m-030108	25 - 35	08-Jan-03	10	U
EMF-WF-32	EMF-WF32U-021015	25 - 35	15-Oct-02	50	U
EMF-WF-33	0114WF-33	35 - 45	14-Jan-04	1	U
EMF-WF-33	0304WF33	35 - 45	09-Mar-04	3	U
EMF-WF-33	0413WF33	35 - 45	13-Apr-04	3	U
EMF-WF-33	0413WF33	35 - 45	13-Apr-04	10	U
EMF-WF-33	0805 WF33	35 - 45	05-Aug-04	1	U
EMF-WF-33	10-04-WF33	35 - 45	14-Oct-04	1	U
EMF-WF-33	1023WF33	35 - 45	02-Oct-03	1	U
EMF-WF-33	1023WF33	35 - 45	02-Oct-03	13	Y
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	10	U
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	100	U
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	10	U
EMF-WF-33	EMF-WF33-050124	35 - 45	24-Jan-05	10	U
EMF-WF-33	EMF-WF33-050706	35 - 45	06-Jul-05	3	U
EMF-WF-33	EMF-WF33-051005	35 - 45	05-Oct-05	1	U
EMF-WF-33	EMF-WF33-060126	35 - 45	26-Jan-06	1	U
EMF-WF-33	EMF-WF33-060126	35 - 45	26-Jan-06	5	U
EMF-WF-33	EMF-WF33-060724	35 - 45	24-Jul-06	1	U
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	0.2	U
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	20	U
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	5	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	1	U
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	3	U

2-40s Area Historical COC Results
Trichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
EMF-WF-33	WF-33	35 - 45	28-Aug-03	1	U
EMF-WF-33	WF-33	35 - 45	28-Aug-03	3	U
EMF-WF-34	0114WF-34	35 - 45	14-Jan-04	15	U
EMF-WF-34	0304WF34	35 - 45	09-Mar-04	10	U
EMF-WF-34	0413WF34	35 - 45	13-Apr-04	10	U
EMF-WF-34	0805 WF34	35 - 45	05-Aug-04	10	U
EMF-WF-34	10-04-WF34	35 - 45	14-Oct-04	10	U
EMF-WF-34	EMF-WF34-050124	35 - 45	24-Jan-05	10	U
EMF-WF-34	EMF-WF34-050706	35 - 45	06-Jul-05	3	U
EMF-WF-34	EMF-WF34-050706	35 - 45	06-Jul-05	5	U
EMF-WF-34	EMF-WF34-051005	35 - 45	05-Oct-05	5	U
EMF-WF-34	EMF-WF34-051005	35 - 45	05-Oct-05	15	U
EMF-WF-34	EMF-WF34-060126	35 - 45	26-Jan-06	5	U
EMF-WF-34	EMF-WF34-060126	35 - 45	26-Jan-06	15	U
EMF-WF-34	EMF-WF34-060724	35 - 45	24-Jul-06	10	U
EMF-WF-34	EMF-WF34-070130	35 - 45	30-Jan-07	15	U
EMF-WF-34	EMF-WF34-070725	35 - 45	25-Jul-07	15	U
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	10	U
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	30	U
EMF-WF-34	EMF-WF34-080702	35 - 45	02-Jul-08	20	U
EMF-WF-34	WF-34	35 - 45	28-Aug-03	1	U
EMF-WF-34	WF-34	35 - 45	28-Aug-03	10	U
EMF-WF-35	0114WF-35	35 - 45	14-Jan-04	15	U
EMF-WF-35	0304WF35	35 - 45	09-Mar-04	15	U
EMF-WF-35	0413WF35	35 - 45	13-Apr-04	15	U
EMF-WF-35	0805 WF35	35 - 45	05-Aug-04	15	U
EMF-WF-35	10-04-WF35	35 - 45	14-Oct-04	20	U
EMF-WF-35	EMF-DUP2-080130	35 - 45	30-Jan-08	10	U
EMF-WF-35	EMF-DUP2-080702	35 - 45	02-Jul-08	10	U
EMF-WF-35	EMF-DUP-3-070130	35 - 45	30-Jan-07	10	U
EMF-WF-35	EMF-WF35-050124	35 - 45	24-Jan-05	10	U
EMF-WF-35	EMF-WF35-050706	35 - 45	06-Jul-05	10	U
EMF-WF-35	EMF-WF35-051005	35 - 45	05-Oct-05	10	U
EMF-WF-35	EMF-WF35-060126	35 - 45	26-Jan-06	10	U
EMF-WF-35	EMF-WF35-060724	35 - 45	24-Jul-06	15	U
EMF-WF-35	EMF-WF35-070130	35 - 45	30-Jan-07	15	U
EMF-WF-35	EMF-WF35-070725	35 - 45	25-Jul-07	15	U
EMF-WF-35	EMF-WF35-080130	35 - 45	30-Jan-08	10	U
EMF-WF-35	EMF-WF35-080702	35 - 45	02-Jul-08	10	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	1	U
EMF-WF-35	WF-35	35 - 45	28-Aug-03	10	U
EMF-WF-36	10-04-WF36	40 - 50	14-Oct-04	10	U
EMF-WF-36	EMF-WF36-040707	40 - 50	07-Jul-04	30	U
EMF-WF-36	EMF-WF36-050121	40 - 50	21-Jan-05	30	U
EMF-WF-36	EMF-WF36-050706	40 - 50	06-Jul-05	20	U
EMF-WF-36	EMF-WF36-060125	40 - 50	25-Jan-06	25	U
EMF-WF-36	EMF-WF36-060724	40 - 50	24-Jul-06	3	U
EMF-WF-36	EMF-WF36-070725	40 - 50	25-Jul-07	20	U
EMF-WF-36	EMF-WF36-080129	40 - 50	29-Jan-08	3	U
EMF-WF-36	EMF-WF36-080702	40 - 50	02-Jul-08	1	U
ERDGP-1	ERDGP-1-30	30 - 30	29-Jul-03	1	U
ERDGP-1	ERDGP-6-30	30 - 30	29-Jul-03	1	U

2-40s Area Historical COC Results
Trichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
ERDGP-1	ERDGP-1-35	35 - 35	29-Jul-03	1	U
ERDGP-1	ERDGP-6-35	35 - 35	29-Jul-03	1	U
ERDGP-1	ERDGP-6-35	35 - 35	29-Jul-03	10	U
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	1	U
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	5	U
ERDGP-1	ERDGP-1-45	45 - 45	29-Jul-03	1	U
ERDGP-1	ERDGP-1-50	50 - 50	29-Jul-03	1	U
ERDGP-1	ERDGP-1-55	55 - 55	29-Jul-03	1	U
ERDGP-2	ERDGP-2-30	30 - 30	29-Jul-03	1	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	1	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	15	U
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	1	U
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	10	U
ERDGP-2	ERDGP-2-45	45 - 45	29-Jul-03	1	U
ERDGP-3	ERDGP-3-30	30 - 30	29-Jul-03	1	U
ERDGP-3	ERDGP-3-35	35 - 35	29-Jul-03	1	U
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	1	U
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	10	U
ERDGP-3	ERDGP-3-45	45 - 45	29-Jul-03	1	U
ERDGP-4	ERDGP-4-30	30 - 30	29-Jul-03	1	U
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	1	U
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	10	U
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	1	U
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	10	U
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	1	U
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	15	U
ERDGP-5	ERDGP-5-30	30 - 30	29-Jul-03	1	U
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	1	U
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	30	U
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	1	U
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	50	U
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	1	U
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	30	U
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	1	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	1	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	1	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	1	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	1	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	1	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	1	U
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	1	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	1	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	1	U
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	1	U
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	1	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	1	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	1	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	1	U
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	1	U
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	1	UJ
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	1	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
GP-04130	W20-GP-04130-0250	25 - 25	14-Jul-94	1	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	1	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	1	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	1	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	3.4	
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	1.2	
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	4.2	
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	1.1	
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	1	U
GP-04140	GP-04140-0150	15 - 15	14-Jul-95	1	U
GP-04140	GP-04140-0250	25 - 25	14-Jul-95	1	U
GP-04140	GP-04140-1250	25 - 25	14-Jul-95	1	U
GP-04140	GP-04140-0450	45 - 45	14-Jul-95	1	U
GP-04141	GP-04141-0170	17 - 17	08-Aug-95	1	U
GP-04141	GP-04141-0250	25 - 25	08-Aug-95	1	U
GP-04141	GP-04141-0450	45 - 45	08-Aug-95	1	U
GP-04142	GP-04142-0150	15 - 15	14-Jul-95	1	U
GP-04142	GP-04142-0250	25 - 25	15-Jul-95	1	U
GP-04142	GP-04142-0450	45 - 45	15-Jul-95	1	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	1	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	1	U
PL2-321A	GW2-PL2321A-0	8 - 18	02-Dec-94	1	U
PL2-401A	GW4-PL2401A-0	8 - 18	14-Mar-95	1	U
PL2-401A	W14-GW1-PL2-401A-0	8 - 18	16-Dec-93	1	U
PL2-410A	W14-GW1-PL2-410A-0	8 - 18	16-Dec-93	1	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	1	U
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	2	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	1	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	1	U
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	1	U
PL2-420A	GW030901-PL2-420A-0	8 - 18	01-Sep-03	1	U
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	1	U
PL2-420A	GW040204-PL2-420A-0	8 - 18	04-Feb-04	1	U
PL2-420A	GW040512-PL2-420A-0	8 - 18	12-May-04	1	U
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	1	U
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	1	U
PL2-420A	GW050505-PL2-420A	8 - 18	05-May-05	1	U
PL2-420A	GW050803-PL2-420A	8 - 18	03-Aug-05	1	U
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	1	U
PL2-420A	GW060206-PL2-420A	8 - 18	06-Feb-06	1	U
PL2-420A	GW060504-PL2-420A	8 - 18	04-May-06	1	U
PL2-420A	GW060801-PL2-420A	8 - 18	01-Aug-06	0.2	U
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	0.2	U
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	0.2	U
PL2-420A	GW070502-PL2-420A	8 - 18	02-May-07	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	1	U
PL2-420A	GW080206-PL2-420A	8 - 18	06-Feb-08	1	U
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	1	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	1	U
PL2-420A	PL2-420A-040803	8 - 18	03-Aug-04	1	U
PL2-420A	W14-GW1-PL2-420A-0	8 - 18	15-Dec-93	1	U

2-40s Area Historical COC Results
Trichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
PL2-420A	W14-GW1-PL2-420A-1	8 - 18	15-Dec-93	1	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	1	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	1	U
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	1	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	1	U
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	1	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	1	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	1	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	1	U
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	1	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	1	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	1	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	1	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	1	U
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	1	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	1	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	0.2	U
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	1	U
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	1	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	1	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	1	U
PL2-425A	GW5-PL2425A-0	8 - 18	02-Aug-95	1	U
PL2-425A	GWQ01-PL2425A-0	8 - 18	16-Nov-95	1.6	
PL2-425A	GWQ02-PL2425A-0	8 - 18	27-Feb-96	1	U
PL2-425A	GWQ03-PL2425A-0	8 - 18	22-May-96	1	U
PL2-425A	GWQ04-PL2425A-0	8 - 18	26-Aug-96	1	U
PL2-425A	GWQ05-PL2425A-0	8 - 18	19-Nov-96	1	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	1	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	3.2	
PL2-430A	W14-GW1-PL2-430A-0	15 - 25	16-Dec-93	3.7	
PL2-435A	GW4-PL2435A-0	8 - 18	14-Mar-95	1	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	1	U
PL2-440A	GW5-PL2440A-0	8 - 18	04-Aug-95	1	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	1	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	1	U
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	1	U
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	1	U
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	1	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	1	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	1	U
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	1	U
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	1	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	1	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	1	U
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	1	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	1	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	1	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	1	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	1	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	1	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	UJ
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	1	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	0.2	U
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	0.2	U
PL2-443A	GW070206-PL2-443A	8 - 23	06-Feb-07	0.2	U
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	1	U
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	1	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	1	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	1	U
PL2-443A	GW5-PL2443A-0	8 - 23	02-Aug-95	1	U
PL2-443A	GWQ01-PL2443A-0	8 - 23	21-Nov-95	1	U
PL2-443A	GWQ01-PL2443A-1	8 - 23	21-Nov-95	1	U
PL2-443A	GWQ02-PL2443A-0	8 - 23	27-Feb-96	1	U
PL2-443A	GWQ03-PL2443A-0	8 - 23	21-May-96	1	UI
PL2-443A	GWQ04-PL2443A-0	8 - 23	21-Aug-96	1	U
PL2-443A	GWQ05-PL2443A-0	8 - 23	19-Nov-96	1	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	1	U
PL2-444A	GW5-PL2444A-0	10 - 25	15-Aug-95	1	U
PL2-444A	GWQ01-PL2444A-0	10 - 25	15-Nov-95	1	U
PL2-444A	GWQ02-PL2444A-0	10 - 25	05-Mar-96	1	U
PL2-444A	GWQ03-PL2444A-0	10 - 25	22-May-96	1	U
PL2-444A	GWQ04-PL2444A-0	10 - 25	21-Aug-96	1	U
PL2-444A	GWQ05-PL2444A-0	10 - 25	19-Nov-96	1	U
PL2-445A	GW5-PL2445A-0	10 - 25	10-Aug-95	1	U
PL2-445A	GWQ01-PL2445A-0	10 - 25	14-Nov-95	1	U
PL2-445A	GWQ02-PL2445A-0	10 - 25	28-Feb-96	1	U
PL2-445A	GWQ04-PL2445A-0	10 - 25	23-Aug-96	1	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	U
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	5.5	
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	U
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	U
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1	U
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1	U
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	U
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	U
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	1	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U
WF-16	WF16-35	35 - 35	04-Mar-02	1	U
WF-16	WF16-45	45 - 45	04-Mar-02	1	U
WF-17	WF17-35	35 - 35	04-Mar-02	1	U
WF-17	WF17-45	45 - 45	04-Mar-02	1	U
WF-18	WF18-25	25 - 25	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	3	U
WF-18	WF18-45	45 - 45	04-Mar-02	1	U
WF-18	WF18-45D	45 - 45	04-Mar-02	1	U
WF-19	WF19-25	25 - 25	04-Mar-02	1	U
WF-19	WF19-35	35 - 35	04-Mar-02	3	U
WF-19	WF19-45	45 - 45	04-Mar-02	30	U
WF-19	WF19-55	55 - 55	04-Mar-02	1	U
WF-20	WF20-25	25 - 25	04-Mar-02	1	U
WF-20	WF20-35	35 - 35	04-Mar-02	1	U
WF-20	WF20-45	45 - 45	04-Mar-02	1	U
WF-21	WF21-25	25 - 25	04-Mar-02	1.2	
WF-21	WF21-35	35 - 35	04-Mar-02	1	U
WF-21	WF21-45	45 - 45	04-Mar-02	1	U
WF-22	WF22-25	25 - 25	26-Mar-02	1	U
WF-22	WF22-35	35 - 35	26-Mar-02	1	U
WF-22	WF22-45	45 - 45	26-Mar-02	1	U
WF-23	WF23-25	25 - 25	26-Mar-02	1	U
WF-23	WF23-35	35 - 35	26-Mar-02	1	U
WF-23	WF23-45	45 - 45	26-Mar-02	1	U
WF-24	WF24-25	25 - 25	28-Mar-02	1	U
WF-24	WF24-35	35 - 35	28-Mar-02	1	U
WF-24	WF24-45	45 - 45	28-Mar-02	1	U
WF-25	WF25-25	25 - 25	26-Mar-02	1	U
WF-25	WF25-35	35 - 35	26-Mar-02	20	U
WF-25	WF25-45	45 - 45	26-Mar-02	1	U
WF-25	WF25-45D	45 - 45	26-Mar-02	1	U
WF-25	WF25-55	55 - 55	26-Mar-02	1	U
WF-25	WF25-55	55 - 55	26-Mar-02	3	U
WF-26	WF26-25	25 - 25	26-Mar-02	1	U
WF-26	WF26-25	25 - 25	26-Mar-02	1	U
WF-26	WF26-35	35 - 35	26-Mar-02	15	U
WF-26	WF26-45	45 - 45	26-Mar-02	1	U
WF-27	WF27-25	25 - 25	28-Mar-02	1	U
WF-27	WF27-35	35 - 35	28-Mar-02	1	U
WF-27	WF27-35	35 - 35	28-Mar-02	10	U
WF-27	WF27-45	45 - 45	28-Mar-02	1	U

2-40s Area Historical COC Results
Trichloroethene Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Trichloroethene - 2004 Groundwater Screening Level = 0.302 µg/L					
WF-27	WF27-45D	45 - 45	28-Mar-02	1	U
WF-27B	WF 27B-25	25 - 25	02-May-02	1	U
WF-27B	WF 27B-35	35 - 35	02-May-02	1	U
WF-27B	WF 27B-45	45 - 45	02-May-02	1	U
WF-30	WF 30-20	20 - 20	02-May-02	1	U
WF-30	WF 30-30	30 - 30	02-May-02	1	U
WF-30	WF 30-40	40 - 40	02-May-02	1	U
WF-31	WF31-20	20 - 20	01-May-02	1	U
WF-31	WF31-30	30 - 30	01-May-02	1	U
WF-31	WF31-40	40 - 40	01-May-02	1	U
WF-32	WF32-20	20 - 20	01-May-02	1	U
WF-32	WF32-30	30 - 30	01-May-02	1	U
WF-32	WF32-40	40 - 40	01-May-02	1.9	
WF-33	WF33-20	20 - 20	01-May-02	1	U
WF-33	WF33-30	30 - 30	01-May-02	1	U
WF-33	WF33-30D	30 - 30	01-May-02	1	U
WF-33	WF33-40	40 - 40	01-May-02	1	U
WF-33	WF33-50	50 - 50	01-May-02	1	U
WF-34	WF34-20	20 - 20	01-May-02	1	U
WF-34	WF34-30	30 - 30	01-May-02	1	U
WF-34	WF34-40	40 - 40	01-May-02	1	U
WF-35	WF35-20	20 - 20	01-May-02	1	U
WF-35	WF35-30	30 - 30	01-May-02	1	U
WF-35	WF35-40	40 - 40	01-May-02	1	U
WF-37	WF 37-25	25 - 25	02-May-02	1	U
WF-37	WF 37-35	35 - 35	02-May-02	1	U
WF-37	WF 37-35	35 - 35	02-May-02	15	U
WF-37	WF 37-45	45 - 45	02-May-02	3	U
WF-38	WF 38-20	20 - 20	02-May-02	1	U
WF-38	WF 38-30	30 - 30	02-May-02	1	U
WF-38	WF 38-30D	30 - 30	02-May-02	1	U
WF-38	WF 38-40	40 - 40	02-May-02	1	U

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2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
DP-4005	DP-0-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4005	DP-1-4005-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4006	DP-0-4006-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4007	DP-0-4007-1-130-PD	11 - 15	22-Aug-02	1	U
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	1	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1	U
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	1	UJ
DP-4124	DP-0-4124-1-130-PD	11 - 15	12-Sep-02	5	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	1	U
DP-4301	DP-0-4301-1-130-PD	10 - 15	18-Sep-02	2.8	
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	1	U
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	1	U
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	1	UJ
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	1.9	
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	1	U
EMF-GP-70	EMF-GP70-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-70	EMF-GP70-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-35'	35 - 35	15-Dec-08	0.2	U
EMF-GP-71	EMF-GP71-41'	41 - 41	15-Dec-08	0.2	U
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	2.2	
EMF-GP-72	EMF-GP72A-35'	35 - 35	15-Dec-08	1.7	
EMF-GP-72	EMF-GP72A-41'	41 - 41	15-Dec-08	0.4	
EMF-GP-72	EMF-GP72-B-61'	61 - 61	16-Dec-08	0.2	U
EMF-GP-73	EMF-GP73A-35'	35 - 35	16-Dec-08	0.4	
EMF-GP-73	EMF-GP73A-41'	41 - 41	16-Dec-08	0.2	
EMF-GP-73	EMF-GP73A-42	41 - 41	16-Dec-08	0.3	
EMF-GP-73	EMF-GP73B-61	61 - 61	16-Dec-08	0.2	U
EMF-IW-1	0114IW-1	35 - 45	14-Jan-04	23	
EMF-IW-1	0304IW1	35 - 45	09-Mar-04	5.9	
EMF-IW-1	0413IW1	35 - 45	13-Apr-04	20	
EMF-IW-1	0526IW1	35 - 45	26-May-04	13	
EMF-IW-1	0701IW1	35 - 45	01-Jul-04	18	
EMF-IW-1	0805 IW1	35 - 45	05-Aug-04	15	
EMF-IW-1	10-04-IW1	35 - 45	14-Oct-04	20	
EMF-IW-1	1023IW-1	35 - 45	02-Oct-03	25	
EMF-IW-1	1105 IW-1	35 - 45	05-Nov-03	3.8	
EMF-IW-1	1210IW-1	35 - 45	10-Dec-03	180	
EMF-IW-1	1210IW-1	35 - 45	10-Dec-03	240	E
EMF-IW-1	EMF-IW1-050124	35 - 45	24-Jan-05	100	
EMF-IW-1	EMF-IW1-051004	35 - 45	04-Oct-05	2.7	
EMF-IW-1	EMF-IW1-060126	35 - 45	26-Jan-06	2.8	
EMF-IW-1	EMF-IW1-070725	35 - 45	25-Jul-07	1	U
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	14	
EMF-IW-1	EMF-IW1-080130	35 - 45	30-Jan-08	12	
EMF-IW-1	EMF-IW1-080702	35 - 45	02-Jul-08	9.2	
EMF-IW-1	IW-1	35 - 45	28-Aug-03	150	
EMF-IW-10	EMF-IW10-040708	40 - 50	08-Jul-04	360	
EMF-IW-10	EMF-IW10-070130	40 - 50	30-Jan-07	2.9	

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
EMF-IW-11	EMF-IW11-040708	40 - 50	08-Jul-04	1500	
EMF-IW-11	EMF-IW11-070725	40 - 50	25-Jul-07	1400	
EMF-IW-11	EMF-IW11-080129	40 - 50	29-Jan-08	140	
EMF-IW-11	EMF-IW11-080702	40 - 50	02-Jul-08	1	U
EMF-IW-2	0114IW-2	35 - 45	14-Jan-04	220	
EMF-IW-2	0304IW2	35 - 45	09-Mar-04	310	
EMF-IW-2	0413IW2	35 - 45	13-Apr-04	93	E
EMF-IW-2	0413IW2	35 - 45	13-Apr-04	96	
EMF-IW-2	0526IW2	35 - 45	26-May-04	5.3	
EMF-IW-2	0701IW2	35 - 45	01-Jul-04	9	
EMF-IW-2	0805 IW2	35 - 45	05-Aug-04	48	
EMF-IW-2	10-04-IW2	35 - 45	14-Oct-04	15	
EMF-IW-2	1023IW-2	35 - 45	02-Oct-03	480	E
EMF-IW-2	1023IW-2	35 - 45	02-Oct-03	540	
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	700	
EMF-IW-2	1105 IW-2	35 - 45	05-Nov-03	1200	
EMF-IW-2	1210IW-2	35 - 45	10-Dec-03	110	
EMF-IW-2	EMF-IW2-050124	35 - 45	24-Jan-05	37	
EMF-IW-2	EMF-IW2-050706	35 - 45	06-Jul-05	12	
EMF-IW-2	EMF-IW2-051004	35 - 45	04-Oct-05	1.6	
EMF-IW-2	EMF-IW2-060126	35 - 45	26-Jan-06	1.8	
EMF-IW-2	EMF-IW2-070130	35 - 45	30-Jan-07	0.2	U
EMF-IW-2	IW-2	35 - 45	28-Aug-03	830	E
EMF-IW-2	IW-2	35 - 45	28-Aug-03	1000	
EMF-IW-3	0114IW-3	35 - 45	14-Jan-04	280	
EMF-IW-3	0304IW3	35 - 45	09-Mar-04	290	
EMF-IW-3	0413IW3	35 - 45	13-Apr-04	350	E
EMF-IW-3	0413IW3	35 - 45	13-Apr-04	400	
EMF-IW-3	0526IW3	35 - 45	26-May-04	300	
EMF-IW-3	0701IW3	35 - 45	01-Jul-04	8.9	
EMF-IW-3	0805 IW3	35 - 45	05-Aug-04	290	
EMF-IW-3	10-04-IW3	35 - 45	14-Oct-04	390	
EMF-IW-3	1023IW-3	35 - 45	02-Oct-03	260	E
EMF-IW-3	1023IW-3	35 - 45	02-Oct-03	280	
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	81	
EMF-IW-3	1105 IW-3	35 - 45	05-Nov-03	92	
EMF-IW-3	1210IW-3	35 - 45	10-Dec-03	300	
EMF-IW-3	1210IW-3	35 - 45	10-Dec-03	420	E
EMF-IW-3	EMF-IW3-050124	35 - 45	24-Jan-05	6.5	
EMF-IW-3	EMF-IW3-051004	35 - 45	04-Oct-05	63	
EMF-IW-3	EMF-IW3-060126	35 - 45	26-Jan-06	20	
EMF-IW-3	IW-3	35 - 45	28-Aug-03	1500	E
EMF-IW-3	IW-3	35 - 45	28-Aug-03	2300	
EMF-IW-4	0114IW-4	35 - 45	14-Jan-04	230	
EMF-IW-4	0413IW4	35 - 45	13-Apr-04	91	
EMF-IW-4	0413IW4	35 - 45	13-Apr-04	120	E
EMF-IW-4	1023IW-4	35 - 45	02-Oct-03	260	E
EMF-IW-4	1023IW-4	35 - 45	02-Oct-03	290	
EMF-IW-4	1105 IW-4	35 - 45	05-Nov-03	700	
EMF-IW-4	1105 IW-4	35 - 45	05-Nov-03	880	
EMF-IW-4	1210IW-4	35 - 45	10-Dec-03	120	
EMF-IW-4	EMF-IW-4-040707	35 - 45	07-Jul-04	2400	

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
EMF-IW-4	EMF-IW4-070726	35 - 45	26-Jul-07	1	U
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	290	
EMF-IW-4	EMF-IW4-080130	35 - 45	30-Jan-08	320	E
EMF-IW-4	EMF-IW4-080702	35 - 45	02-Jul-08	170	
EMF-IW-4	IW-4	35 - 45	28-Aug-03	160	
EMF-IW-5	EMF-IW-5-040707	30 - 45	07-Jul-04	160	
EMF-IW-5	EMF-IW5-050706	30 - 45	06-Jul-05	160	
EMF-IW-5	EMF-IW5-050706	30 - 45	06-Jul-05	220	E
EMF-IW-5	EMF-IW5-060724	30 - 45	24-Jul-06	250	
EMF-IW-5	EMF-IW5-080130	30 - 45	30-Jan-08	560	
EMF-IW-5	EMF-IW5-080702	30 - 45	02-Jul-08	15	
EMF-IW-6	EMF-IW-6-040707	30 - 45	07-Jul-04	190	
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	1	U
EMF-IW-6	EMF-IW6-070726	30 - 45	26-Jul-07	10	U
EMF-IW-6	EMF-IW6-080130	30 - 45	30-Jan-08	5	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	1	U
EMF-IW-6	EMF-IW6-080702	30 - 45	02-Jul-08	3	U
EMF-IW-7	EMF-IW7-040708	30 - 45	08-Jul-04	70	
EMF-IW-7	EMF-IW7-050706	30 - 45	06-Jul-05	4.3	
EMF-IW-7	EMF-IW7-051004	30 - 45	04-Oct-05	1	U
EMF-IW-7	EMF-IW7-060126	30 - 45	26-Jan-06	1.4	
EMF-IW-7	EMF-IW7-060724	30 - 45	24-Jul-06	4.7	
EMF-IW-7	EMF-IW7-070130	30 - 45	30-Jan-07	4.7	
EMF-IW-7	EMF-IW7-070725	30 - 45	25-Jul-07	1.3	
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	4.7	
EMF-IW-7	EMF-IW7-080130	30 - 45	30-Jan-08	10	U
EMF-IW-7	EMF-IW7-080702	30 - 45	02-Jul-08	3	U
EMF-IW-8	EMF-IW8-040708	39 - 49	08-Jul-04	2900	
EMF-IW-8	EMF-IW8-070725	39 - 49	25-Jul-07	660	
EMF-IW-8	EMF-IW8-080129	39 - 49	29-Jan-08	120	
EMF-IW-8	EMF-IW8-080702	39 - 49	02-Jul-08	7.8	
EMF-IW-9	EMF-IW9-040708	39 - 49	08-Jul-04	760	
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	770	E
EMF-WF-30	EMF WF30-020827	40 - 50	27-Aug-02	960	
EMF-WF-30	EMF-WF30-030108	40 - 50	08-Jan-03	1300	
EMF-WF-30	EMF-WF30-030707	40 - 50	07-Jul-03	2300	
EMF-WF-30	EMF-WF30-040105	40 - 50	05-Jan-04	1100	
EMF-WF-30	EMF-WF30-040707	40 - 50	07-Jul-04	3000	
EMF-WF-30	EMF-WF30-050121	40 - 50	21-Jan-05	1400	
EMF-WF-30	EMF-WF30-050706	40 - 50	06-Jul-05	820	
EMF-WF-30	EMF-WF30-060126	40 - 50	26-Jan-06	710	
EMF-WF-30	EMF-WF30-060126	40 - 50	26-Jan-06	730	E
EMF-WF-30	EMF-WF30-060724	40 - 50	24-Jul-06	500	
EMF-WF-30	EMF-WF30-070725	40 - 50	25-Jul-07	34	
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	17	
EMF-WF-30	EMF-WF30-080129	40 - 50	29-Jan-08	18	E
EMF-WF-30	EMF-WF30-080702	40 - 50	02-Jul-08	8.5	
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	1000	
EMF-WF-30	EMF-WF30L-021015	40 - 50	15-Oct-02	1100	E
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	2000	E
EMF-WF-31	EMF WF31-020827	29 - 39	27-Aug-02	2700	
EMF-WF-31	EMF-WF31-030108	29 - 39	08-Jan-03	4000	

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
EMF-WF-31	EMF-WF31-030707	29 - 39	07-Jul-03	5600	
EMF-WF-31	EMF-WF31-040105	29 - 39	05-Jan-04	2800	
EMF-WF-31	EMF-WF31-040707	29 - 39	07-Jul-04	5700	
EMF-WF-31	EMF-WF31-050121	29 - 39	21-Jan-05	4100	
EMF-WF-31	EMF-WF31-050706	29 - 39	06-Jul-05	3100	
EMF-WF-31	EMF-WF31-051005	29 - 39	05-Oct-05	2800	
EMF-WF-31	EMF-WF31-060126	29 - 39	26-Jan-06	3600	
EMF-WF-31	EMF-WF31-060724	29 - 39	24-Jul-06	2300	
EMF-WF-31	EMF-WF31-070130	29 - 39	30-Jan-07	2400	
EMF-WF-31	EMF-WF31-070725	29 - 39	25-Jul-07	1400	
EMF-WF-31	EMF-WF31-080130	29 - 39	30-Jan-08	1100	
EMF-WF-31	EMF-WF31-080702	29 - 39	02-Jul-08	320	
EMF-WF-31	EMF-WF31L-021015	29 - 39	15-Oct-02	4400	
EMF-WF-31	EMF-WF31U-021015	29 - 39	15-Oct-02	550	
EMF-WF-32	EMF WF32-020827	25 - 35	27-Aug-02	2800	
EMF-WF-32	EMF-WF32-030707	25 - 35	07-Jul-03	3800	
EMF-WF-32	EMF-WF32-040105	25 - 35	05-Jan-04	3300	
EMF-WF-32	EMF-WF32-040707	25 - 35	07-Jul-04	2100	
EMF-WF-32	EMF-WF32-050121	25 - 35	21-Jan-05	820	
EMF-WF-32	EMF-WF32-050706	25 - 35	06-Jul-05	590	
EMF-WF-32	EMF-WF32-060125	25 - 35	25-Jan-06	36	
EMF-WF-32	EMF-WF32-060724	25 - 35	24-Jul-06	1	U
EMF-WF-32	EMF-WF32-070130	25 - 35	30-Jan-07	1	
EMF-WF-32	EMF-WF32-070726	25 - 35	26-Jul-07	1	U
EMF-WF-32	EMF-WF32-080130	25 - 35	30-Jan-08	0.8	
EMF-WF-32	EMF-WF32-080702	25 - 35	02-Jul-08	1	U
EMF-WF-32	EMF-WF32L-021015	25 - 35	15-Oct-02	2000	
EMF-WF-32	EMF-WF32M-021015	25 - 35	15-Oct-02	5800	
EMF-WF-32	EMF-WF32m-030108	25 - 35	08-Jan-03	1400	
EMF-WF-32	EMF-WF32U-021015	25 - 35	15-Oct-02	4800	
EMF-WF-33	0114WF-33	35 - 45	14-Jan-04	59	
EMF-WF-33	0304WF33	35 - 45	09-Mar-04	270	
EMF-WF-33	0413WF33	35 - 45	13-Apr-04	310	
EMF-WF-33	0413WF33	35 - 45	13-Apr-04	330	E
EMF-WF-33	0805 WF33	35 - 45	05-Aug-04	1.5	
EMF-WF-33	10-04-WF33	35 - 45	14-Oct-04	88	
EMF-WF-33	1023WF33	35 - 45	02-Oct-03	430	E
EMF-WF-33	1023WF33	35 - 45	02-Oct-03	460	
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	360	
EMF-WF-33	1105 WF-33	35 - 45	05-Nov-03	670	
EMF-WF-33	1210WF-33	35 - 45	10-Dec-03	1000	
EMF-WF-33	EMF-WF33-050124	35 - 45	24-Jan-05	380	
EMF-WF-33	EMF-WF33-050706	35 - 45	06-Jul-05	380	
EMF-WF-33	EMF-WF33-051005	35 - 45	05-Oct-05	3.8	
EMF-WF-33	EMF-WF33-060126	35 - 45	26-Jan-06	5	U
EMF-WF-33	EMF-WF33-060126	35 - 45	26-Jan-06	5.1	
EMF-WF-33	EMF-WF33-060724	35 - 45	24-Jul-06	15	
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	590	
EMF-WF-33	EMF-WF33-070130	35 - 45	30-Jan-07	170	ES
EMF-WF-33	EMF-WF33-070725	35 - 45	25-Jul-07	5	U
EMF-WF-33	EMF-WF33-080130	35 - 45	30-Jan-08	110	
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	5.2	

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
EMF-WF-33	EMF-WF33-080702	35 - 45	02-Jul-08	4.4	
EMF-WF-33	WF-33	35 - 45	28-Aug-03	260	E
EMF-WF-33	WF-33	35 - 45	28-Aug-03	300	
EMF-WF-34	0114WF-34	35 - 45	14-Jan-04	440	
EMF-WF-34	0304WF34	35 - 45	09-Mar-04	480	
EMF-WF-34	0413WF34	35 - 45	13-Apr-04	410	
EMF-WF-34	0805 WF34	35 - 45	05-Aug-04	450	
EMF-WF-34	10-04-WF34	35 - 45	14-Oct-04	760	
EMF-WF-34	EMF-WF34-050124	35 - 45	24-Jan-05	330	
EMF-WF-34	EMF-WF34-050706	35 - 45	06-Jul-05	250	
EMF-WF-34	EMF-WF34-050706	35 - 45	06-Jul-05	340	
EMF-WF-34	EMF-WF34-051005	35 - 45	05-Oct-05	610	
EMF-WF-34	EMF-WF34-051005	35 - 45	05-Oct-05	1200	
EMF-WF-34	EMF-WF34-060126	35 - 45	26-Jan-06	440	
EMF-WF-34	EMF-WF34-060126	35 - 45	26-Jan-06	590	
EMF-WF-34	EMF-WF34-060724	35 - 45	24-Jul-06	590	
EMF-WF-34	EMF-WF34-070130	35 - 45	30-Jan-07	560	
EMF-WF-34	EMF-WF34-070725	35 - 45	25-Jul-07	1600	
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	2500	
EMF-WF-34	EMF-WF34-080130	35 - 45	30-Jan-08	2800	E
EMF-WF-34	EMF-WF34-080702	35 - 45	02-Jul-08	2300	
EMF-WF-34	WF-34	35 - 45	28-Aug-03	540	E
EMF-WF-34	WF-34	35 - 45	28-Aug-03	590	
EMF-WF-35	0114WF-35	35 - 45	14-Jan-04	600	
EMF-WF-35	0304WF35	35 - 45	09-Mar-04	790	
EMF-WF-35	0413WF35	35 - 45	13-Apr-04	710	
EMF-WF-35	0805 WF35	35 - 45	05-Aug-04	1200	
EMF-WF-35	10-04-WF35	35 - 45	14-Oct-04	1400	
EMF-WF-35	EMF-DUP2-080130	35 - 45	30-Jan-08	1200	
EMF-WF-35	EMF-DUP2-080702	35 - 45	02-Jul-08	1100	
EMF-WF-35	EMF-DUP-3-070130	35 - 45	30-Jan-07	930	
EMF-WF-35	EMF-WF35-050124	35 - 45	24-Jan-05	1000	
EMF-WF-35	EMF-WF35-050706	35 - 45	06-Jul-05	1400	
EMF-WF-35	EMF-WF35-051005	35 - 45	05-Oct-05	1300	
EMF-WF-35	EMF-WF35-060126	35 - 45	26-Jan-06	1100	
EMF-WF-35	EMF-WF35-060724	35 - 45	24-Jul-06	1300	
EMF-WF-35	EMF-WF35-070130	35 - 45	30-Jan-07	780	
EMF-WF-35	EMF-WF35-070725	35 - 45	25-Jul-07	1600	
EMF-WF-35	EMF-WF35-080130	35 - 45	30-Jan-08	1200	
EMF-WF-35	EMF-WF35-080702	35 - 45	02-Jul-08	1200	
EMF-WF-35	WF-35	35 - 45	28-Aug-03	740	E
EMF-WF-35	WF-35	35 - 45	28-Aug-03	900	
EMF-WF-36	10-04-WF36	40 - 50	14-Oct-04	780	
EMF-WF-36	EMF-WF36-040707	40 - 50	07-Jul-04	2800	
EMF-WF-36	EMF-WF36-050121	40 - 50	21-Jan-05	2800	
EMF-WF-36	EMF-WF36-050706	40 - 50	06-Jul-05	2300	
EMF-WF-36	EMF-WF36-060125	40 - 50	25-Jan-06	670	
EMF-WF-36	EMF-WF36-060724	40 - 50	24-Jul-06	210	
EMF-WF-36	EMF-WF36-070725	40 - 50	25-Jul-07	1500	
EMF-WF-36	EMF-WF36-080129	40 - 50	29-Jan-08	240	
EMF-WF-36	EMF-WF36-080702	40 - 50	02-Jul-08	140	
ERDGP-1	ERDGP-1-30	30 - 30	29-Jul-03	1.6	

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
ERDGP-1	ERDGP-6-30	30 - 30	29-Jul-03	1.8	
ERDGP-1	ERDGP-1-35	35 - 35	29-Jul-03	10	
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	560	
ERDGP-1	ERDGP-1-40	40 - 40	29-Jul-03	530	E
ERDGP-1	ERDGP-1-45	45 - 45	29-Jul-03	1	U
ERDGP-1	ERDGP-1-50	50 - 50	29-Jul-03	1	U
ERDGP-1	ERDGP-1-55	55 - 55	29-Jul-03	1	U
ERDGP-2	ERDGP-2-30	30 - 30	29-Jul-03	1	U
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	1400	
ERDGP-2	ERDGP-2-35	35 - 35	29-Jul-03	1300	E
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	1900	
ERDGP-2	ERDGP-2-40	40 - 40	29-Jul-03	1200	E
ERDGP-2	ERDGP-2-45	45 - 45	29-Jul-03	2.2	
ERDGP-3	ERDGP-3-30	30 - 30	29-Jul-03	1.9	
ERDGP-3	ERDGP-3-35	35 - 35	29-Jul-03	43	
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	1300	
ERDGP-3	ERDGP-3-40	40 - 40	29-Jul-03	1100	E
ERDGP-3	ERDGP-3-45	45 - 45	29-Jul-03	1	U
ERDGP-4	ERDGP-4-30	30 - 30	29-Jul-03	1	U
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	940	
ERDGP-4	ERDGP-4-35	35 - 35	29-Jul-03	870	E
ERDGP-4	ERDGP-6-35	35 - 35	29-Jul-03	540	
ERDGP-4	ERDGP-6-35	35 - 35	29-Jul-03	430	E
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	490	
ERDGP-4	ERDGP-4-40	40 - 40	29-Jul-03	480	E
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	1800	
ERDGP-4	ERDGP-4-45	45 - 45	29-Jul-03	1400	E
ERDGP-5	ERDGP-5-30	30 - 30	29-Jul-03	1	U
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	1900	
ERDGP-5	ERDGP-5-35	35 - 35	29-Jul-03	1900	E
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	4400	
ERDGP-5	ERDGP-5-40	40 - 40	29-Jul-03	3000	E
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	2200	
ERDGP-5	ERDGP-5-45	45 - 45	29-Jul-03	1900	E
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	0.2	
GP-04003	GP-04003-0150	15 - 15	18-Nov-94	2	U
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	0.58	
GP-04003	GP-04003-0250	25 - 25	18-Nov-94	2	U
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	0.43	
GP-04004	GP-04004-0150	15 - 15	18-Nov-94	2	U
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	0.022	
GP-04004	GP-04004-0250	15 - 15	18-Nov-94	2	U
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	1.2	
GP-04005	GP-04005-0150	15 - 15	21-Nov-94	2	U
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	0.67	
GP-04005	GP-04005-0250	25 - 25	21-Nov-94	2	U
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	0.37	
GP-04006	GP-04006-0150	15 - 15	13-Jul-95	2	U
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	8.3	
GP-04006	GP-04006-0250	25 - 25	13-Jul-95	8.1	E
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	0.29	
GP-04007	GP-04007-0250	25 - 25	13-Jul-95	2	U

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	2	U
GP-04008	GP-04008-0150	15 - 15	08-Aug-95	0.01	R
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	2	U
GP-04008	GP-04008-0250	25 - 25	08-Aug-95	1.3	R
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	4.3	
GP-04009	GP-04009-0150	15 - 15	09-Aug-95	4.3	
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	0.17	
GP-04009	GP-04009-0250	25 - 25	09-Aug-95	2	U
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	0.41	
GP-04010	GP-04010-0170	17 - 17	28-Sep-95	2	U
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	0.35	
GP-04010	GP-04010-0250	25 - 25	28-Sep-95	2	U
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	3.6	
GP-04011	GP-04011-0150	15 - 15	28-Sep-95	2.6	
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	0.11	
GP-04011	GP-04011-0250	25 - 25	28-Sep-95	2	U
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	0.18	
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	2	U
GP-04130	W20-GP-04130-0170	17 - 17	14-Jul-94	1000	U
GP-04130	W20-GP-04130-0250	25 - 25	14-Jul-94	1000	U
GP-04130	W20-GP-04130-0270	27 - 27	14-Jul-94	1000	U
GP-04131	W20-GP-04131-0150	15 - 15	14-Jul-94	1000	U
GP-04131	W20-GP-04131-0250	25 - 25	14-Jul-94	1000	U
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	0.18	
GP-04132	W20-GP-04132-0150	15 - 15	22-Sep-94	2	U
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	0.044	
GP-04132	W20-GP-04132-0250	25 - 25	22-Sep-94	2	U
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	0.13	
GP-04133	GP-04133-0160	16 - 16	22-Sep-94	2	U
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	0.32	
GP-04133	GP-04133-0260	26 - 26	22-Sep-94	2	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	16	
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	15	E
GP-04140	GP-04140-0150	15 - 15	14-Jul-95	0.27	
GP-04140	GP-04140-0150	15 - 15	14-Jul-95	2	U
GP-04140	GP-04140-0250	25 - 25	14-Jul-95	12	
GP-04140	GP-04140-1250	25 - 25	14-Jul-95	11	
GP-04140	GP-04140-0450	45 - 45	14-Jul-95	0.01	U
GP-04140	GP-04140-0450	45 - 45	14-Jul-95	2	U
GP-04141	GP-04141-0170	17 - 17	08-Aug-95	0.22	
GP-04141	GP-04141-0170	17 - 17	08-Aug-95	2	U
GP-04141	GP-04141-0250	25 - 25	08-Aug-95	0.1	
GP-04141	GP-04141-0250	25 - 25	08-Aug-95	2	U
GP-04141	GP-04141-0450	45 - 45	08-Aug-95	0.36	
GP-04141	GP-04141-0450	45 - 45	08-Aug-95	2	U
GP-04142	GP-04142-0150	15 - 15	14-Jul-95	0.092	
GP-04142	GP-04142-0150	15 - 15	14-Jul-95	2	U
GP-04142	GP-04142-0250	25 - 25	15-Jul-95	0.09	
GP-04142	GP-04142-0250	25 - 25	15-Jul-95	2	U
GP-04142	GP-04142-0450	45 - 45	15-Jul-95	0.021	
GP-04142	GP-04142-0450	45 - 45	15-Jul-95	2	U
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	0.08	

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
GP-04143	GP-04143-0450	45 - 45	14-Jul-95	2	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	0.01	U
GP-04143	GP-04143-0650	65 - 65	14-Jul-95	2	U
PL2-321A	GW2-PL2321A-0	8 - 18	02-Dec-94	1.4	
PL2-321A	GW2-PL2321A-0	8 - 18	02-Dec-94	2	U
PL2-401A	GW4-PL2401A-0	8 - 18	14-Mar-95	0.53	
PL2-401A	GW4-PL2401A-0	8 - 18	14-Mar-95	2	U
PL2-401A	W14-GW1-PL2-401A-0	8 - 18	16-Dec-93	2	U
PL2-410A	W14-GW1-PL2-410A-0	8 - 18	16-Dec-93	2	U
PL2-420A	GW010424-PL2-420A-0	8 - 18	24-Apr-01	1	UJ
PL2-420A	GW010723-PL2-420A-0	8 - 18	23-Jul-01	2	U
PL2-420A	GW011023-PL2-420A-0	8 - 18	23-Oct-01	1	U
PL2-420A	GW020123-PL2-420A-0	8 - 18	23-Jan-02	3.7	
PL2-420A	GW030618-PL2-420A-0	8 - 18	18-Jun-03	1	
PL2-420A	GW030901-PL2-420A-0	8 - 18	01-Sep-03	1.8	
PL2-420A	GW031211-PL2-420A-0	8 - 18	11-Dec-03	2.1	
PL2-420A	GW040204-PL2-420A-0	8 - 18	04-Feb-04	7.8	
PL2-420A	GW040512-PL2-420A-0	8 - 18	12-May-04	1.5	JL
PL2-420A	GW041101-PL2-420A	8 - 18	01-Nov-04	1	
PL2-420A	GW050202-PL2-420A	8 - 18	02-Feb-05	2.6	
PL2-420A	GW050505-PL2-420A	8 - 18	05-May-05	1.3	
PL2-420A	GW050803-PL2-420A	8 - 18	03-Aug-05	1.5	
PL2-420A	GW051102-PL2-420A	8 - 18	02-Nov-05	1.1	
PL2-420A	GW060206-PL2-420A	8 - 18	06-Feb-06	2.8	
PL2-420A	GW060504-PL2-420A	8 - 18	04-May-06	1	U
PL2-420A	GW060801-PL2-420A	8 - 18	01-Aug-06	0.8	
PL2-420A	GW061107-PL2-420A	8 - 18	07-Nov-06	0.6	
PL2-420A	GW070202-PL2-420A	8 - 18	02-Feb-07	1.3	
PL2-420A	GW070502-PL2-420A	8 - 18	02-May-07	1	U
PL2-420A	GW070806-PL2-420A	8 - 18	06-Aug-07	1	U
PL2-420A	GW071114-PL2-420A	8 - 18	14-Nov-07	1	U
PL2-420A	GW080206-PL2-420A	8 - 18	06-Feb-08	1.1	
PL2-420A	GW-080805-PL2-420A	8 - 18	05-Aug-08	1	U
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	0.48	
PL2-420A	GW4-PL2420A-0	8 - 18	14-Mar-95	2	U
PL2-420A	PL2-420A-040803	8 - 18	03-Aug-04	2.3	
PL2-420A	W14-GW1-PL2-420A-0	8 - 18	15-Dec-93	2	U
PL2-420A	W14-GW1-PL2-420A-1	8 - 18	15-Dec-93	2	U
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	0.72	
PL2-420A	W20-GW1-PL2420A-0	8 - 18	27-Sep-94	2	U
PL2-425A	GW010426-PL2-425A-0	8 - 18	26-Apr-01	1.1	J
PL2-425A	GW010723-PL2-425A-0	8 - 18	23-Jul-01	1	U
PL2-425A	GW011108-PL2-425A-0	8 - 18	08-Nov-01	1.1	
PL2-425A	GW020123-PL2-425A-0	8 - 18	23-Jan-02	1	U
PL2-425A	GW030618-PL2-425A-0	8 - 18	18-Jun-03	1	U
PL2-425A	GW031211-PL2-425A-0	8 - 18	11-Dec-03	1	U
PL2-425A	GW040512-PL2-425A-0	8 - 18	12-May-04	1.4	JL
PL2-425A	GW041102-PL2-425A	8 - 18	02-Nov-04	1	U
PL2-425A	GW050202-PL2-425A	8 - 18	02-Feb-05	1	U
PL2-425A	GW050505-PL2-425A	8 - 18	05-May-05	1	U
PL2-425A	GW050803-PL2-425A	8 - 18	03-Aug-05	1	U
PL2-425A	GW050803-PL2-DUP2	8 - 18	03-Aug-05	1	U

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
PL2-425A	GW051102-PL2-425A	8 - 18	02-Nov-05	1	U
PL2-425A	GW060504-PL2-425A	8 - 18	04-May-06	1	U
PL2-425A	GW061109-PL2-425A	8 - 18	09-Nov-06	1	
PL2-425A	GW070502-PL2-425A	8 - 18	02-May-07	2.5	
PL2-425A	GW071114-PL2-425A	8 - 18	14-Nov-07	1	U
PL2-425A	GW080206-PL2-425A	8 - 18	06-Feb-08	1	U
PL2-425A	GW-080805-PL2-425A	8 - 18	05-Aug-08	1	U
PL2-425A	GW5-PL2425A-0	8 - 18	02-Aug-95	1.1	
PL2-425A	GW5-PL2425A-0	8 - 18	02-Aug-95	2	U
PL2-425A	GWQ01-PL2425A-0	8 - 18	16-Nov-95	0.8	
PL2-425A	GWQ01-PL2425A-0	8 - 18	16-Nov-95	2	U
PL2-425A	GWQ02-PL2425A-0	8 - 18	27-Feb-96	2	U
PL2-425A	GWQ03-PL2425A-0	8 - 18	22-May-96	2	U
PL2-425A	GWQ04-PL2425A-0	8 - 18	26-Aug-96	2	U
PL2-425A	GWQ05-PL2425A-0	8 - 18	19-Nov-96	2	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	2	U
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	0.28	
PL2-430A	GW4-PL2430A-0	15 - 25	14-Mar-95	2	U
PL2-430A	W14-GW1-PL2-430A-0	15 - 25	16-Dec-93	2	U
PL2-435A	GW4-PL2435A-0	8 - 18	14-Mar-95	0.14	
PL2-435A	GW4-PL2435A-0	8 - 18	14-Mar-95	2	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	0.053	
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	2	U
PL2-440A	GW5-PL2440A-0	8 - 18	04-Aug-95	0.027	
PL2-440A	GW5-PL2440A-0	8 - 18	04-Aug-95	2	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	0.16	
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	2	U
PL2-443A	GW010424-PL2-443A-0	8 - 23	24-Apr-01	1.5	J
PL2-443A	GW010723-PL2-443A-0	8 - 23	23-Jul-01	1	U
PL2-443A	GW011108-PL2-443A-0	8 - 23	08-Nov-01	1.4	
PL2-443A	GW020123-PL2-443A-0	8 - 23	23-Jan-02	1	U
PL2-443A	GW030618-PL2-443A-0	8 - 23	18-Jun-03	1	U
PL2-443A	GW030902-PL2-443A-0	8 - 23	02-Sep-03	1.3	
PL2-443A	GW031211-PL2-443A-0	8 - 23	11-Dec-03	1.2	
PL2-443A	GW040203-PL2-443A-0	8 - 23	03-Feb-04	1	U
PL2-443A	GW040203-PL2-443A-1	8 - 23	03-Feb-04	1	U
PL2-443A	GW040512-PL2-443A-0	8 - 23	12-May-04	1	UJL
PL2-443A	GW041101-PL2-443A	8 - 23	01-Nov-04	1	U
PL2-443A	GW050202-PL2-443A	8 - 23	02-Feb-05	1	U
PL2-443A	GW050505-PL2-443A	8 - 23	05-May-05	1	U
PL2-443A	GW050505-PL2-DUP2	8 - 23	05-May-05	1	U
PL2-443A	GW050803-PL2-443A	8 - 23	03-Aug-05	1	U
PL2-443A	GW051102-PL2-443A	8 - 23	02-Nov-05	1	U
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	UJ
PL2-443A	GW060207-PL2-443A	8 - 23	07-Feb-06	1	U
PL2-443A	GW060504-PL2-443A	8 - 23	04-May-06	1	U
PL2-443A	GW060801-PL2-443A	8 - 23	01-Aug-06	0.4	
PL2-443A	GW061107-PL2-443A	8 - 23	07-Nov-06	0.2	U
PL2-443A	GW070206-PL2-443A	8 - 23	06-Feb-07	0.2	
PL2-443A	GW070502-PL2-443A	8 - 23	02-May-07	1	U
PL2-443A	GW070806-PL2-443A	8 - 23	06-Aug-07	1	U
PL2-443A	GW071114-PL2-443A	8 - 23	14-Nov-07	1	U

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
PL2-443A	GW080206-PL2-443A	8 - 23	06-Feb-08	1	U
PL2-443A	GW-080805-PL2-443A	8 - 23	05-Aug-08	1	U
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	0.46	
PL2-443A	GW4-PL2443A-0	8 - 23	30-Mar-95	2	U
PL2-443A	GW5-PL2443A-0	8 - 23	02-Aug-95	0.24	
PL2-443A	GW5-PL2443A-0	8 - 23	02-Aug-95	2	U
PL2-443A	GWQ01-PL2443A-0	8 - 23	21-Nov-95	0.1	
PL2-443A	GWQ01-PL2443A-0	8 - 23	21-Nov-95	2	U
PL2-443A	GWQ01-PL2443A-1	8 - 23	21-Nov-95	0.1	
PL2-443A	GWQ01-PL2443A-1	8 - 23	21-Nov-95	2	U
PL2-443A	GWQ02-PL2443A-0	8 - 23	27-Feb-96	2	U
PL2-443A	GWQ03-PL2443A-0	8 - 23	21-May-96	2	U
PL2-443A	GWQ04-PL2443A-0	8 - 23	21-Aug-96	2	U
PL2-443A	GWQ05-PL2443A-0	8 - 23	19-Nov-96	2	U
PL2-443A	PL2-443A-040803	8 - 23	03-Aug-04	1	U
PL2-444A	GW5-PL2444A-0	10 - 25	15-Aug-95	0.47	
PL2-444A	GW5-PL2444A-0	10 - 25	15-Aug-95	2	U
PL2-444A	GWQ01-PL2444A-0	10 - 25	15-Nov-95	0.22	
PL2-444A	GWQ01-PL2444A-0	10 - 25	15-Nov-95	2	U
PL2-444A	GWQ02-PL2444A-0	10 - 25	05-Mar-96	2	U
PL2-444A	GWQ03-PL2444A-0	10 - 25	22-May-96	2	U
PL2-444A	GWQ04-PL2444A-0	10 - 25	21-Aug-96	2	U
PL2-444A	GWQ05-PL2444A-0	10 - 25	19-Nov-96	2	U
PL2-445A	GW5-PL2445A-0	10 - 25	10-Aug-95	0.12	
PL2-445A	GW5-PL2445A-0	10 - 25	10-Aug-95	2	U
PL2-445A	GWQ01-PL2445A-0	10 - 25	14-Nov-95	0.14	
PL2-445A	GWQ01-PL2445A-0	10 - 25	14-Nov-95	2	U
PL2-445A	GWQ02-PL2445A-0	10 - 25	28-Feb-96	2	U
PL2-445A	GWQ04-PL2445A-0	10 - 25	23-Aug-96	2	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	1	U
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	1	U
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	1	U
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	1	U
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	1	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	1	U
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	1	U
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	1	U
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	1	UJ
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	1	UJ
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	1	UJ
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	1	U
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	1	U
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	1	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	1	U
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	1	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	1	U
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	1	
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	1	U
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	1.5	J
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	1.5	J
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	1	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	1	U

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	4.5	
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	1	UJ
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	UJ
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	1	UJ
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	1	U
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	1	U
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	1	U
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	1	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	1	U
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	1	UJ
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	1	U
WF-16	WF16-35	35 - 35	04-Mar-02	1	U
WF-16	WF16-45	45 - 45	04-Mar-02	6.1	
WF-17	WF17-35	35 - 35	04-Mar-02	1	U
WF-17	WF17-45	45 - 45	04-Mar-02	1.9	
WF-18	WF18-25	25 - 25	04-Mar-02	1	U
WF-18	WF18-35	35 - 35	04-Mar-02	280	
WF-18	WF18-35	35 - 35	04-Mar-02	320	E
WF-18	WF18-45	45 - 45	04-Mar-02	3.6	
WF-18	WF18-45D	45 - 45	04-Mar-02	3.6	
WF-19	WF19-25	25 - 25	04-Mar-02	1	U
WF-19	WF19-35	35 - 35	04-Mar-02	240	
WF-19	WF19-45	45 - 45	04-Mar-02	700	
WF-19	WF19-55	55 - 55	04-Mar-02	2.7	
WF-20	WF20-25	25 - 25	04-Mar-02	1	U
WF-20	WF20-35	35 - 35	04-Mar-02	1.4	
WF-20	WF20-45	45 - 45	04-Mar-02	21	
WF-21	WF21-25	25 - 25	04-Mar-02	1	U
WF-21	WF21-35	35 - 35	04-Mar-02	5	
WF-21	WF21-45	45 - 45	04-Mar-02	1	U
WF-22	WF22-25	25 - 25	26-Mar-02	1	U
WF-22	WF22-35	35 - 35	26-Mar-02	1	U
WF-22	WF22-45	45 - 45	26-Mar-02	1	U
WF-23	WF23-25	25 - 25	26-Mar-02	1	U
WF-23	WF23-35	35 - 35	26-Mar-02	1	U
WF-23	WF23-45	45 - 45	26-Mar-02	1	U
WF-24	WF24-25	25 - 25	28-Mar-02	1	U
WF-24	WF24-35	35 - 35	28-Mar-02	1	U
WF-24	WF24-45	45 - 45	28-Mar-02	1	U
WF-25	WF25-25	25 - 25	26-Mar-02	1	U
WF-25	WF25-35	35 - 35	26-Mar-02	1600	
WF-25	WF25-45	45 - 45	26-Mar-02	1.9	
WF-25	WF25-45D	45 - 45	26-Mar-02	1.7	
WF-25	WF25-55	55 - 55	26-Mar-02	100	
WF-25	WF25-55	55 - 55	26-Mar-02	51	
WF-26	WF26-25	25 - 25	26-Mar-02	1.7	
WF-26	WF26-25	25 - 25	26-Mar-02	1.1	
WF-26	WF26-35	35 - 35	26-Mar-02	340	
WF-26	WF26-45	45 - 45	26-Mar-02	1.5	
WF-27	WF27-25	25 - 25	28-Mar-02	1	U
WF-27	WF27-35	35 - 35	28-Mar-02	580	
WF-27	WF27-35	35 - 35	28-Mar-02	610	E

2-40s Area Historical COC Results
Vinyl Chloride Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
Vinyl Chloride - 2004 Groundwater Screening Level = 0.73 µg/L					
WF-27	WF27-45	45 - 45	28-Mar-02	2.5	
WF-27	WF27-45D	45 - 45	28-Mar-02	2.5	
WF-27B	WF 27B-25	25 - 25	02-May-02	2.1	
WF-27B	WF 27B-35	35 - 35	02-May-02	1	U
WF-27B	WF 27B-45	45 - 45	02-May-02	1	U
WF-30	WF 30-20	20 - 20	02-May-02	1	U
WF-30	WF 30-30	30 - 30	02-May-02	1	U
WF-30	WF 30-40	40 - 40	02-May-02	1	U
WF-31	WF31-20	20 - 20	01-May-02	1	U
WF-31	WF31-30	30 - 30	01-May-02	1	U
WF-31	WF31-40	40 - 40	01-May-02	1	U
WF-32	WF32-20	20 - 20	01-May-02	1	U
WF-32	WF32-30	30 - 30	01-May-02	1	U
WF-32	WF32-40	40 - 40	01-May-02	1	U
WF-33	WF33-20	20 - 20	01-May-02	33	
WF-33	WF33-30	30 - 30	01-May-02	250	
WF-33	WF33-30D	30 - 30	01-May-02	360	
WF-33	WF33-40	40 - 40	01-May-02	1	U
WF-33	WF33-50	50 - 50	01-May-02	1	U
WF-34	WF34-20	20 - 20	01-May-02	1	U
WF-34	WF34-30	30 - 30	01-May-02	1	U
WF-34	WF34-40	40 - 40	01-May-02	1	U
WF-35	WF35-20	20 - 20	01-May-02	140	
WF-35	WF35-30	30 - 30	01-May-02	1	U
WF-35	WF35-40	40 - 40	01-May-02	1	U
WF-37	WF 37-25	25 - 25	02-May-02	1	U
WF-37	WF 37-35	35 - 35	02-May-02	1300	
WF-37	WF 37-35	35 - 35	02-May-02	680	E
WF-37	WF 37-45	45 - 45	02-May-02	270	
WF-38	WF 38-20	20 - 20	02-May-02	1	U
WF-38	WF 38-30	30 - 30	02-May-02	1	U
WF-38	WF 38-30D	30 - 30	02-May-02	1	U
WF-38	WF 38-40	40 - 40	02-May-02	1	U

2-40s Area Historical COC Results
TPH Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
TPH - 2004 Groundwater Screening Level = 500 µg/L					
GP-04001	GP-04001-0190	19 - 19	07-Nov-94	1000	U
GP-04001	GP-04001-0240	24 - 24	07-Nov-94	1000	U
GP-04002	GP-04002-0190	19 - 19	03-Nov-94	1000	U
GP-04002	GP-04002-0240	24 - 24	03-Nov-94	1000	U
GP-04101	W20-GP-04101-0130	13 - 13	26-Aug-94	27000	
GP-04101	W20-GP-04101-0230	23 - 23	07-Sep-94	1000	U
GP-04102	W20-GP-04102-0130	13 - 13	26-Aug-94	1000	U
GP-04102	W20-GP-04102-0230	23 - 23	26-Aug-94	1000	U
GP-04103	W20-GP-04103-0130	13 - 13	26-Aug-94	1000	U
GP-04103	W20-GP-04103-0230	23 - 23	26-Aug-94	1000	U
GP-04103	W20-GP-04103-1130	13 - 13	26-Aug-94	1000	U
GP-04104	W20-GP-04104-0130	13 - 13	29-Aug-94	1000	U
GP-04104	W20-GP-04104-0230	23 - 23	29-Aug-94	1000	U
GP-04105	W20-GP-04105-0130	13 - 13	29-Aug-94	1000	U
GP-04105	W20-GP-04105-0230	23 - 23	29-Aug-94	1000	U
GP-04106	W20-GP-04106-0130	13 - 13	29-Aug-94	1000	U
GP-04106	W20-GP-04106-0230	23 - 23	29-Aug-94	1000	U
GP-04107	W20-GP-04107-0130	13 - 13	29-Aug-94	1000	U
GP-04107	W20-GP-04107-0230	23 - 23	29-Aug-94	1000	U
GP-04108	W20-GP-04108-0130	13 - 13	29-Aug-94	1000	U
GP-04108	W20-GP-04108-0230	23 - 23	29-Aug-94	1000	U
GP-04109	W20-GP-04109-0130	13 - 13	30-Aug-94	1000	U
GP-04109	W20-GP-04109-0230	23 - 23	30-Aug-94	1000	U
GP-04110	W20-GP-04110-0130	13 - 13	30-Aug-94	1000	U
GP-04110	W20-GP-04110-0230	23 - 23	30-Aug-94	1000	U
GP-04111	W20-GP-04111-0130	13 - 13	30-Aug-94	1000	U
GP-04111	W20-GP-04111-0230	23 - 23	30-Aug-94	1000	U
GP-04112	W20-GP-04112-0140	14 - 14	30-Aug-94	1000	U
GP-04112	W20-GP-04112-0240	24 - 24	30-Aug-94	1000	U
GP-04112	W20-GP-04112-1240	24 - 24	30-Aug-94	1000	U
GP-04113	W20-GP-04113-0130	13 - 13	31-Aug-94	1000	U
GP-04113	W20-GP-04113-0230	23 - 23	31-Aug-94	1000	U
GP-04114	W20-GP-04114-0130	13 - 13	31-Aug-94	1000	U
GP-04114	W20-GP-04114-0230	23 - 23	31-Aug-94	1000	U
GP-04115	W20-GP-04115-0130	13 - 13	31-Aug-94	1000	U
GP-04115	W20-GP-04115-0230	23 - 23	31-Aug-94	1000	U
GP-04116	W20-GP-04116-0130	13 - 13	31-Aug-94	1000	U
GP-04116	W20-GP-04116-0230	23 - 23	31-Aug-94	1000	U
GP-04134	GP-04134-0210	21 - 21	09-Nov-94	1000	U
GP-04134	GP-04134-0260	26 - 26	09-Nov-94	1000	U
GP-04135	GP-04135-0210	21 - 21	10-Nov-94	1000	U
GP-04135	GP-04135-0260	26 - 26	10-Nov-94	1000	U
GP-04138	GP-04138-0210	21 - 21	08-Nov-94	1000	U
GP-04138	GP-04138-0260	26 - 26	08-Nov-94	1000	U
GP-04138	GP-04138-1210	21 - 21	08-Nov-94	1000	U
GP-04301	GP-04301-0220	22 - 22	16-Nov-94	1000	U
GP-04301	GP-04301-0270	27 - 27	16-Nov-94	1000	U
GP-04404	GP-04404-0250	25 - 25	26-Jul-95	1000	U
GP-04405	GP-04405-0170	17 - 17	15-Jul-95	1000	U
GP-04405	GP-04405-0250	25 - 25	15-Jul-95	1000	U

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2-40s Area Historical COC Results
TPH-Diesel Range Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
TPH - Diesel Range - 2004 Groundwater Screening Level = 500 µg/L					
DP-4003	DP-0-4003-1-130-PD	11 - 15	29-Aug-02	250	UJ
DP-4004	DP-0-4004-1-130-PD	11 - 15	29-Aug-02	250	UJ
DP-4005	DP-0-4005-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4005	DP-1-4005-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4006	DP-0-4006-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4007	DP-0-4007-1-130-PD	11 - 15	22-Aug-02	250	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	250	UJ
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	250	UJ
DP-4101	DP-0-4101-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4102	DP-0-4102-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4103	DP-0-4103-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	250	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	300	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	1200	UJB
DP-4108	DP-0-4108-1-130-PD	11 - 15	19-Aug-02	250	UJ
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	250	UJ
DP-4110	DP-0-4110-1-130-PD	11 - 15	20-Aug-02	250	U
DP-4111	DP-0-4111-1-130-PD	11 - 15	19-Aug-02	250	UJ
DP-4112	DP-0-4112-1-130-PD	11 - 15	19-Aug-02	250	UJ
DP-4113	DP-0-4113-1-130-PD	11 - 15	19-Aug-02	250	UJ
DP-4114	DP-0-4114-1-130-PD	11 - 15	20-Aug-02	250	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	250	UJ
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	250	UJ
DP-4116	DP-0-4116-1-130-PD	9 - 14	11-Sep-02	250	U
DP-4125	DP-0-4125-1-130-PD	11 - 15	09-Sep-02	250	U
DP-4126	DP-0-4126-1-130-PD	11 - 15	10-Sep-02	250	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	250	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	250	UJ
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	250	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	250	U
DP-4137	DP-0-4137-1-130-PD	11 - 15	05-Sep-02	250	UJ
DP-4138	DP-0-4138-1-130-PD	10 - 15	16-Sep-02	250	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	250	J
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	250	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	250	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	250	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	250	U
DP-4416	DP-0-4416-1-150-PD	11 - 15	06-Sep-02	250	U
DP-4417	DP-0-4417-1-130-PD	11 - 15	05-Sep-02	520	J
DP-4418	DP-0-4418-1-150-PD	11 - 15	06-Sep-02	250	U
DP-4419	DP-0-4419-1-150-PD	13 - 17	28-Aug-02	320	
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	10000	U
GP-04140	GP-04140-0150	15 - 15	14-Jul-95	10000	U
GP-04140	GP-04140-0250	25 - 25	14-Jul-95	10000	U
GP-04140	GP-04140-0450	45 - 45	14-Jul-95	10000	U
GP-04140	GP-04140-1250	25 - 25	14-Jul-95	10000	U
GP-04141	GP-04141-0170	17 - 17	08-Aug-95	10000	U
GP-04141	GP-04141-0250	25 - 25	08-Aug-95	10000	U
GP-04141	GP-04141-0450	45 - 45	08-Aug-95	10000	U

2-40s Area Historical COC Results
TPH-Diesel Range Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
TPH - Diesel Range - 2004 Groundwater Screening Level = 500 µg/L					
GP-04142	GP-04142-0150	15 - 15	14-Jul-95	10000	U
GP-04142	GP-04142-0250	25 - 25	15-Jul-95	10000	U
GP-04142	GP-04142-0450	45 - 45	15-Jul-95	10000	U
PL2-321A	GW2-PL2321A-0	8 - 18	02-Dec-94	250	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	10000	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	10000	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	10000	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	250	UJ
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	250	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	250	UJ
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	250	UJ
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	250	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	250	UJ
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	250	UJ
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	250	UJ
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	250	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	250	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	250	UJ
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	250	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	410	J
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	280	
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	250	UJ
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	250	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	250	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	250	UJ
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	250	UJ
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	250	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	250	UJ
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	250	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	250	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	460	
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	250	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	250	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	250	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	250	UJ
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	250	UJ
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	250	UJ
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	250	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	250	UJ
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	250	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	250	UJ

2-40s Area Historical COC Results
TPH - Motor Oil Range Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
TPH - Motor Oil Range - 2004 Groundwater Screening Level = 500 µg/L					
DP-4003	DP-0-4003-1-130-PD	11 - 15	29-Aug-02	500	UJ
DP-4004	DP-0-4004-1-130-PD	11 - 15	29-Aug-02	500	UJ
DP-4005	DP-0-4005-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4005	DP-1-4005-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4006	DP-0-4006-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4007	DP-0-4007-1-130-PD	11 - 15	22-Aug-02	500	UJ
DP-4008	DP-0-4008-1-130-PD	11 - 15	22-Aug-02	500	UJ
DP-4009	DP-5-4009-1-130-PD	11 - 15	22-Aug-02	500	UJ
DP-4101	DP-0-4101-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4102	DP-0-4102-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4103	DP-0-4103-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4104	DP-0-4104-1-130-PD	11 - 15	20-Aug-02	500	U
DP-4105	DP-0-4105-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4105	DP-1-4105-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4106	DP-0-4106-1-130-PD	11 - 15	19-Aug-02	500	UJ
DP-4107	DP-0-4107-1-130-PD	11 - 15	19-Aug-02	3000	J
DP-4108	DP-0-4108-1-130-PD	11 - 15	19-Aug-02	500	UJ
DP-4109	DP-0-4109-1-130-PD	11 - 15	16-Aug-02	500	UJ
DP-4110	DP-0-4110-1-130-PD	11 - 15	20-Aug-02	500	U
DP-4111	DP-0-4111-1-130-PD	11 - 15	19-Aug-02	500	UJ
DP-4112	DP-0-4112-1-130-PD	11 - 15	19-Aug-02	500	UJ
DP-4113	DP-0-4113-1-130-PD	11 - 15	19-Aug-02	500	UJ
DP-4114	DP-0-4114-1-130-PD	11 - 15	20-Aug-02	500	U
DP-4115	DP-0-4115-1-130-PD	11 - 15	16-Aug-02	500	UJ
DP-4115	DP-1-4115-1-130-PD	11 - 15	16-Aug-02	500	UJ
DP-4116	DP-0-4116-1-130-PD	9 - 14	11-Sep-02	500	U
DP-4125	DP-0-4125-1-130-PD	11 - 15	09-Sep-02	500	U
DP-4126	DP-0-4126-1-130-PD	11 - 15	10-Sep-02	500	U
DP-4127	DP-0-4127-1-130-PD	11 - 15	19-Aug-02	500	U
DP-4133	DP-0-4133-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4134	DP-0-4134-1-130-PD	11 - 15	21-Aug-02	500	UJ
DP-4135	DP-0-4135-1-150-PD	13 - 17	20-Aug-02	500	U
DP-4136	DP-0-4136-1-150-PD	13 - 17	20-Aug-02	500	U
DP-4137	DP-0-4137-1-130-PD	11 - 15	05-Sep-02	500	UJ
DP-4138	DP-0-4138-1-130-PD	10 - 15	16-Sep-02	500	UJ
DP-4411	DP-0-4411-1-150-PD	11 - 15	28-Aug-02	500	UJ
DP-4412	DP-0-4412-1-130-PD	9 - 14	16-Sep-02	500	UJ
DP-4413	DP-0-4413-1-130-PD	14 - 17	24-Sep-02	500	U
DP-4414	DP-0-4414-1-150-PD	13 - 17	28-Aug-02	500	U
DP-4415	DP-0-4415-1-150-PD	13 - 17	28-Aug-02	500	U
DP-4416	DP-0-4416-1-150-PD	11 - 15	06-Sep-02	500	U
DP-4417	DP-0-4417-1-130-PD	11 - 15	05-Sep-02	500	UJ
DP-4418	DP-0-4418-1-150-PD	11 - 15	06-Sep-02	500	U
DP-4419	DP-0-4419-1-150-PD	13 - 17	28-Aug-02	500	U
GP-04136	GP-04136-0150	15 - 15	16-Feb-95	25000	U
GP-04140	GP-04140-0150	15 - 15	14-Jul-95	25000	U
GP-04140	GP-04140-0250	25 - 25	14-Jul-95	25000	U
GP-04140	GP-04140-0450	45 - 45	14-Jul-95	25000	U
GP-04140	GP-04140-1250	25 - 25	14-Jul-95	25000	U
GP-04141	GP-04141-0170	17 - 17	08-Aug-95	25000	U
GP-04141	GP-04141-0250	25 - 25	08-Aug-95	25000	U
GP-04141	GP-04141-0450	45 - 45	08-Aug-95	25000	U

2-40s Area Historical COC Results
TPH - Motor Oil Range Concentrations in Groundwater

Sample Location	Sample Name	Sample Interval (ft. bgs)	Sample Date	Concentration (µg/L)	Data Qualifier
TPH - Motor Oil Range - 2004 Groundwater Screening Level = 500 µg/L					
GP-04142	GP-04142-0150	15 - 15	14-Jul-95	25000	U
GP-04142	GP-04142-0250	25 - 25	15-Jul-95	25000	U
GP-04142	GP-04142-0450	45 - 45	15-Jul-95	25000	U
PL2-425A	W13-GW1-PL2-025A-0	8 - 18	20-Dec-93	25000	U
PL2-440A	GW2-PL2440A-0	8 - 18	20-Oct-94	25000	U
PL2-442A	GW2-PL2442A-0	8 - 18	02-Dec-94	25000	U
SW-07	DP-0-SW07-1-130-PD	11 - 15	29-Aug-02	500	UJ
SW-08	DP-0-SW08-1-130-PD	11 - 15	29-Aug-02	500	UJ
SW-09	DP-0-SW09-1-130-PD	11 - 15	22-Aug-02	500	UJ
SW-10	DP-0-SW10-1-130-PD	11 - 15	22-Aug-02	500	UJ
SW-12	DP-0-SW12-1-130-PD	11 - 15	30-Aug-02	500	U
SW-13	DP-0-SW13-1-130-PD	11 - 15	23-Aug-02	500	UJ
SW-14	DP-0-SW14-1-130-PD	11 - 15	22-Aug-02	500	UJ
SW-15	DP-0-SW15-1-130-PD	11 - 15	22-Aug-02	500	UJ
SW-16	DP-0-SW16-1-130-PD	11 - 15	20-Aug-02	500	U
SW-17	DP-0-SW17-1-170-PD	15 - 19	20-Aug-02	500	U
SW-18	DP-0-SW18-1-104-PD	10 - 14	16-Aug-02	500	UJ
SW-19	DP-0-SW19-1-130-PD	11 - 15	23-Aug-02	500	UJ
SW-20	DP-0-SW20-1-130-PD	11 - 15	22-Aug-02	500	UJ
SW-21	DP-0-SW21-1-130-PD	11 - 15	09-Sep-02	500	U
SW-22	DP-0-SW22-1-130-PD	11 - 15	19-Aug-02	500	UJ
SW-23	DP-0-SW23-1-130-PD	11 - 15	05-Sep-02	500	UJ
SW-24	DP-0-SW24-1-130-PD	9 - 13	13-Aug-02	500	UJ
SW-25	DP-0-SW25-1-130-PD	11 - 15	22-Aug-02	500	UJ
SW-26	DP-0-SW26-1-130-PD	11 - 15	22-Aug-02	500	UJ
SW-27	DP-0-SW27-1-130-PD	11 - 15	05-Sep-02	500	UJ
SW-28	DP-5-SW28-1-121-PD	12.1 - 12.1	16-Aug-02	500	UJ
SW-29	DP-0-SW29-1-125-PD	11 - 15	16-Aug-02	500	UJ
SW-30	DP-0-SW30-1-140-PD	10 - 14	13-Aug-02	500	UJ
SW-31	DP-0-SW31-1-150-PD	11 - 15	30-Aug-02	500	U
SW-32	DP-0-SW32-1-150-PD	13 - 17	06-Sep-02	500	U
SW-33	DP-0-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	500	U
SW-33	DP-1-SW33-1-130-PD	9.5 - 14.5	26-Sep-02	500	U
SW-34	DP-0-SW34-1-130-PD	11 - 15	23-Aug-02	500	UJ
SW-35	DP-0-SW35-1-130-PD	11 - 15	23-Aug-02	500	UJ
SW-48	DP-0-SW48-1-130-PD	11 - 15	21-Aug-02	500	UJ
SW-49	DP-0-SW49-1-130-PD	10 - 14	29-Aug-02	500	U
SW-50	DP-0-SW50-1-130-PD	11 - 15	19-Aug-02	500	UJ
SW-51	DP-5-SW51-1-130-PD	11 - 15	20-Aug-02	500	U
SW-52	DP-0-SW52-1-130-PD	11 - 15	19-Aug-02	500	UJ