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**Cc:** [Norton, Ted](#); [Carscadden, Denise](#); [Tahiry, Sela](#); [Clabaugh, Charles D.](#); [Cramer, Valerie \(ECY\)](#); [Colouzis, Christa \(ECY\)](#)  
**Subject:** Boeing Plant 2 - Data Summary and Completion Report  
**Date:** Wednesday, March 20, 2024 2:57:25 PM  
**Attachments:** [image001.gif](#)  
[Boeing to EPA RA8 P2IM-SM-123 and P2IM-SM-186 Completion Report\\_03202024.pdf](#)  
[Boeing Plant 2 - Completion Report RA 8 P2IM-SM-123 -186-03182024.pdf](#)

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Janette,

The Boeing Plant 2 Completion Report for Soil Excavations P2IM-SM-123 and P2IM-SM-186 is attached.

Please let me know if you have any questions.

Thank you,

***Molly Taptich, P.G.***

Environmental Remediation Project Manager

Global Enterprise Sustainability

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The Boeing Company  
P.O. Box 3707  
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March 20, 2024  
MT-2024-040

**BY EMAIL**

Janette Knittel  
U.S. Environmental Protection Agency  
1200 Sixth Avenue, Suite 155, 15-H04  
Seattle, WA 98101

Subject: *Boeing Plant 2 Completion Report Soil Excavations P2IM-SM-123 and P2IM-SM-186 in Remediation Area 8* submittal  
Boeing Plant 2, WAD 00925 6819  
RCRA Docket #1092-01-22-3008(h)

Dear Ms. Knittel:

Please find attached the Completion Report Soil Excavations P2IM-SM-123 and P2IM-SM-186 in Remediation Area 8 for Boeing Plant 2.

Please call or email me if you have any questions or comments.

Sincerely,

A handwritten signature in black ink that reads "Molly Taptich".

Molly Taptich  
Plant 2 Project Coordinator  
Global Environmental Sustainability | Remediation Group  
PO Box 3707 MC 46-202 Seattle, WA 98124  
Mobile: 206-883-7494  
molly.h.taptich@boeing.com

Enclosures

cc: Val Cramer – Washington Dept. of Ecology  
Christa Colouzis – Washington Dept. of Ecology



**REPORT**

**BOEING PLANT 2 COMPLETION REPORT - SOIL  
EXCAVATIONS P2IM-SM-123 AND P2IM-SM-186 IN  
REMEDIAATION AREA 8**

Submitted to:

United States Environmental Protection Agency

Submitted on behalf of:

The Boeing Company

Submitted by:

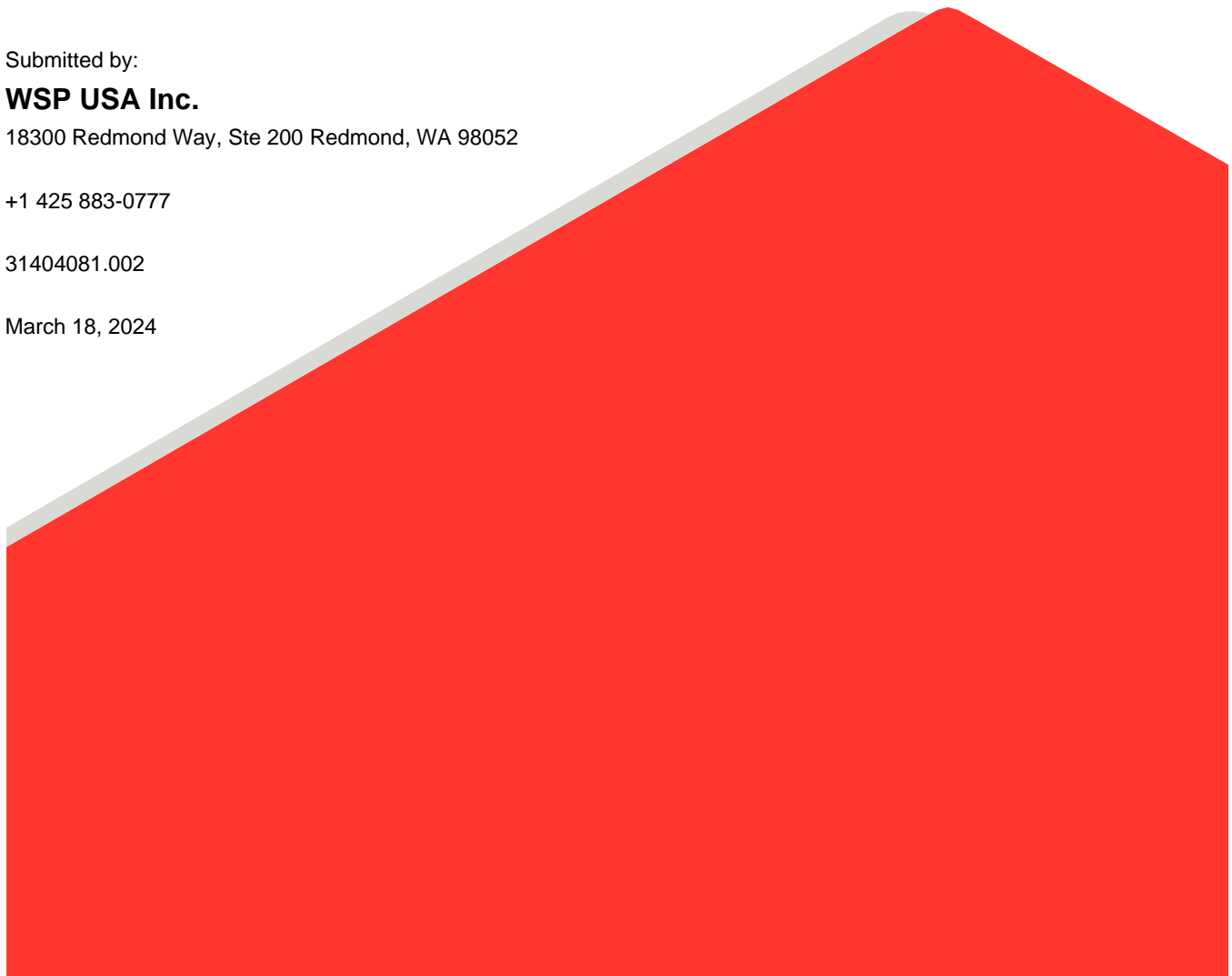
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March 18, 2024



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## 1.0 INTRODUCTION

This completion report for Boeing Plant 2, excavations P2IM-SM-123 and P2IM-SM-186 in Remediation Area 8 (RA 8) has been prepared by WSP USA Inc. (WSP) on behalf of The Boeing Company (Boeing). This report is subject to the Administrative Order on Consent (Order) No. 1092-01-22-3008(h) between Boeing and the US Environmental and Protection Agency (USEPA) Region X. The Order was issued by USEPA to Boeing under the authority of Section 3008(h) of the Resource Conservation and Recovery Act (RCRA) of 1976, as amended (42 USC 6928(h)). and became effective on January 18, 1994. The Order specifies activities necessary to identify and correct actual or potential threats to human health and the environment resulting from the release or potential release of hazardous constituents from the Plant 2 facility through a corrective measures study (CMS).

The CMS process required Boeing to conduct a remedial investigation/feasibility (RI/FS) study and recommend remedial alternatives to the USEPA. USEPA proposed final remedial actions as documented in the Statement of Basis (SB; USEPA 2022a). The USEPA issued their Response to Comments on the SB (USEPA 2022a) and issued their Final Corrective Action Decision (Decision Document) on July 21, 2022. The Decision Document (USEPA 2022b) was the final element of the CMS process for Plant 2 and represented the hand-off to the Corrective Measures Implementation (CMI) phase of the RCRA process under the Order.

The Decision Document (USEPA 2022b) identified excavation and off-site disposal for eight isolated locations in RA-8 (paved industrial area) that exceed final media cleanup levels (FMCLs) for the Plant 2 paved industrial area for one or more of the following constituents of concern (COC), arsenic, chromium (VI), free cyanide, carcinogenic polycyclic aromatic hydrocarbons (cPAHs), and/or motor-oil range petroleum hydrocarbons (MoRPH). Boeing is currently preparing a CMI work plan for conducting the Plant 2 corrective measures in accordance with the SB (USEPA 2022a). The P2IM-SM-123 and P2IM-SM-186 excavations areas (Figure 1) are two of the eight locations in RA-8, a soil remediation area that includes all portions of the paved industrial area at Plant 2 not contained in other RAs.

The P2IM-SM-123 and P2IM-SM-186 excavation areas are located in the Plant 2 Lot 40 Aircraft Production Stalls area (Figure 1). Boeing is currently in the initial stages of a design/feasibility study for a potential construction project to upgrade and reconfigure the Lot 40 aircraft production stalls. Prior to demolition in 2010, the P2IM-SM-123 excavation area was located in the footprint of a machine shop in the 2-44 Building. The machine shop area was designated as Other Area 21 Building 2-44 Machine Shop Area (OA 21) under the RCRA program (Golder 2013). P2IM-SM-186 is related to a petroleum hydrocarbon release discovered during the 2012 Plant 2 redevelopment project while conducting excavation activities for the installation of a concrete foundation for a new light pole (2-41 Light Pole Base). As noted in the SB (USEPA 2022a), a large portion of the paved industrial area south of the bridge was remediated as part of the 2010-2012 demolition/redevelopment project during which impacted soil was removed (including those at OA 21 and the 2-41 Light Pole Base) and building structures including concrete foundations, sumps, and tunnels were demolished and excavated.

The timing of the design/feasibility study requires resolution from EPA of the P2IM-SM-123 and P2IM-SM-186 excavation areas prior to completion of the CMI work plan and potential construction project. During review of the data in preparation for the Lot 40 construction project, it became apparent that the excavation activities conducted during the 2010-2012 demolition/redevelopment project served to complete remediation for both locations. This report provides the background and summary of activities that demonstrate that the RA-8 P2IM-SM-123 and P2IM-SM-186 excavations have been completed and no further corrective measures are required to meet the Soil Cleanup Objectives outlined in the SB (USEPA 2022a).

## 2.0 RA 8 P2IM-SM-123 EXCAVATION

### 2.1 Background and Historical Description

Historical information and analytical data for OA 21 is contained in Plant 2 RCRA documents, records and RCRA database from the initial discovery, subsequent investigations under the Plant 2 RCRA Facility Investigation (RFI), 2-40s RCRA data gap investigation, and the 2010 - 2012 demolition/redevelopment activities. The discovery of impacted soil and subsequent RFI soil and groundwater sampling in OA 21 is presented in the Technical Memorandum SWMU/AOC/OA – Specific Data Presentation RCRA Corrective Measure Study Volume III Boeing Plant 2 Seattle/Tukwila, Washington (Weston 2000).

Soil samples were collected from three probe locations when the OA 21 was investigated during the 2-40s DGI for petroleum hydrocarbons (EPI et. al. 2009). Soil investigations and removal actions are well documented in the Interim Measure Completion Report 2010 – 2012 and Stormwater Management Plan Boeing Plant 2 (2010 -2012 IM Completion Report, Golder 2013). The relevant portion of that report that provides details of the OA 21 history, sampling, sample results, and removal actions is provided in Appendix A.

The cleanup criteria that dictated the extent of excavation for MoRPH and Bunker C (and other COCs) were different in 2009 than the FMCLs identified in the EPA Decision Document in 2022. However, the 2010 – 2012 IM Completion Report (Golder 2013) clearly documents the removal of MoRPH (and polychlorinated biphenyls [PCBs]) impacted soil to below industrial FMCLs to a depth of 11 feet below ground surface (bgs) (i.e., vadose zone soils). The 2010 – 2012 IM Completion Report (Golder 2013) states that the approximately 720 cubic yards of impacted soil was removed and disposed of off-site.

### 2.2 Nature and Extent

EPA's Decision Document (2022b) identified the list of COCs for Plant 2 paved industrial area soils and groundwater. Table B-1 in Appendix B presents the analytical soil results for all soil sample locations associated with the OA 21 remedial actions (RA 8 Excavation P2IM-SM-123), provides a comparison to the applicable Plant 2 COCs to paved industrial soil FMCLs, and identifies sample locations that were removed or remain in-place.

Numerous soil samples were collected in association with OA 21 during the various iterations of soil investigations and excavation confirmation sampling. Soil samples were collected at depths throughout the soil column and at the water table elevation. Figure 2 presents all sample locations associated with OA 21 including P2IM-SM-123. Figure 3 presents the sample locations that represent soil that remains in-place following the final remedial actions conducted during the 2010 – 2012 demolition/redevelopment activities. Figure 3 also provides sample depths and identifies that sample location P2IM-SM-123 at 11 feet bgs is the only location where concentrations of MoRPH (61,000 mg/kg) exceed the FMCL (17,000 mg/kg). The USEPA (2022b) Decision Document defines the Plant 2 soil point of compliance at 11 feet bgs.

Groundwater was sampled at three locations (2-40-DP-006, GP-04404, and GP-04405) associated with OA 21 and a downgradient location (2-40-DP-013) associated with the investigation of building sump SPL-044-029. Groundwater sample locations are presented in Figure 4. Locations GP-04404 and GP-04405 were sampled in association with the RFI and focused on total petroleum hydrocarbons (TPH) and polychlorinated biphenyls (PCBs) respective of the release identified at OA 21. Locations 2-40-DP-006 and 2-40-DP-013 were sampled in association with the 2-40s DGI and associated samples were analyzed for a broad spectrum of constituents. Table B-2 in Appendix B presents the analytical groundwater results for all groundwater sample locations and

provides a comparison to the applicable Plant 2 groundwater COC FMCLs. There are no groundwater FMCLs for TPH (MoRPH or diesel range petroleum hydrocarbons [DRPH]) and surrogate constituents (benzene, ethylbenzene, xylene, toluene, and naphthalene) are used to evaluate TPH impacts as detailed in the SB (USEPA 2022a). The historical groundwater sampling indicated the groundwater has not been impacted by the release. Bis(2-ethylhexyl) phthalate was detected at 2-40-DP-013 and is the only COC detected exceeding its FMCL, but it is not a surrogate constituent for TPH nor is it associated with the OA 21 release.

## 2.3 Discussion

Historical information and analytical data from the initial discovery, subsequent investigations, and the 2010 - 2012 demolition/redevelopment activities including removal of approximately 720 cubic yards of impacted soil, indicate that further remedial actions are not required for this location as:

- All data representative of the vadose zone soil remaining in-place does not exceed soil FMCLs (Table 1).
- P2IM-SM-123 was collected at 11 feet bgs (soil point of compliance), and therefore does not require further excavation.
- Groundwater data collected from two RFI direct push probes and two direct push probes from the 2-40s DGI placed to specifically evaluate groundwater at OA 21 did not detect MoRPH or (DRPH) above the Washington State Model Toxics Control Act (MTCA) cleanup levels or (TPH surrogate) FMCLs.
- The Plant 2 groundwater conditional point of compliance is the shoreline monitoring well network. TPH surrogate constituents (benzene, ethylbenzene, xylene, toluene, and naphthalene) have not been detected in downgradient shoreline monitoring network samples collected at PL2-616A, PL2-617A, and PL2-618A. There is no indication that there is a MoRPH groundwater plume originating from upgradient that exceeds groundwater FMCLs.

Historical data demonstrate that groundwater was not impacted and source removal above soil COC FMCLs has been completed to the point of compliance.

## 3.0 RA 8 P2IM-SM-186 EXCAVATION

### 3.1 Background and Historical Description

Historical information and analytical data associated with the RA 8 P2IM-SM-186 excavation were generated in association with the 2-41 Light Pole Base and are well documented in the 2010 – 2012 IM Completion Report (Golder 2013). The data was collected in association with the discovery of a petroleum hydrocarbon release while conducting excavation activities for the construction of a light pole foundation in the 2-41 area of Plant 2 during the 2012 redevelopment project. The relevant portion of that report that provides details of the 2-41 Light Pole Base sampling, sample results, and removal actions is provided in Appendix C.

The cleanup criteria that dictated the extent of excavation for MoRPH, Bunker C, and DRPHs were different in 2012 than the FMCLs identified in the EPA Decision Document in 2022.

However, Table 5 in the 2010 – 2012 IM Completion Report (Golder 2013) clearly documents the removal of the MoRPH-, Bunker C-, and DRPH-impacted soil to below FMCLs to a depth of 11 feet bgs (i.e., vadose zone soils and removal of P2IM-SM-186). The table showing soil sample analytical data is provided in Appendix D. The 2010 – 2012 Interim Measure Completion Report (Golder 2013) states that approximately 150 cubic yards of impacted soil associated with the 2-41 Light Pole Base excavation were removed and disposed of off-site.

## 3.2 Nature and Extent

Numerous soil samples were collected in association with 2-41 Light Pole Base excavation. Soil samples were collected at depths throughout the soil column and at the water table elevation. Figure 5 presents all sample locations associated with 2-41 Light Pole Base excavation including P2IM-SM-186 and identifies the locations that represent soil that remains in-place and locations that were removed. Figure 6 provides sample depths and identifies sample location P2IM-SM-186 at 6 feet bgs as the only location where concentrations of MoRPH (24,000 mg/kg), and Bunker C (96,000 mg/kg) exceeded the FMCLs (17,000 mg/kg).

The 2010 – 2012 IM Completion Report (Golder 2013), Table 5 (Appendix D) presents the analytical soil results for all soil sample locations associated with the 2-41 Light Pole Base remedial actions (RA 8 Excavation P2IM-SM-186), compares the applicable Plant 2 COCs to paved industrial soil FMCLs, and identifies sample locations that were removed or remain in-place. Again, Table 5 identifies that the P2IM-SM-186 sample location (and associated soil) was removed.

## 3.3 Discussion

The preceding established the successful removal of the petroleum hydrocarbons-impacted soil with concentrations exceeding FMCLs at the RA 8 P2IM-SM-186 (2-41 Light Pole Base) excavation. All data representative of the vadose zone indicates that the soil remaining in-place does not exceed soil petroleum hydrocarbon FMCLs. Corrective measures (excavation with off-site disposal) were recommended for RA 8 P2IM-SM-186 in the Boeing Plant 2 Seattle/Tukwila, Washington Uplands Corrective Measure Study Volume X: Corrective Measures Study Report - Plant 2 (CMS Vol X, EPI et. al. 2017) and carried forward to the SB (USEPA 2022a) inadvertently due to a database error.

Sample locations (and associated soil) that are excavated during remedial actions are to be noted as such in the database. The process depends on the field staff overseeing the excavation activities to update the database manager on the removal action, and the database manager manually changes the designation of the sample from remaining in-place to removed. It is apparent that during the 2012 redevelopment, there was a breakdown in the process and P2IM-SM-186 was designated as remaining in place despite the database being subject to quality control reviews. As a result, P2IM-SM-186 appeared as not being removed when running queries to determine locations that exceeded FCMLs and required corrective actions and this location was incorporated into RA 8 corrective measures.

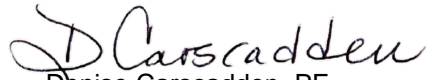
## 4.0 CLOSURE

Boeing is seeking confirmation from EPA that they agree remedial actions for the RA 8 P2IM-SM-123 and P2IM-SM-186 excavations as identified in the SB (USEPA 2022a) have successfully removed soil impacted with petroleum hydrocarbons exceeding the paved industrial FMCLs to the point of compliance. Consistent with the SB (USEPA 2022a), if groundwater at the POC exceeds applicable cleanup levels for the TPH surrogates, the remaining soil contamination will be evaluated as an ongoing source to groundwater and may warrant further corrective measures. USEPA's concurrence allows Boeing to better address the risks associated with these areas during the design/feasibility study phase and future construction of the Plant 2 Lot 40 Aircraft Production if the project moves forward. It is Boeing's intent to obtain EPA's concurrence that upon completion of the tentative aircraft production project, they do not have to return and conduct CMI soil remediation activities in the subject area that will impact new construction and interfere with future aircraft production or operations.

**WSP USA Inc.**



Ted Norton  
*Vice President, Environmental Scientist*



Denise Carscadden, PE  
*Lead Consultant, Engineer*

TN/DC/ks

[https://wsponlinenam.sharepoint.com/sites/gld-127145/project files/6 deliverables/ra completion ra 8 p2im-sm-123 and 186/final/31404081-r-rev0-ra completion report ra 8 p2im-sm-123 -186-03182024.docx](https://wsponlinenam.sharepoint.com/sites/gld-127145/project%20files/6%20deliverables/ra%20completion%20ra%208%20p2im-sm-123%20and%20186/final/31404081-r-rev0-ra%20completion%20report%20ra%208%20p2im-sm-123-186-03182024.docx)

## 5.0 REFERENCES

- Environmental Partners Inc. (EPI), et al. 2009. Uplands Corrective Measures Study Volume Vib: 2-40s Area Data Gap Investigation Report. Prepared for the Boeing Company. December.
- EPI, et al. 2017. Uplands Corrective Measures Study Volume X: Corrective Measures Study Report - Plant 2. Prepared for the Boeing Company. November.
- Golder Associates Inc. (Golder). 2013. Interim Measure Completion Report 2010 – 2012 Soil and Stormwater Management Plan, Demolition and Redevelopment Activities, 2-40s, 2-31 and 2-60s/2-66 Areas, Boeing Plant 2. Prepared for The Boeing Company. May.
- United States Environmental Protection Agency (USEPA). 2022a. Statement of Basis for Proposed Corrective Action. Boeing Plant 2 – Uplands. Boeing Plant 2 Seattle/Tukwila, Washington, EPA Identification Number WAD 00925 6819, Administrative Order on Consent 1092-01-22-3008(h). June 17.
- USEPA. 2022b. Response to Comments and Final Corrective Action Decision Boeing Plant 2 – Uplands Source Control And Corrective Action Seattle/Tukwila, Washington, EPA Identification Number WAD 00925 6819, Administrative Order on Consent 1092-01-22-3008(h). July 18.
- Weston, Roy F. 2000. *Technical Memorandum SWMU/AOC/OA-Specific Data Presentation RCRA Corrective Measures Study*. Boeing-Plant 2, Seattle/Tukwila, WA. Prepared for The Boeing Company. Seattle, Washington.

Table



**Table 1: In-Place Soil Analytical Results for Petroleum Hydrocarbons and Polychlorinated Biphenyls (PCBs)**  
**RA 8 P2IM-SM-123 Excavation**  
**Boeing Plant 2**

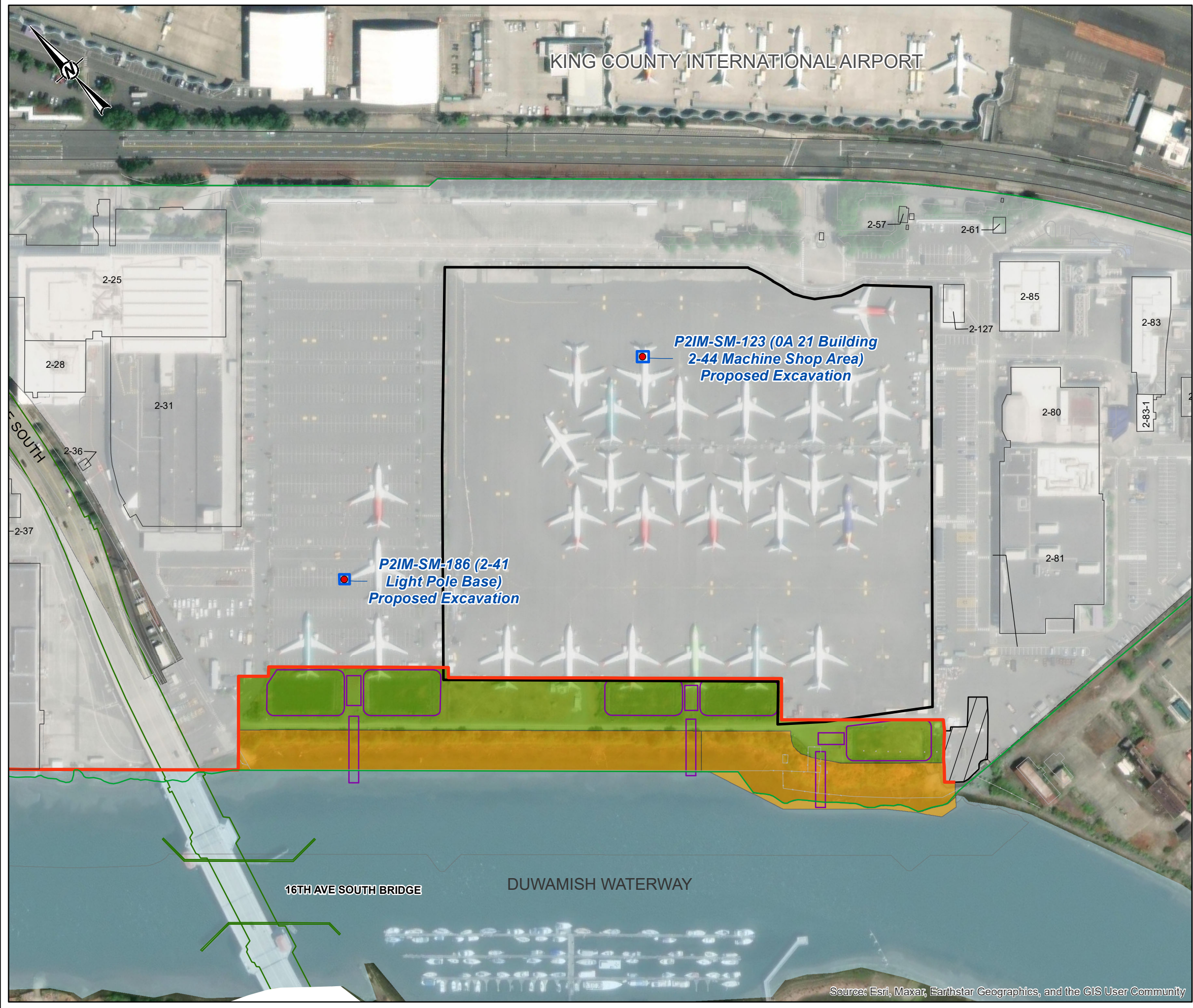
Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	FMCL Paved Industrial Area	Exceeds FMCL
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8082	Total PCB	0.032	U	mg/kg	FALSE	10	NO
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	6.8	J	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	20	U	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Total PCB	0.033	U	mg/kg	FALSE	10	NO
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	5.1	U	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	10	U	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Total PCB	0.033	U	mg/kg	FALSE	10	NO
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	14	J	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	46	U	mg/kg	FALSE	17000	NO
P2IM-SM-123	P2IM-SM-123-11-S-C	2/22/2012	11	11	ft	EPA 8082	Total PCB	6.8	U	mg/kg	FALSE	10	NO
P2IM-SM-123	P2IM-SM-123-11-S-C	2/22/2012	11	11	ft	NWTPH-DxMod-Cleaned	TPH - Diesel Range	9300	UJ	mg/kg	FALSE	17000	NO
P2IM-SM-123	P2IM-SM-123-11-S-C	2/22/2012	11	11	ft	NWTPH-DxMod-Cleaned	TPH - Motor Oil Range	61000	J	mg/kg	FALSE	17000	YES
P2IM-SM-124.02	P2IM-SM-124.02-10-S-C	8/21/2012	10	10	ft	EPA 8082A	Total PCB	0.032	U	mg/kg	FALSE	10	NO
P2IM-SM-124.02	P2IM-SM-124.02-10-S-C	8/21/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Bunker C	200	U	mg/kg	FALSE	17000	NO
P2IM-SM-124.02	P2IM-SM-124.02-10-S-C	8/21/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	27	U	mg/kg	FALSE	17000	NO
P2IM-SM-124.02	P2IM-SM-124.02-10-S-C	8/21/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	52	U	mg/kg	FALSE	17000	NO
P2IM-SM-124.03	P2IM-SM-124.03-05-S-C	8/21/2012	5	5	ft	EPA 8082A	Total PCB	0.03	U	mg/kg	FALSE	10	NO
P2IM-SM-124.03	P2IM-SM-124.03-05-S-C	8/21/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Bunker C	12	J+	mg/kg	FALSE	17000	NO
P2IM-SM-124.03	P2IM-SM-124.03-05-S-C	8/21/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	5.2	UJ	mg/kg	FALSE	17000	NO
P2IM-SM-124.03	P2IM-SM-124.03-05-S-C	8/21/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	10	UJ	mg/kg	FALSE	17000	NO
P2IM-SM-124.05a	P2IM-SM-124.05a-11-S-C	8/30/2012	11	11	ft	EPA 8082A	Total PCB	0.026	J	mg/kg	FALSE	10	NO
P2IM-SM-124.05b	P2IM-SM-124.05b-10-S-C	8/30/2012	10	10	ft	EPA 8082A	Total PCB	0.026	U	mg/kg	FALSE	10	NO
P2IM-SM-124.05c	P2IM-SM-124.05c-05-S-C	8/30/2012	5	5	ft	EPA 8082A	Total PCB	0.021	U	mg/kg	FALSE	10	NO
P2IM-SM-124.05d	P2IM-SM-124.05d-10-S-C	8/30/2012	10	10	ft	EPA 8082A	Total PCB	0.028	U	mg/kg	FALSE	10	NO
P2IM-SM-124.05e	P2IM-SM-124.05e-05-S-C	8/30/2012	5	5	ft	EPA 8082A	Total PCB	0.021	U	mg/kg	FALSE	10	NO
P2IM-SM-124.05f	P2IM-SM-124.05f-10-S-C	8/30/2012	10	10	ft	EPA 8082A	Total PCB	0.029	U	mg/kg	FALSE	10	NO
P2IM-SM-124.05g	P2IM-SM-124.05g-05-S-C	8/30/2012	5	5	ft	EPA 8082A	Total PCB	0.021	U	mg/kg	FALSE	10	NO
P2IM-SM-124.06	P2IM-SM-124.06-10-S-C	8/21/2012	10	10	ft	EPA 8082A	Total PCB	0.032	U	mg/kg	FALSE	10	NO
P2IM-SM-124.06	P2IM-SM-124.06-10-S-C	8/21/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Bunker C	270	U	mg/kg	FALSE	17000	NO
P2IM-SM-124.06	P2IM-SM-124.06-10-S-C	8/21/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	52	U	mg/kg	FALSE	17000	NO
P2IM-SM-124.06	P2IM-SM-124.06-10-S-C	8/21/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	49	U	mg/kg	FALSE	17000	NO
P2IM-SM-124.07	P2IM-SM-124.07-05-S-C	8/21/2012	5	5	ft	EPA 8082A	Total PCB	0.032	U	mg/kg	FALSE	10	NO
P2IM-SM-124.07	P2IM-SM-124.07-05-S-C	8/21/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Bunker C	18	J+	mg/kg	FALSE	17000	NO
P2IM-SM-124.07	P2IM-SM-124.07-05-S-C	8/21/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	5.2	UJ	mg/kg	FALSE	17000	NO
P2IM-SM-124.07	P2IM-SM-124.07-05-S-C	8/21/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	10	UJ	mg/kg	FALSE	17000	NO
P2IM-SM-127	P2IM-SM-127-06-S-C	2/22/2012	6	6	ft	EPA 8082	Total PCB	0.0093	U	mg/kg	FALSE	10	NO
P2IM-SM-127	P2IM-SM-127-06-S-C	2/22/2012	6	6	ft	NWTPH-DxMod-Cleaned	TPH - Diesel Range	9.7	U	mg/kg	FALSE	17000	NO
P2IM-SM-127	P2IM-SM-127-06-S-C	2/22/2012	6	6	ft	NWTPH-DxMod-Cleaned	TPH - Motor Oil Range	42	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.01	P2IM-SM-128.01-11-S-C	8/22/2012	11	11	ft	EPA 8082A	Total PCB	0.035	U	mg/kg	FALSE	10	NO
P2IM-SM-128.01	P2IM-SM-128.01-11-S-C	8/22/2012	11	11	ft	NWTPH-Dx-Cleaned	TPH - Bunker C	15	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.01	P2IM-SM-128.01-11-S-C	8/22/2012	11	11	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	6.9	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.01	P2IM-SM-128.01-11-S-C	8/22/2012	11	11	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	14	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.03a	P2IM-SM-128.03a-11-S-C	8/30/2012	11	11	ft	EPA 8082A	Total PCB	0.029	J	mg/kg	FALSE	10	NO
P2IM-SM-128.03b	P2IM-SM-128.03b-10-S-C	8/30/2012	10	10	ft	EPA 8082A	Total PCB	0.028	U	mg/kg	FALSE	10	NO
P2IM-SM-128.03c	P2IM-SM-128.03c-05-S-C	8/30/2012	5	5	ft	EPA 8082A	Total PCB	0.021	U	mg/kg	FALSE	10	NO
P2IM-SM-128.03d	P2IM-SM-128.03d-10-S-C	8/30/2012	10	10	ft	EPA 8082A	Total PCB	0.031	U	mg/kg	FALSE	10	NO
P2IM-SM-128.03e	P2IM-SM-128.03e-05-S-C	8/30/2012	5	5	ft	EPA 8082A	Total PCB	0.022	U	mg/kg	FALSE	10	NO
P2IM-SM-128.04	P2IM-SM-128.04-10-S-C	8/22/2012	10	10	ft	EPA 8082A	Total PCB	0.032	U	mg/kg	FALSE	10	NO
P2IM-SM-128.04	P2IM-SM-128.04-10-S-C	8/22/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Bunker C	73	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.04	P2IM-SM-128.04-10-S-C	8/22/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	14	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.04	P2IM-SM-128.04-10-S-C	8/22/2012	10	10	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	14	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.05	P2IM-SM-128.05-05-S-C	8/22/2012	5	5	ft	EPA 8082A	Total PCB	0.033	U	mg/kg	FALSE	10	NO
P2IM-SM-128.05	P2IM-SM-128.05-05-S-C	8/22/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Bunker C	11	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.05	P2IM-SM-128.05-05-S-C	8/22/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	5.3	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.05	P2IM-SM-128.05-05-S-C	8/22/2012	5	5	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	11	U	mg/kg	FALSE	17000	NO
P2IM-SM-128.07a	P2IM-SM-128.07a-11-S-C	8/30/2012	11	11	ft	EPA 8082A	Total PCB	0.026	U	mg/kg	FALSE	10	NO
P2IM-SM-128.07b	P2IM-SM-128.07b-10-S-C	8/30/2012	10	10	ft	EPA 8082A	Total PCB	0.026	U	mg/kg	FALSE	10	NO
P2IM-SM-128.07c	P2IM-SM-128.07c-05-S-C	8/30/2012	5	5	ft	EPA 8082A	Total PCB	0.89	J	mg/kg	FALSE	10	NO
P2IM-SM-128.07d1	P2IM-SM-128.07d1-11-S-C	9/5/2012	11	11	ft	EPA 8082A	Total PCB	0.028	U	mg/kg	FALSE	10	NO
P2IM-SM-128.07d3a	P2IM-SM-128.07d3a-10-S-C	9/13/2012	10	10	ft	EPA 8082A	Total PCB	0.031	UJ	mg/kg	FALSE	10	NO
P2IM-SM-128.07d3b	P2IM-SM-128.07d3b-05-S-C	9/13/2012	5	5	ft	EPA 8082A	Total PCB	0.696	J	mg/kg	FALSE	10	NO
P2IM-SM-128.07d4	P2IM-SM-128.07d4-10-S-C	9/5/2012	10	10	ft	EPA 8082A	Total PCB	0.026	U	mg/kg	FALSE	10	NO
P2IM-SM-128.07d5	P2IM-SM-128.07d5-05-S-C	9/5/2012	5	5	ft	EPA 8082A	Total PCB	0.43	U	mg/kg	FALSE	10	NO
P2IM-SM-128.07d7a	P2IM-SM-128.07d7a-10-S-C	9/13/2012	10	10	ft	EPA 8082A	Total PCB	0.032	UJ	mg/kg	FALSE	10	NO
P2IM-SM-128.07d7b	P2IM-SM-128.07d7b-05-S-C	9/13/2012	5	5	ft	EPA 8082A	Total PCB	3.91	J	mg/kg	FALSE	10	NO
P2IM-SM-129	P2IM-SM-129-7.5-S-S	2/22/2012	7.5	7.5	ft	EPA 8082	Total PCB	0.027	U	mg/kg	FALSE	10	NO
SB-04421	SB-04421-0010	7/27/1995	1	1	ft	EPA 418.1	TPH	11	U	mg/kg	FALSE	17000	NO
SB-04421	SB-04421-0010	7/27/1995	1	1	ft	EPA 8081	Total PCB	0.035	U	mg/kg	FALSE	10	NO
SB-04421	SB-04421-0055	7/27/1995	5.5	5.5	ft	EPA 418.1	TPH	30	U	mg/kg	FALSE	17000	NO
SB-04421	SB-04421-0055	7/27/1995	5.5	5.5	ft	EPA 8081	Total PCB	0.045	U	mg/kg	FALSE	10	NO
SB-04421	SB-04421-0090	7/27/1995	9	9	ft	EPA 418.1	TPH	85	U	mg/kg	FALSE	17000	NO
SB-04421	SB-04421-0090	7/27/1995	9	9	ft	EPA 8081	Total PCB	0.053	U	mg/kg	FALSE	10	NO
SB-04423	SB-04423-0010	7/27/1995	1	1	ft	EPA 418.1	TPH	11	U	mg/kg	FALSE	17000	NO
SB-04423	SB-04423-0010	7/27/1995	1	1	ft	EPA 8081	Total PCB	0.037	U	mg/kg	FALSE	10	NO
SB-04423	SB-04423-0050	7/27/1995	5	5	ft	EPA 418.1	TPH	12	U	mg/kg	FALSE	17000	NO
SB-04423	SB-04423-0050	7/27/1995	5	5	ft	EPA 8081	Total PCB	0.039	U	mg/kg	FALSE	10	NO
SB-04423	SB-04423-0095	7/27/1995	9.5	9.5	ft	EPA 418.1	TPH	13	U	mg/kg	FALSE	17000	NO
SB-04423	SB-04423-0095	7/27/1995	9.5	9.5	ft	EPA 8081	Total PCB	0.045	U	mg/kg	FALSE	10	NO
SB-04424	SB-04424-0010	7/27/1995	1	1	ft	EPA 418.1	TPH	32	U	mg/kg	FALSE	17000	NO
SB-04424	SB-04424-0010	7/27/1995	1	1	ft	EPA 8081	Total PCB	0.035	U	mg/kg	FALSE	10	NO
SB-04424	SB-04424-0050	7/27/1995	5	5	ft	EPA 418.1	TPH	10	U	mg/kg	FALSE	17000	NO
SB-04424	SB-04424-0050	7/27/1995	5	5	ft	EPA 8081	Total PCB	0.035	U	mg/kg	FALSE	10	NO
SB-04424	SB-04424-0085	7/27/1995	8.5	8.5	ft	EPA 418.1	TPH	15	U	mg/kg	FALSE	17000	NO
SB-04424	SB-04424-0085	7/27/1995	8.5	8.5	ft	EPA 8081	Total PCB	0.041	U	mg/kg	FALSE	10	NO
SB-04426	SB-04426-0060	4/20/1995	6	6	ft	EPA 8081	Total PCB	2.8	D	mg/kg	FALSE	10	NO

Notes:  
 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.  
 J+ - The result is an estimated quantity, but the result may be biased high.  
 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.  
 TPH - Total Petroleum Hydrocarbons  
 Total PCBs - Total Poly-Chlorinated Bipynels reported as total Aroclors  
 TPH reported by EPA Method 418.1

## Figures



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**LEGEND**

**Cleanup Levels**

- Detected Above Industrial FMCL
- Paved Industrial/Unpaved Shoreline Separation Line
- Building
- Property Line
- Sheetpile
- Proposed Soil Excavation Area
- Production Area

**Risk Management Area**

- Unpaved Shoreline Area
- Paved Industrial Area
- Habitat Project Area

**NOTE(S)**

1. PROPOSED FMCLS FOR THE PAVED INDUSTRIAL AREAS AND THE UNPAVED SHORELINE AREAS ARE DIFFERENT (SEE CMS REPORT SECTION 2).
2. SEVERAL INTERIM MEASURES AND NATURAL DEGRADATION PROCESSES ARE ONGOING; FINAL REMEDIAL ACTION DESIGNS WILL BE PROPOSED BASED ON THE CURRENT DATA AVAILABLE AT THE TIME OF THE CMI WORK PLAN (SEE SECTION 6 FOR DETAILS).

**REFERENCE(S)**

1. BOEING PLANT 2 SEATTLE/TUKWILA, WASHINGTON VOLUME X: CORRECTIVE MEASURES STUDY REPORT (GOLDER 2017)
2. COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET

**CLIENT**

BOEING

**PROJECT**

BOEING PLANT 2 CORRECTIVE MEASURES IMPLEMENTATION

**TITLE**

**BOEING PLANT 2 REMEDIATION AREA (RA) 8 PROPOSED P2IM-SM-123 AND P2IM-SM-186 SOIL EXCAVATION AREAS**

**CONSULTANT**



YYYY-MM-DD	2024-03-14
DESIGNED	MK
PREPARED	MK
REVIEWED	DC
APPROVED	DC

PROJECT NO. 31404081.001

CONTROL 200-01

REV. A

FIGURE 1

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

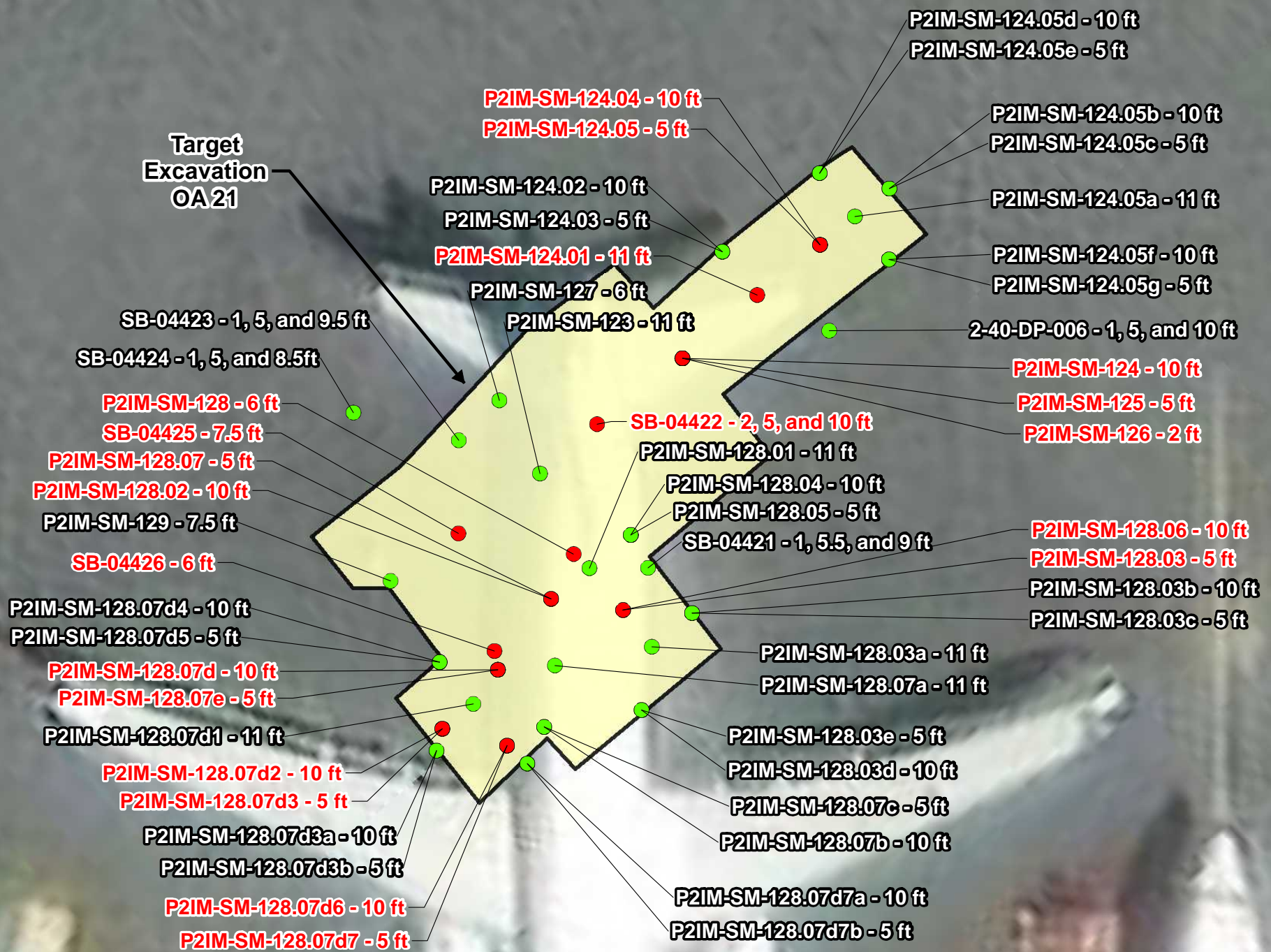
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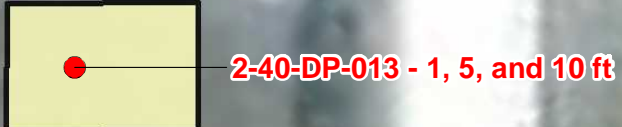
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Target Excavation OA 21



Target Excavation SPL-044-029



LEGEND

- Sample Locations Representative of Soil Remaining in Place
- Sample Locations Representative of Removed
- ▭ 2010 - 2012 Demo/Redevelopment Target Excavation OA 21 (P2IM-SM-123 Area)

**P2IM-SM-124.02 - 10 ft** : -10 ft is the depth of sample below ground surface



NOTE(S)

- SAMPLE LOCATIONS LABELED IN RED ARE REPRESENTATIVE OF REMOVED SOIL

REFERENCE(S)

- BOEING PLANT 2 SEATTLE/TUKWILA, WASHINGTON VOLUME X: CORRECTIVE MEASURES STUDY REPORT (GOLDER 2017)
- COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
- MAP SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

CLIENT

BOEING

PROJECT

BOEING PLANT 2 CORRECTIVE MEASURES IMPLEMENTATION

TITLE

REMEDIATION AREA (RA) 8 EXCAVATION AREA P2IM-SM-123, HISTORICAL EXCAVATION AND SAMPLING (2012) TARGET EXCAVATION OA 21)

CONSULTANT



YYYY-MM-DD	2024-02-26
DESIGNED	MK
PREPARED	MK
REVIEWED	DC
APPROVED	TN

PROJECT NO. 31404081.002

CONTROL 200-02

REV. A

FIGURE 2

1in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



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Target  
Excavation  
OA 21

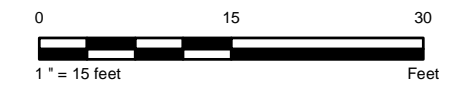
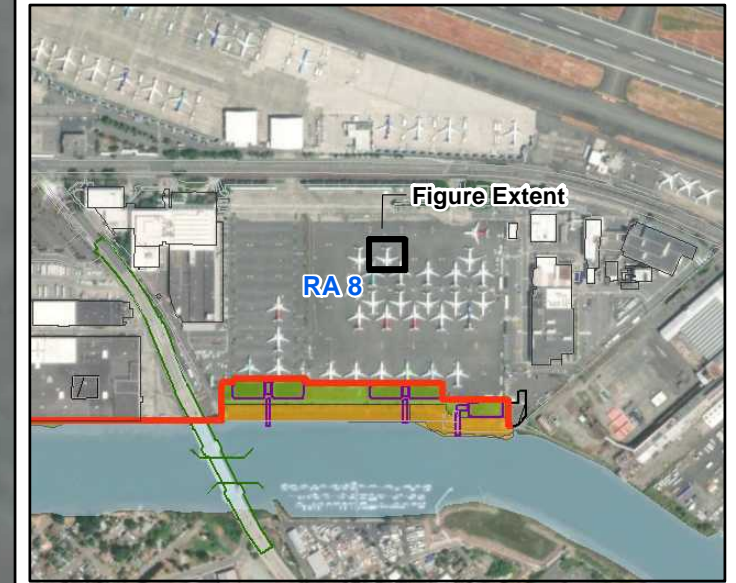


Target  
Excavation  
SPL-044-029

LEGEND

- Sample Locations Representative of Soil Remaining in Place - Exceeds FMCL
- Sample Locations Representative of Soil Remaining in Place - Did Not Exceed FMCL
- 2010 - 2012 Demo/Redevelopment Target Excavation OA 21 (P2IM-SM-123 Area)

**P2IM-SM-124.02 - 10 ft** : -10 ft is the depth of sample below ground surface



- REFERENCE(S)
1. BOEING PLANT 2 SEATTLE/TUKWILA, WASHINGTON VOLUME X: CORRECTIVE MEASURES STUDY REPORT (GOLDER 2017)
  2. COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
  3. MAP SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

CLIENT  
BOEING

PROJECT  
BOEING PLANT 2 CORRECTIVE MEASURES IMPLEMENTATION

TITLE  
REMEDIATION AREA (RA) 8 EXCAVATION AREA P2IM-SM-123,  
IN-PLACE SOIL SAMPLE LOCATIONS

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	DESIGNED	MK
	PREPARED	MK
	REVIEWED	DC
	APPROVED	TN

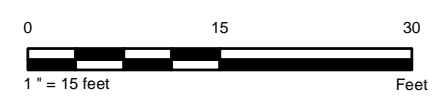
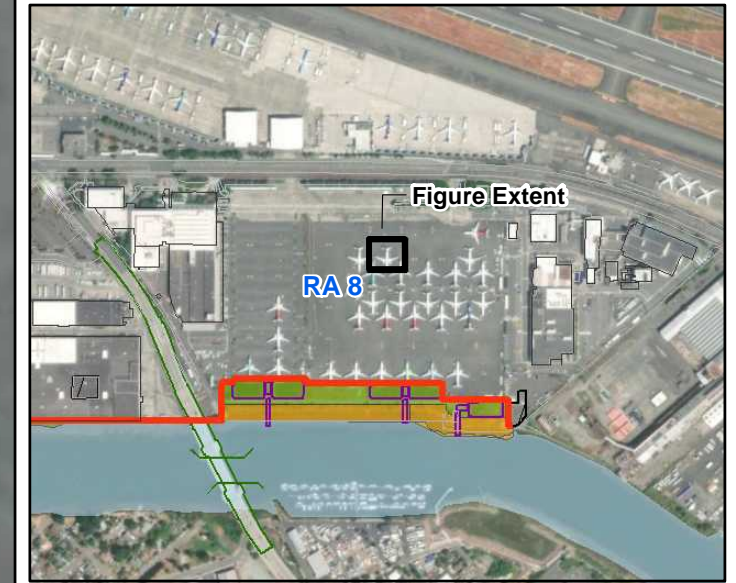
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- LEGEND**
- Sample Locations Representative of Soil Remaining in Place - Exceeds FMCL
  - Sample Locations Representative of Groundwater
  - 2010 - 2012 Demo/Redevelopment Target Excavation OA 21 (P2IM-SM-123 Area)
- 2-40-DP-006 - 18 ft**: -18 ft is the bottom of the 4-foot screened interval below ground surface
- P2IM-SM-123 - 11 ft**: -11 ft is the depth of sample below ground surface



- REFERENCE(S)**
1. BOEING PLANT 2 SEATTLE/TUKWILA, WASHINGTON VOLUME X: CORRECTIVE MEASURES STUDY REPORT (GOLDER 2017)
  2. COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
  3. MAP SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

**CLIENT**  
BOEING

**PROJECT**  
BOEING PLANT 2 CORRECTIVE MEASURES IMPLEMENTATION

**TITLE**  
REMEDIATION AREA (RA) 8 EXCAVATION AREA P2IM-SM-123, GROUNDWATER SAMPLE LOCATIONS

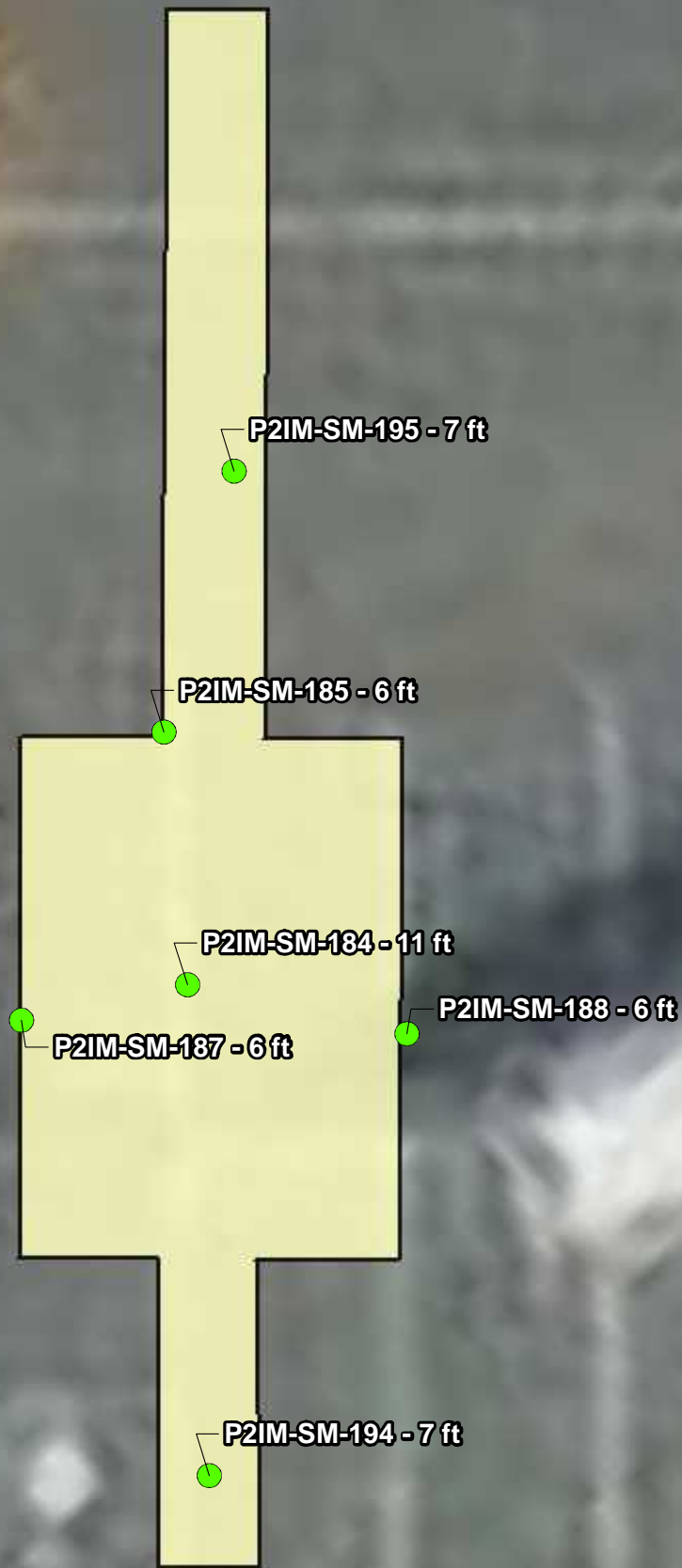
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	DESIGNED	MK
	PREPARED	MK
	REVIEWED	DC
	APPROVED	TN

1in IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



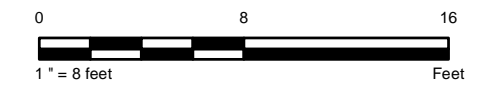


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**LEGEND**

- Soil Sample Locations Representative of Soil Remaining In Place, Did Not Exceed FMCL
  - 2-14 Light Pole Base Excavation
- P2IM-SM-184 - 11 ft** : 11 ft is the depth of sample below ground surface



**REFERENCE(S)**

1. BOEING PLANT 2 SEATTLE/TUKWILA, WASHINGTON VOLUME X: CORRECTIVE MEASURES STUDY REPORT (GOLDER 2017)
2. COORDINATE SYSTEM: NAD 1983 STATEPLANE WASHINGTON NORTH FIPS 4601 FEET
3. MAP SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

**CLIENT**  
BOEING

**PROJECT**  
BOEING PLANT 2 CORRECTIVE MEASURES IMPLEMENTATION

**TITLE**  
**REMEDIATION AREA (RA) 8 EXCAVATION AREA P2IM-SM-186, IN-PLACE SOIL SAMPLE LOCATIONS (2012 TARGET EXCAVATION 2-41 LIGHT POLE BASE)**

CONSULTANT	YYYY-MM-DD	2024-02-26
	DESIGNED	MK
	PREPARED	MK
	REVIEWED	DC
	APPROVED	TN

1 in. IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSI B



**APPENDIX A**

**OA 21 Building 2-44 Machine Shop  
Area**

**Excerpt From Interim Measure  
Completion Report  
2010 - 2012 Soil and Stormwater  
Management Plan, Demolition and  
Redevelopment Activities, 2-40s,  
2-31 and 2-60s/2-66 Areas**

## **OA 21 Building 2-44 Machine Shop Area - Excerpt from 2010 – 2012 Soil and Stormwater Management Plan, Demolition and Redevelopment Activities 2-40s, 2-31 and 2-60s/2-66 Areas (Golder 2013)**

### **3.4.2 OA 21 Building 2-44 Machine Shop Area**

OA 21 is located in the Industrial Area and consisted of a machine shop area and the surrounding soil in the north-central portion of Building 2-44 (Figures 4 and 5). Staining and odor were discovered in the soil when a historical excavation was conducted to support the installation of new machining equipment. Subsurface soil samples were subsequently collected, and PCBs and oil-range petroleum hydrocarbons were detected in the soil at four locations in concentrations reported in the RCRA Facility Investigation (RFI) as requiring further consideration.

Approximately 120 cubic yards of impacted soil were historically removed in the eastern portion of OA 21 (the area where PCB and TPH concentrations were the highest) and disposed of in accordance with applicable regulations. Subsequent soil sampling during the RFI was focused near the eastern end of OA 21 to characterize the soil that remained after the historical excavation was completed. It was concluded during the RFI that the impacted soil was limited to an area extending 10 feet east of the machine pit to a depth of approximately 10 feet bgs (Weston 2000).

#### Historical Sampling

Nine historical borings were located within a 25-foot radius of OA 21 (Figure 4, Golder 2011c). Soil samples were collected in seven of the borings and groundwater samples were collected in three of the borings.

Three soil samples were collected in boring 2-40-DP-013 at depths of 1, 5, and 10 feet bgs, and analyzed for VOCs, SVOCs, PCBs, inorganics, and TPH; three soil samples were collected in each of borings SB-04421, SB-04422, SB-04423, and SB-04424 at approximate depths of 1, 5, and 10 feet bgs, and analyzed for PCBs and TPH; and one soil sample was collected in each of borings SB-04425 and SB-04426 at depths of 7.5 and 6 feet bgs respectively, and analyzed for PCBs. The analytical results for the soil samples from the seven borings indicated that PCBs were detected in concentrations greater than the Industrial Area 2011 evaluation criteria in two of the borings and that TPH was also detected in a concentration greater than the Industrial Area criteria in one of those two borings. PCBs were detected in SB-04422 at depths of 5 feet and 10 feet bgs in concentrations of 85,000 µg/kg and 15,000 µg/kg respectively, and in SB-04425 at a depth of 7.5 feet in a concentration of 90,000 µg/kg, greater than the Industrial Area criteria of 10,000 µg/kg for PCBs. TPH was also detected in SB-04422 at a depth of 10 feet bgs in a concentration of 3,100 mg/kg, greater than the Industrial Area 2011 Evaluation criteria of 2,000 mg/kg for TPH. Analytical results for the soil exceedances were provided in Table 3 of Golder 2011c, and analytical results for all historical and recent IM soil samples are provided in Table 6 of Appendix A in this report.

Groundwater samples were collected in borings 2-40-DP-013 (14 to 18 feet bgs), GP-04404 (25 feet bgs) and GP-04405 (17 and 25 feet bgs). The sample from 2-40-DP-013 was analyzed for VOCs, SVOCs, PCBs, inorganics, and TPH, while the samples from GP-04404 and GP-04405 were analyzed for PCBs and TPH. The analytical results for the groundwater samples indicated that PCBs, iron, and bis(2-ethylhexyl) phthalate were detected in 2-40-DP-013 in concentrations greater than the TMCLs. The analytical results for groundwater TMCL exceedances were included in Table 4 of Golder 2011c, and analytical results for all COC detections in groundwater samples were provided in Table 8 (Golder 2011c, Appendix A).

### Excavation and Monitoring

During the demolition and removal of the concrete slabs, utilities, and machine pit at OA 21, additional soil excavation was conducted to remove the PCB- and TPH-impacted soil indicated by the analytical results above TSCA and Industrial Area 2011 evaluation criteria. The soil excavation extended to the depth of the water table (11 feet bgs) in the vicinity of SB-04422 and SB-04425 and was initially 30 feet long by 10 feet wide. The excavated native soil was managed as TSCA waste due to the PCB concentrations of >50,000 µg/kg detected in historical borings SB-04422 and SB-04425. Supplemental and confirmation sampling indicated additional impacted soil with PCB concentrations >1,000 µg/kg (the TSCA limit) around the edges of the excavation, so the excavation was ultimately expanded to approximately 80 feet long by 12 to 40 feet wide by 11 feet bgs, with a volume of approximately 600 cubic yards. The excavated soil was properly managed for characterization and disposal. During the demolition and removal of the concrete slabs, utilities and machine pit, the concrete was managed for appropriate characterization and handling. During the excavation, the exposed soil was visually observed for signs of staining. Groundwater was encountered in the bottom of the excavation, but no sheens were observed, and no groundwater was removed.

### Supplemental Sampling

Soil sampling was conducted to supplement existing data where the excavation occurred at and resulted in the removal of soil where previous RCRA samples had been collected. As such, four samples were initially collected from the excavation sidewall nearest the original locations of SB-04422 (2, 5, and 10 feet bgs) and SB-04425 (7.5 feet bgs). The supplemental samples near SB-04422 included P2IM-SM-124 (10 feet bgs), P2IM-SM-125 (5 feet bgs), and P2IM-SM-126 (2 feet bgs), and the samples were analyzed for PCBs and TPH. The sample near SB-04425 (P2IM-SM-129, 7.5 feet bgs) was analyzed for PCBs. The analytical results for the sampling indicated that TPH-Motor Oil Range was detected in P2IM-SM-124 in a concentration of 45,000 mg/kg, greater than the Industrial Area criteria of 2,000 mg/kg for that COC, and that PCBs were detected in a concentration of 6,500 µg/kg, greater than the TSCA limit of 1,000 µg/kg for PCBs. As a result, the excavation was expanded to the southeast and additional confirmation sampling conducted.

### Confirmation Sampling

Three confirmation samples were initially collected in the excavation to determine whether the impacted soil had been removed. One sample, P2IM-SM-123 was collected in the bottom of the excavation at a depth of 11 feet bgs, and two samples, P2IM-SM-127 and P2IM-SM-128 were collected from opposite sidewalls at a depth of approximately 5 feet bgs. The samples were analyzed for PCBs and TPH. TPH-Motor Oil Range was detected in P2IM-SM-123 in a concentration of 61,000 mg/kg, greater than the Industrial Area criteria of 2,000 mg/kg for that COC, and PCBs were detected in a concentration of 6,800 µg/kg, greater than the TSCA limit of 1,000 µg/kg, for PCBs, but no deeper excavation was performed at that location since the sample was collected at 11 feet bgs, the bottom of the vadose zone. No COCs were detected in concentrations above the Industrial Area 2011 evaluation criteria or the TSCA limits in P2IM-SM-127. PCBs were detected in P2IM-SM-128 in a concentration of 2,100 µg/kg, greater than the TSCA limit of 1,000 µg/kg for PCBs. The excavation was therefore expanded to the northwest and west as a result of the PCB level in the soil at the location of P2IM-SM-128.

As a result of the exceedances indicated for samples P2IM-SM-124 and P2IM-SM-128, the excavation was expanded from an initial size of 30 feet long by 10 feet wide by 11 feet deep, to a final size of approximately 80 feet long by 12 to 40 feet wide by 11 feet deep. Fourteen additional confirmation samples were collected while expanding the excavation to the southeast from the location of P2IM-SM-124, and 28 additional confirmation

samples were collected while expanding the excavation to the northwest and west from the location of P2IM-SM-128. The expansion of the excavation to the southeast from P2IM-SM-124 was completed when the confirmation sampling indicated no detection of TPH above the Industrial Area 2011 evaluation criteria and no detection of PCBs.

The expansion of the excavation to the northwest and west from P2IM-SM-128 encountered new backfill materials in which PCB concentrations were unrelated to the original spill responsible for those PCB concentrations detected in the native soil at SB-04422, SB-04425, and P2IM-SM-128. As such, the new backfill material's PCB concentrations were managed under RCRA criteria (Industrial Area criteria, <10,000 µg/kg) rather than TSCA criteria (<1,000 µg/kg). The expansion of the excavation to the northwest and west was completed when the analytical results for confirmation sampling of the native soil indicated PCB concentrations below the TSCA limit of 1,000 µg/kg, and when the analytical results for new backfill materials around the perimeter of the expansion indicated PCB concentrations below the Industrial Area criteria of 10,000 µg/kg.

**APPENDIX B**

**Complete Soil and Groundwater  
Data Set**

Table B1: Complete Soil Analytical Results  
RA 8 P2IM-SM-123 Excavation  
Boeing Plant 2

Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	Paved Industrial Area	Exceeds FMCL
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 335.2	Cyanide	0.05	U	mg/kg	FALSE	12	NO
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Aluminum	12200		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Antimony	5	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Arsenic	5	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Barium	40.8		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Beryllium	0.1		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Cadmium	0.2	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Calcium	5070		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Chromium	14.9		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Cobalt	5.5		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Copper	14.9		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Iron	15000		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Lead	5		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Magnesium	3410		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Manganese	168		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Molybdenum	0.5	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Nickel	12		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Selenium	5	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Silver	0.3	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Tin	1	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Vanadium	46.2		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 6010B	Zinc	36		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 7471A	Mercury	0.05	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 7841	Thallium	0.1	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1016	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1221	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1232	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1242	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1248	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1254	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1260	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1262	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Aroclor 1268	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8082	Total PCB	0.032	U	mg/kg	FALSE	10	NO
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,1,1,2-Tetrachloroethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,1,1-Trichloroethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,1,2,2-Tetrachloroethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,1,2-Trichloroethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,1,2-Trichlorotrifluoroethane	0.0019	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,1-Dichloroethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,1-Dichloroethene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,1-Dichloropropene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,2,3-Trichlorobenzene	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,2,3-Trichloropropane	0.0019	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,2,4-Trichlorobenzene	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,2,4-Trimethylbenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,2-Dibromo-3-chloropropane	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,2-Dichlorobenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,2-Dichloroethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,2-Dichloropropane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,3,5-Trimethylbenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,3-Dichlorobenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,3-Dichloropropane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	1,4-Dichlorobenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	2,2-Dichloropropane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	2-Butanone	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	2-Chloroethylvinylether	0.0047	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	2-Chlorotoluene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	2-Hexanone	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	4-Chlorotoluene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	4-Isopropyltoluene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Acetone	0.046		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Acrolein	0.047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Acrylonitrile	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Benzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Bromobenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Bromochloromethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Bromodichloromethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Bromoethane	0.0019	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Bromoform	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Bromomethane	0.0009	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Carbon Disulfide	0.0019	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Carbon Tetrachloride	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Chlorobenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Chloroethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Chloroform	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Chloromethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	cis-1,2-Dichloroethene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	cis-1,3-Dichloropropene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Dibromochloromethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Dibromomethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Ethylbenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Ethylene Dibromide	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Hexachlorobutadiene	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Isopropylbenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	m,p-Xylene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Methyl Iodide	0.0009	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Methyl isobutyl ketone	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Methylene Chloride	0.0019	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	Naphthalene	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	n-Butylbenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	n-Propylbenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1 ft	ft	EPA 8260B	o-Xylene	0.0009	U	mg/kg	FALSE		

**Table B1: Complete Soil Analytical Results  
RA 8 P2IM-SM-123 Excavation  
Boeing Plant 2**

Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	Paved Industrial Area	Exceeds FMCL
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	sec-Butylbenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	Styrene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	tert-Butylbenzene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	Tetrachloroethene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	Toluene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	trans-1,2-Dichloroethene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	trans-1,3-Dichloropropene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	trans-1,4-Dichloro-2-butene	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	Trichloroethene	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	Trichlorofluoromethane	0.0009	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	Vinyl Acetate	0.0047	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	EPA 8260B	Vinyl Chloride	0.0009	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	6.8	J	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	20		mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-01-S-0	16-Jun-08	0	1	ft	NWTPH-Gx	TPH - Gasoline Range	5.4	U	mg/kg	FALSE	7500	NO
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 335.2	Cyanide	0.048	U	mg/kg	FALSE	12	NO
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Aluminum	8650		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Antimony	5	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Arsenic	5	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Barium	30.1		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Beryllium	0.1	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Cadmium	0.2	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Calcium	3930		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Chromium	10.5		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Cobalt	4.3		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Copper	10.3		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Iron	11500		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Lead	2	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Magnesium	2400		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Manganese	116		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Molybdenum	0.5	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Nickel	8		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Selenium	5	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Silver	0.3	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Tin	1	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Vanadium	37.6		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 6010B	Zinc	24		mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 7471A	Mercury	0.04	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 7841	Thallium	0.1	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1016	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1221	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1232	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1242	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1248	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1254	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1260	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1262	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Aroclor 1268	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8082	Total PCB	0.033	U	mg/kg	FALSE	10	NO
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,1,1,2-Tetrachloroethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,1,1-Trichloroethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,1,2,2-Tetrachloroethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,1,2-Trichloroethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,1,2-Trichlorotrifluoroethane	0.0023	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,1-Dichloroethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,1-Dichloroethene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,1-Dichloropropene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,2,3-Trichlorobenzene	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,2,3-Trichloropropane	0.0023	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,2,4-Trichlorobenzene	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,2,4-Trimethylbenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,2-Dibromo-3-chloropropane	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,2-Dichlorobenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,2-Dichloroethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,2-Dichloropropane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,3,5-Trimethylbenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,3-Dichlorobenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,3-Dichloropropane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	1,4-Dichlorobenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	2,2-Dichloropropane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	2-Butanone	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	2-Chloroethylvinylether	0.0058	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	2-Chlorotoluene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	2-Hexanone	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	4-Chlorotoluene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	4-Isopropyltoluene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Acetone	0.018	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Acrolein	0.058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Acrylonitrile	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Benzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Bromobenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Bromochloromethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Bromodichloromethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Bromoethane	0.0023	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Bromoform	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Bromomethane	0.0012	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Carbon Disulfide	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Carbon Tetrachloride	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Chlorobenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Chloroethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Chloroform	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Chloromethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	cis-1,2-Dichloroethene	0.0012	U	mg/kg	FALSE		

**Table B1: Complete Soil Analytical Results  
RA 8 P2IM-SM-123 Excavation  
Boeing Plant 2**

Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	Paved Industrial Area	Exceeds FMCL
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	cis-1,3-Dichloropropene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Dibromochloromethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Dibromomethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Ethylbenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Ethylene Dibromide	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Hexachlorobutadiene	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Isopropylbenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	m,p-Xylene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Methyl Iodide	0.0012	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Methyl isobutyl ketone	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Methylene Chloride	0.0023	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Naphthalene	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	n-Butylbenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	n-Propylbenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	o-Xylene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	sec-Butylbenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Styrene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	tert-Butylbenzene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Tetrachloroethene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Toluene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	trans-1,2-Dichloroethene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	trans-1,3-Dichloropropene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	trans-1,4-Dichloro-2-butene	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Trichloroethene	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Trichlorofluoromethane	0.0012	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Vinyl Acetate	0.0058	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	EPA 8260B	Vinyl Chloride	0.0012	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	5.1	U	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	10	U	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-04-S-0	16-Jun-08	4	5	ft	NWTPH-Gx	TPH - Gasoline Range	6	U	mg/kg	FALSE	7500	NO
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 335.2	Cyanide	0.212	U	mg/kg	FALSE	12	NO
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Aluminum	15100	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Antimony	7	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Arsenic	7	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Barium	59.2	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Beryllium	0.2	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Cadmium	0.3	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Calcium	4710	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Chromium	16.3	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Cobalt	6.5	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Copper	23	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Iron	17400	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Lead	7	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Magnesium	3450	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Manganese	229	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Molybdenum	0.7	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Nickel	11	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Selenium	7	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Silver	0.4	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Tin	1	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Vanadium	50.4	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 6010B	Zinc	33	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 7471A	Mercury	0.07	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 7841	Thallium	0.1	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1016	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1221	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1232	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1242	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1248	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1254	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1260	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1262	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Aroclor 1268	0.033	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8082	Total PCB	0.033	U	mg/kg	FALSE	10	NO
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,1,1,2-Tetrachloroethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,1,1-Trichloroethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,1,2,2-Tetrachloroethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,1,2-Trichloroethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,1,2-Trichlorotrifluoroethane	0.0029	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,1-Dichloroethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,1-Dichloroethene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,1-Dichloropropene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,2,3-Trichlorobenzene	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,2,3-Trichloropropane	0.0029	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,2,4-Trichlorobenzene	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,2,4-Trimethylbenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,2-Dibromo-3-chloropropane	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,2-Dichlorobenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,2-Dichloroethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,2-Dichloropropane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,3,5-Trimethylbenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,3-Dichlorobenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,3-Dichloropropane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	1,4-Dichlorobenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	2,2-Dichloropropane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	2-Butanone	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	2-Chloroethylvinylether	0.0072	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	2-Chlorotoluene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	2-Hexanone	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	4-Chlorotoluene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	4-Isopropyltoluene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Acetone	0.032	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Acrolein	0.072	U	mg/kg			



Table B1: Complete Soil Analytical Results  
RA 8 P2IM-SM-123 Excavation  
Boeing Plant 2

Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	Paved Industrial Area	Exceeds FMCL
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Acrylonitrile	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Benzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Bromobenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Bromochloromethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Bromodichloromethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Bromoethane	0.0029	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Bromoform	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Bromomethane	0.0014	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Carbon Disulfide	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Carbon Tetrachloride	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Chlorobenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Chloroethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Chloroform	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Chloromethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	cis-1,2-Dichloroethene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	cis-1,3-Dichloropropene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Dibromochloromethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Dibromomethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Ethylbenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Ethylene Dibromide	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Hexachlorobutadiene	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Isopropylbenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	m,p-Xylene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Methyl Iodide	0.0014	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Methyl isobutyl ketone	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Methylene Chloride	0.0029	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Naphthalene	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	n-Butylbenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	n-Propylbenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	o-Xylene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	sec-Butylbenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Styrene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	tert-Butylbenzene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Tetrachloroethene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Toluene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	trans-1,2-Dichloroethene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	trans-1,3-Dichloropropene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	trans-1,4-Dichloro-2-butene	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Trichloroethene	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Trichlorofluoromethane	0.0014	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Vinyl Acetate	0.0072	U	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	EPA 8260B	Vinyl Chloride	0.0014	UJ	mg/kg	FALSE		
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	14	J	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	46	J	mg/kg	FALSE	17000	NO
2-40-DP-006	2-40-DP-06-09-S-0	16-Jun-08	9	10	ft	NWTPH-Gx	TPH - Gasoline Range	10	U	mg/kg	FALSE	7500	NO
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Aluminum	9670		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Antimony	5	UJ	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Arsenic	5	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Barium	30		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Beryllium	0.1		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Cadmium	0.2	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Calcium	6060		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Chromium	18.8		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Cobalt	12.6		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Copper	10.9		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Iron	13800		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Lead	2	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Magnesium	4670		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Manganese	214		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Molybdenum	0.5	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Nickel	20		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Selenium	5	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Silver	0.5		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Tin	1	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Vanadium	36		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 6010B	Zinc	28		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 7471A	Mercury	0.05	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 7841	Thallium	0.12		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1016	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1221	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1232	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1242	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1248	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1254	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1260	0.046		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1262	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Aroclor 1268	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8082	Total PCB	0.046		mg/kg	TRUE	10	NO
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,1,1,2-Tetrachloroethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,1,1-Trichloroethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,1,2,2-Tetrachloroethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,1,2-Trichloroethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,1,2-Trichlorotrifluoroethane	0.0022	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,1-Dichloroethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,1-Dichloroethene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,1-Dichloropropene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,2,3-Trichlorobenzene	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,2,3-Trichloropropane	0.0022	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,2,4-Trichlorobenzene	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,2,4-Trimethylbenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,2-Dibromo-3-chloropropane	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,2-Dichlorobenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,2-Dichloroethane	0.0011	U	mg/kg	TRUE		

**Table B1: Complete Soil Analytical Results  
RA 8 P2IM-SM-123 Excavation  
Boeing Plant 2**

Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	Paved Industrial Area	Exceeds FMCL
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,2-Dichloropropane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,3,5-Trimethylbenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,3-Dichlorobenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,3-Dichloropropane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	1,4-Dichlorobenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	2,2-Dichloropropane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	2-Butanone	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	2-Chlorotoluene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	2-Hexanone	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	4-Chlorotoluene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	4-Isopropyltoluene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Acetone	0.024	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Acrylonitrile	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Benzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Bromobenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Bromochloromethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Bromodichloromethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Bromoethane	0.0022	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Bromoform	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Bromomethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Carbon Disulfide	0.0013	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Carbon Tetrachloride	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Chlorobenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Chloroethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Chloroform	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Chloromethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	cis-1,2-Dichloroethene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	cis-1,3-Dichloropropene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Dibromochloromethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Dibromomethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Ethylbenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Ethylene Dibromide	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Hexachlorobutadiene	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Isopropylbenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	m,p-Xylene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Methyl Iodide	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Methyl isobutyl ketone	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Methylene Chloride	0.0026	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	n-Butylbenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	n-Propylbenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	o-Xylene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	sec-Butylbenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Styrene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	tert-Butylbenzene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Tetrachloroethene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Toluene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	trans-1,2-Dichloroethene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	trans-1,3-Dichloropropene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	trans-1,4-Dichloro-2-butene	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Trichloroethene	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Trichlorofluoromethane	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Vinyl Acetate	0.0054	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8260B	Vinyl Chloride	0.0011	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2,2'-Oxybis(1-Chloropropane)	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2,4,5-Trichlorophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2,4,6-Trichlorophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2,4-Dichlorophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2,4-Dimethylphenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2,4-Dinitrophenol	0.64	UJ	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2,4-Dinitrotoluene	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2,6-Dinitrotoluene	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2-Chloronaphthalene	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2-Chlorophenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2-Methylphenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2-Nitroaniline	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	2-Nitrophenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	3,3'-Dichlorobenzidine	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	3-Nitroaniline	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	4,6-Dinitro-2-Methylphenol	0.64	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	4-Bromophenyl-phenylether	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	4-Chloro-3-methylphenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	4-Chloroaniline	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	4-Chlorophenyl-phenylether	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	4-Methylphenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	4-Nitroaniline	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	4-Nitrophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Benzoic Acid	0.64	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Benzyl Alcohol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	bis(2-Chloroethoxy)methane	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	bis(2-Chloroethyl)ether	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	bis(2-Ethylhexyl)phthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Butylbenzylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Carbazole	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Diethylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Dimethylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Di-n-Butylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Di-n-octylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Hexachlorobenzene	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Hexachlorocyclopentadiene	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Hexachloroethane	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Isophorone	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Nitrobenzene	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	N-Nitroso-Di-N-Propylamine	0.32</					

**Table B1: Complete Soil Analytical Results  
RA 8 P2IM-SM-123 Excavation  
Boeing Plant 2**

Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	Paved Industrial Area	Exceeds FMCL
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	N-Nitrosodiphenylamine	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Pentachlorophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270D	Phenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	1-Methylnaphthalene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	2-Methylnaphthalene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Acenaphthene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Acenaphthylene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Anthracene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Benzo(a)anthracene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Benzo(a)pyrene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Benzo(b)fluoranthene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Benzo(g,h,i)perylene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Benzo(k)fluoranthene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Chrysene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Dibenz(a,h)anthracene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Dibenzofuran	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Fluoranthene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Fluorene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Indeno(1,2,3-cd)pyrene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Naphthalene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Phenanthrene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Pyrene	0.0045	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	EPA 8270DSIM	Total cPAH as Bap TEQ	0.0045	U	mg/kg	TRUE	2.1	NO
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	5	U	mg/kg	TRUE	17000	NO
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	10	U	mg/kg	TRUE	17000	NO
2-40-DP-013	2-40-DP-13-01-S-0	03-Jul-08	0	1	ft	NWTPH-Gx	TPH - Gasoline Range	5.9	U	mg/kg	TRUE	7500	NO
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Aluminum	7830		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Antimony	5	UJ	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Arsenic	5	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Barium	19.8		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Beryllium	0.1	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Cadmium	0.2	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Calcium	4020		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Chromium	11.1		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Cobalt	4.6		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Copper	9.8		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Iron	13500		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Lead	2	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Magnesium	2630		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Manganese	132		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Molybdenum	0.5	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Nickel	8		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Selenium	5	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Silver	0.3	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Tin	1	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Vanadium	41.9		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 6010B	Zinc	26		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 7471A	Mercury	0.04	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 7841	Thallium	0.09	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1016	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1221	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1232	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1242	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1248	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1254	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1260	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1262	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Aroclor 1268	0.031	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8082	Total PCB	0.031	U	mg/kg	TRUE	10	NO
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,1,1,2-Tetrachloroethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,1,1-Trichloroethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,1,2,2-Tetrachloroethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,1,2-Trichloroethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,1,2-Trichlorotrifluoroethane	0.0028	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,1-Dichloroethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,1-Dichloroethene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,1-Dichloropropene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,2,3-Trichlorobenzene	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,2,3-Trichloropropane	0.0028	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,2,4-Trichlorobenzene	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,2,4-Trimethylbenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,2-Dibromo-3-chloropropane	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,2-Dichlorobenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,2-Dichloroethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,2-Dichloropropane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,3,5-Trimethylbenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,3-Dichlorobenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,3-Dichloropropane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	1,4-Dichlorobenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	2,2-Dichloropropane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	2-Butanone	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	2-Chlorotoluene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	2-Hexanone	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	4-Chlorotoluene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	4-Isopropyltoluene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	Acetone	0.042	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	Acrylonitrile	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	Benzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	Bromobenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	Bromochloromethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	Bromodichloromethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	Bromoethane	0.0028	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5	ft	EPA 8260B	Bromoform	0.0014	U	mg/kg	TRUE		

**Table B1: Complete Soil Analytical Results  
RA 8 P2IM-SM-123 Excavation  
Boeing Plant 2**

Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	Paved Industrial Area	Exceeds FMCL
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Bromomethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Carbon Disulfide	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Carbon Tetrachloride	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Chlorobenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Chloroethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Chloroform	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Chloromethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	cis-1,2-Dichloroethene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	cis-1,3-Dichloropropene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Dibromochloromethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Dibromomethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Ethylbenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Ethylene Dibromide	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Hexachlorobutadiene	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Isopropylbenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	m,p-Xylene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Methyl Iodide	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Methyl isobutyl ketone	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Methylene Chloride	0.017	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	n-Butylbenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	n-Propylbenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	o-Xylene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	sec-Butylbenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Styrene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	tert-Butylbenzene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Tetrachloroethene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Toluene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	trans-1,2-Dichloroethene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	trans-1,3-Dichloropropene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	trans-1,4-Dichloro-2-butene	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Trichloroethene	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Trichlorofluoromethane	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Vinyl Acetate	0.0069	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8260B	Vinyl Chloride	0.0014	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2,2'-Oxybis(1-Chloropropane)	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2,4,5-Trichlorophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2,4,6-Trichlorophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2,4-Dichlorophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2,4-Dimethylphenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2,4-Dinitrophenol	0.64	UJ	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2,4-Dinitrotoluene	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2,6-Dinitrotoluene	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2-Chloronaphthalene	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2-Chlorophenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2-Methylphenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2-Nitroaniline	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	2-Nitrophenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	3,3'-Dichlorobenzidine	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	3-Nitroaniline	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	4,6-Dinitro-2-Methylphenol	0.64	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	4-Bromophenyl-phenylether	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	4-Chloro-3-methylphenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	4-Chloroaniline	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	4-Chlorophenyl-phenylether	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	4-Methylphenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	4-Nitroaniline	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	4-Nitrophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Benzoic Acid	0.64	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Benzyl Alcohol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	bis(2-Chloroethoxy)methane	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	bis(2-Chloroethyl)ether	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	bis(2-Ethylhexyl)phthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Butylbenzylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Carbazole	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Diethylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Dimethylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Di-n-Butylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Di-n-octylphthalate	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Hexachlorobenzene	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Hexachlorocyclopentadiene	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Hexachloroethane	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Isophorone	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Nitrobenzene	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	N-Nitroso-Di-N-Propylamine	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	N-Nitrosodiphenylamine	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Pentachlorophenol	0.32	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270D	Phenol	0.064	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	1-Methylnaphthalene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	2-Methylnaphthalene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Acenaphthene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Acenaphthylene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Anthracene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Benzo(a)anthracene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Benzo(a)pyrene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Benzo(b)fluoranthene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Benzo(g,h,i)perylene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Benzo(k)fluoranthene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Chrysene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Dibenzo(a,h)anthracene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Dibenzofuran	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Fluoranthene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Fluorene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Indeno(1,2,3-cd)pyrene	0.0046	U	mg/kg	TRUE		

**Table B1: Complete Soil Analytical Results  
RA 8 P2IM-SM-123 Excavation  
Boeing Plant 2**

Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Removed	Paved Industrial Area	Exceeds FMCL
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Naphthalene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Phenanthrene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Pyrene	0.0046	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		EPA 8270DSIM	Total cPAH as Bap TEQ	0.0046	U	mg/kg	TRUE	2.1	NO
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		NWTPH-Dx-Cleaned	TPH - Diesel Range	5	U	mg/kg	TRUE	17000	NO
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		NWTPH-Dx-Cleaned	TPH - Motor Oil Range	10	U	mg/kg	TRUE	17000	NO
2-40-DP-013	2-40-DP-13-04-S-0	03-Jul-08	4	5 ft		NWTPH-Gx	TPH - Gasoline Range	6.7	U	mg/kg	TRUE	7500	NO
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Aluminum	13800		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Antimony	6	UJ	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Arsenic	6	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Barium	50.9		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Beryllium	0.2		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Cadmium	0.2	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Calcium	5280		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Chromium	16.3		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Cobalt	6.1		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Copper	17.1		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Iron	17100		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Lead	2	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Magnesium	3640		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Manganese	151		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Molybdenum	0.6	U	mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Nickel	13		mg/kg	TRUE		
2-40-DP-013	2-40-DP-13-09-S-0	7/3/2008	9	10 ft		EPA 6010B	Selenium	6	U	mg/kg	TRUE		

**Table B2: Complete Groundwater Analytical Results  
RA 8 P2IM-SM-123 Excavation Area  
Boeing Plant 2**

Location	Sample ID	Date	Top Screen Depth	Bottom Screen Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Groundwater FMCL (ug/L)	Exceeds FMCL*
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 200.8	Arsenic	4.1		µg/L	8	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 200.8	Cadmium	0.2	U	µg/L	0.21	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 200.8	Chromium	6.1		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 200.8	Copper	3.3		µg/L	8	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 200.8	Lead	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 200.8	Nickel	1.4		µg/L	8.2	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 200.8	Silver	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 200.8	Thallium	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 335.2	Cyanide	5	U	µg/L	1	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Aluminum	70		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Antimony	50	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Barium	37		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Beryllium	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Calcium	45700		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Cobalt	5		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Iron	46700		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Magnesium	19200		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Manganese	933		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Molybdenum	9		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Selenium	50	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Tin	10	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Vanadium	33		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 6010B	Zinc	10	U	µg/L	56	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 7470A	Mercury	0.02	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1016	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1221	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1232	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1242	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1248	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1254	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1260	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1262	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Aroclor 1268	0.01	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8082	Total PCB	0.01	U	µg/L	0.1	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,1,1,2-Tetrachloroethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,1,1-Trichloroethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,1,2,2-Tetrachloroethane	0.2	UJ	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,1,2-Trichloroethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,1,2-Trichlorotrifluoroethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,1-Dichloroethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,1-Dichloroethene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,1-Dichloropropene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,2,3-Trichlorobenzene	0.5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,2,3-Trichloropropane	0.5	UJ	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,2,4-Trichlorobenzene	0.5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,2,4-Trimethylbenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,2-Dibromo-3-chloropropane	0.5	UJ	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,2-Dichlorobenzene	0.2	UJ	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,2-Dichloroethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,2-Dichloropropane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,3,5-Trimethylbenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,3-Dichlorobenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,3-Dichloropropane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	1,4-Dichlorobenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	2,2-Dichloropropane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	2-Butanone	2.5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	2-Chloroethylvinylether	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	2-Chlorotoluene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	2-Hexanone	2.5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	4-Chlorotoluene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	4-Isopropyltoluene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Acetone	3.5		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Acrylonitrile	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Benzene	0.2	U	µg/L	1.6	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Bromobenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Bromochloromethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Bromodichloromethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Bromoethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Bromoform	0.2	UJ	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Bromomethane	0.5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Carbon Disulfide	0.4		µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Carbon Tetrachloride	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Chlorobenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Chloroethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Chloroform	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Chloromethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	cis-1,2-Dichloroethene	0.4		µg/L	130	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	cis-1,3-Dichloropropene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Dibromochloromethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Dibromomethane	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Ethylbenzene	0.2	U	µg/L	1.7	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Ethylene Dibromide	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Hexachlorobutadiene	0.5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Isopropylbenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	m,p-Xylene	0.4	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Methyl Iodide	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Methyl isobutyl ketone	2.5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Methylene Chloride	0.5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	n-Butylbenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	n-Propylbenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	o-Xylene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	sec-Butylbenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Styrene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	tert-Butylbenzene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Tetrachloroethene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	Toluene	0.2	U	µg/L	1300	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8260B	trans-1,2-Dichloroethene	0.2	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16										

**Table B2: Complete Groundwater Analytical Results  
RA 8 P2IM-SM-123 Excavation Area  
Boeing Plant 2**

Location	Sample ID	Date	Top Screen Depth	Bottom Screen Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Groundwater FMCL (ug/L)	Exceeds FMCL*
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Carbazole	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Diethylphthalate	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Dimethylphthalate	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Di-n-Butylphthalate	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Di-n-octylphthalate	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Hexachlorobenzene	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Hexachlorocyclopentadiene	5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Hexachloroethane	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Isophorone	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Nitrobenzene	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	N-Nitroso-Di-N-Propylamine	5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	N-Nitrosodiphenylamine	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Pentachlorophenol	5	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270D	Phenol	1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	1-Methylnaphthalene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	2-Methylnaphthalene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Acenaphthene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Acenaphthylene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Anthracene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Benzo(a)anthracene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Benzo(a)pyrene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Benzo(b)fluoranthene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Benzo(g,h,i)perylene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Benzo(k)fluoranthene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Chrysene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Dibenz(a,h)anthracene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Dibenzofuran	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Fluoranthene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Fluorene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Indeno(1,2,3-cd)pyrene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Naphthalene	0.14		µg/L	26	NO
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Phenanthrene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Pyrene	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	EPA 8270DSIM	Total cPAH as Bap TEQ	0.1	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	FIELD	Conductivity	2715		µS/cm		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	FIELD	Dissolved Oxygen	0.75		mg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	FIELD	pH	6.61		pH		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	FIELD	Redox Potential	147.5		mV		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	FIELD	Turbidity	490		NTU		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	NWTPH-Gx	TPH - Diesel Range	250	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	NWTPH-Gx	TPH - Motor Oil Range	500	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	NWTPH-Gx	TPH - Gasoline Range	250	U	µg/L		
2-40-DP-006	2-40-DP-06-18-W-0	16-Jun-08	14	18	ft	SM4500CN-I	cyanide	5	U	µg/L	1	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 200.8	Arsenic	0.5	U	µg/L	8	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 200.8	Cadmium	0.2	U	µg/L	0.21	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 200.8	Chromium	1		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 200.8	Copper	0.5	U	µg/L	8	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 200.8	Lead	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 200.8	Nickel	2.5		µg/L	8.2	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 200.8	Silver	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 200.8	Thallium	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Aluminum	50	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Antimony	50	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Barium	12		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Beryllium	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Calcium	19200		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Cobalt	3	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Iron	21500		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Magnesium	13400		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Manganese	610		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Molybdenum	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Selenium	50	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Tin	10	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Vanadium	10		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 6010B	Zinc	10	U	µg/L	56	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 7470A	Mercury	0.02	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1016	0.01	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1221	0.01	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1232	0.01	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1242	0.01	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1248	0.01	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1254	0.01	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1260	0.016		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1262	0.01	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Aroclor 1268	0.01	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8082	Total PCB	0.016		µg/L	0.1	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,1,1,2-Tetrachloroethane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,1,1-Trichloroethane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,1,2,2-Tetrachloroethane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,1,2-Trichloroethane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,1,2-Trichlorotrifluoroethane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,1-Dichloroethane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,1-Dichloroethene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,1-Dichloropropene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,2,3-Trichlorobenzene	0.5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,2,3-Trichloropropane	0.5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,2,4-Trichlorobenzene	0.5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,2,4-Trimethylbenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,2-Dibromo-3-chloropropane	0.5	UJ	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,2-Dichlorobenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,2-Dichloroethane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,2-Dichloropropane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,3,5-Trimethylbenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,3-Dichlorobenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,3-Dichloropropane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	1,4-Dichlorobenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	2,2-Dichloropropane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	2-Butanone	2				



**Table B2: Complete Groundwater Analytical Results  
RA 8 P2IM-SM-123 Excavation Area  
Boeing Plant 2**

Location	Sample ID	Date	Top Screen Depth	Bottom Screen Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Groundwater FMCL (ug/L)	Exceeds FMCL*
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Ethylbenzene	0.2	U	µg/L	1.7	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Ethylene Dibromide	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Hexachlorobutadiene	0.5	UJ	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Isopropylbenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	m,p-Xylene	0.4	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Methyl Iodide	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Methyl isobutyl ketone	2.5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Methylene Chloride	0.5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	n-Butylbenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	n-Propylbenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	o-Xylene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	sec-Butylbenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Styrene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	tert-Butylbenzene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Tetrachloroethene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Toluene	0.2	U	µg/L	1300	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	trans-1,2-Dichloroethene	0.5		µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	trans-1,3-Dichloropropene	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	trans-1,4-Dichloro-2-butene	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Trichloroethene	0.2	U	µg/L	1.4	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Trichlorofluoromethane	0.2	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Vinyl Acetate	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8260B	Vinyl Chloride	0.5		µg/L	2.4	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2,2'-Oxybis(1-Chloropropane)	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2,4,5-Trichlorophenol	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2,4,6-Trichlorophenol	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2,4-Dichlorophenol	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2,4-Dimethylphenol	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2,4-Dinitrophenol	10	UJ	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2,4-Dinitrotoluene	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2,6-Dinitrotoluene	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2-Chloronaphthalene	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2-Chlorophenol	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2-Methylphenol	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2-Nitroaniline	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	2-Nitrophenol	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	3,3'-Dichlorobenzidine	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	3-Nitroaniline	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	4,6-Dinitro-2-Methylphenol	10	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	4-Bromophenyl-phenylether	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	4-Chloro-3-methylphenol	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	4-Chloroaniline	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	4-Chlorophenyl-phenylether	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	4-Methylphenol	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	4-Nitroaniline	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	4-Nitrophenol	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Benzoic Acid	10	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Benzyl Alcohol	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	bis(2-Chloroethoxy)methane	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	bis(2-Chloroethyl)ether	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	bis(2-Ethylhexyl)phthalate	2.3		µg/L	1.2	YES
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Butylbenzylphthalate	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Carbazole	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Diethylphthalate	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Dimethylphthalate	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Di-n-Butylphthalate	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Di-n-octylphthalate	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Hexachlorobenzene	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Hexachlorocyclopentadiene	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Hexachloroethane	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Isophorone	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Nitrobenzene	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	N-Nitroso-Di-N-Propylamine	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	N-Nitrosodiphenylamine	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Pentachlorophenol	5	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270D	Phenol	1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	1-Methylnaphthalene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	2-Methylnaphthalene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Acenaphthene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Acenaphthylene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Anthracene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Benzo(a)anthracene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Benzo(a)pyrene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Benzo(b)fluoranthene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Benzo(g,h,i)perylene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Benzo(k)fluoranthene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Chrysene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Dibenz(a,h)anthracene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Dibenzofuran	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Fluoranthene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Fluorene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Indeno(1,2,3-cd)pyrene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Naphthalene	0.1	U	µg/L	26	NO
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Phenanthrene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Pyrene	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	EPA 8270DSIM	Total cPAH as Bap TEQ	0.1	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	FIELD	Conductivity	726		µS/cm		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	FIELD	Dissolved Oxygen	0.03		mg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	FIELD	pH	7.14		pH		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	FIELD	Redox Potential	-64.1		mV		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	FIELD	Turbidity	69.7		NTU		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	NWTPH-Dx-Cleaned	TPH - Diesel Range	250	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	NWTPH-Dx-Cleaned	TPH - Motor Oil Range	500	U	µg/L		
2-40-DP-013	2-40-DP-13-14-W-0	03-Jul-08	14	18	ft	NWTPH-Gx	TPH - Gasoline Range	250	U	µg/L		
GP-04404	GP-04404-0250	26-Jul-95	25	25	ft	EPA 418.1	TPH	1000	U	µg/L		
GP-04404	GP-04404-0250	26-Jul-95	25	25	ft	EPA 8081	Aroclor 1016	1	U	µg/L		
GP-04404	GP-04404-0250	26-Jul-95	25	25	ft	EPA 8081	Aroclor 1242	1	U	µg/L		
GP-04404	GP-04404-0250	26-Jul-95	25	25	ft	EPA 8081	Aroclor 1248	1	U			



**Table B2: Complete Groundwater Analytical Results  
RA 8 P2IM-SM-123 Excavation Area  
Boeing Plant 2**

Location	Sample ID	Date	Top Screen Depth	Bottom Screen Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Unit	Groundwater FMCL (ug/L)	Exceeds FMCL*
GP-04405	GP-04405-0250	15-Jul-95	25	25	ft	EPA 8081	Aroclor 1248	1	U	µg/L		
GP-04405	GP-04405-0170	15-Jul-95	17	17	ft	EPA 8081	Aroclor 1254	1	U	µg/L		
GP-04405	GP-04405-0250	15-Jul-95	25	25	ft	EPA 8081	Aroclor 1254	1	U	µg/L		
GP-04405	GP-04405-0170	15-Jul-95	17	17	ft	EPA 8081	Aroclor 1260	1	U	µg/L		
GP-04405	GP-04405-0250	15-Jul-95	25	25	ft	EPA 8081	Aroclor 1260	1	U	µg/L		
GP-04405	GP-04405-0170	15-Jul-95	17	17	ft	EPA 8081	Total PCB	1	U	µg/L	0.1	NO
GP-04405	GP-04405-0250	15-Jul-95	25	25	ft	EPA 8081	Total PCB	1	U	µg/L	0.1	NO
GP-04405	GP-04405-0170	15-Jul-95	17	17	ft	FIELD	Dissolved Oxygen	0		mg/L		
GP-04405	GP-04405-0250	15-Jul-95	25	25	ft	FIELD	Dissolved Oxygen	0		mg/L		
GP-04405	GP-04405-0170	15-Jul-95	17	17	ft	FIELD	pH	7.86		pH		
GP-04405	GP-04405-0250	15-Jul-95	25	25	ft	FIELD	pH	7.84		pH		
GP-04405	GP-04405-0170	15-Jul-95	17	17	ft	FIELD	Redox Potential	16		mV		
GP-04405	GP-04405-0250	15-Jul-95	25	25	ft	FIELD	Redox Potential	21		mV		
GP-04405	GP-04405-0170	15-Jul-95	17	17	ft	FIELD	Specific Conductance	729		µS/cm		
GP-04405	GP-04405-0250	15-Jul-95	25	25	ft	FIELD	Specific Conductance	728		µS/cm		

Notes:

- 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.
- J+ - The result is an estimated quantity, but the result may be biased high.
- 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.

Constituent Exceeds FMCL but is not a Plant 2 groundwater COC.

**APPENDIX C**

**2-41 Light Pole Base  
Excerpt From Interim Measure  
Completion Report  
2010 - 2012 Soil and Stormwater  
Management Plan, Demolition and  
Redevelopment Activities, 2-40s,  
2-31 and 2-60s/2-66 Areas**

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## **2-41 Light Pole Base - Excerpt from 2010 – 2012 Soil and Stormwater Management Plan, Demolition and Redevelopment Activities 2-40s, 2-31 and 2-60s/2-66 Areas (Golder 2013)**

### **3.5.18 2-41 Light Pole Base**

During the installation of a new base for a light pole, a pipe that contained water with an oily sheen was discovered. The light pole is located in the Industrial Area, in the footprint of the former 2-41 Building, and within the bounds of RCRA Unit SWMU 2-41.31, Machine Pits (Figure 4). The 18-inch diameter pipe was discovered at a depth of approximately 4.5 feet bgs and extended approximately 30 feet east and 13 feet west of the light pole location.

#### Excavation and Monitoring

An excavation was completed at the location of the light pole and extended to the east and west to remove the pipe and soil potentially impacted by the pipe contents. The excavation measured approximately 65 feet long, by 4 to 15 feet wide, by 7 to 11 feet deep, and resulted in the removal of approximately 150 cubic yards of soil. The soil was visually observed for signs of staining, and a PID was used to monitor the soil for VOCs as needed. The removed soil and pipe were properly managed for characterization and disposal.

#### Confirmation Sampling

Seven confirmation samples were collected in the excavation to confirm that potentially impacted soil was removed. Sample P2IM-SM-184 was collected in the bottom of the excavation at a depth of 11 feet bgs, samples P2IM-SM-185 to P2IM-SM-188 were collected from sidewalls of the excavation at a depth of 6 feet bgs, and P2IM-SM-194 and P2IM-SM-195 were collected from sidewalls of the excavation at a depth of 7 feet bgs. The samples were analyzed for TPH, and the analytical results indicated that no COC concentrations exceeded the Industrial Area criteria.

**APPENDIX D**

**2010 – 2012 IM Completion Report  
Table 5, 2-41 Light Pole Base  
(P2IM-SM-186) Complete Soil Data  
Set**

**Table 5: Supplemental and Confirmation Soil Sample Analytical Data  
Boeing Plant 2: 2-31, 2-40s & 2-60s/2-66 Demolition/Redevelopment Areas**

Evaluation Area	Building	RCRA Unit, Sump, or Structure	Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Detect	Unit	Industrial Area Criteria	Exceeds Industrial Area Criteria?	Stormwater Area Criteria	Exceeds Stormwater Area Criteria?	Paved Shoreline Area Criteria	Exceeds Paved Shoreline Area Criteria?	Removed Status (true = removed)	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Bromodichloromethane	5	U	FALSE	µg/kg							FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Bromoform	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Bromomethane	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Cadmium	0.111	U	FALSE	mg/kg	450	NO	4	NO	4	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Carbon Disulfide	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Carbon Tetrachloride	1	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Chlorobenzene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Chloroethane	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Chloroform	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Chloromethane	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Chromium	15.8		TRUE	mg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	cis-1,2-Dichloroethene	5	U	FALSE	µg/kg	100000	NO	2600	NO	160000	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	cis-1,3-Dichloropropene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Cobalt	4.93		TRUE	mg/kg	150	NO	12	NO	23	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Copper	13.9		TRUE	mg/kg	20000	NO	80	NO	80	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Dibromochloromethane	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Dibromomethane	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Ethylbenzene	5	U	FALSE	µg/kg					5400	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Ethylene Dibromide	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Hexachlorobutadiene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6010B	Iron	13300		TRUE	mg/kg	360000	NO	59000	NO	59000	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Isopropylbenzene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6010B	Lead	4.87		TRUE	mg/kg	1000	NO	250	NO	250	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	m,p-Xylene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Manganese	178		TRUE	mg/kg					1800	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 7471A	Mercury	0.113	U	FALSE	mg/kg	28	NO	1.5	NO	1.5	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Methyl Iodide	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Methyl isobutyl ketone	11	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Methylene Chloride	5	U	FALSE	µg/kg					11000	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 160.3Mod	Moisture	12.5		TRUE	%								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Molybdenum	0.2		TRUE	mg/kg	2600	NO	2000	NO	390	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Naphthalene	5	U	FALSE	µg/kg	180000	NO	3600	NO	3600	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	n-Butylbenzene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Nickel	16.8		TRUE	mg/kg	10000	NO	210	NO	210	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	n-Propylbenzene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	o-Xylene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	sec-Butylbenzene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6010B	Selenium	2.22	U	FALSE	mg/kg	2500	NO	1	NO	390	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Silver	0.111	U	FALSE	mg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Styrene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	tert-Butylbenzene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Tetrachloroethene	1	U	FALSE	µg/kg					560	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Thallium	0.111	U	FALSE	mg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6010B	Tin	11.1	U	FALSE	mg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Toluene	5	U	FALSE	µg/kg					5000000	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8082	Total PCB	7.6	U	FALSE	µg/kg	10000	NO	33	NO	220	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	NWTPH-Gx	TPH - Gasoline Range	6.3	U	FALSE	mg/kg	30	NO	30	NO	30	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	trans-1,2-Dichloroethene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	trans-1,3-Dichloropropene	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	trans-1,4-Dichloro-2-butene	54	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Trichloroethene	5	U	FALSE	µg/kg	19000	NO	51	NO	270	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Trichlorofluoromethane	5	U	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Vanadium	41.2		TRUE	mg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Vinyl Acetate	11	UJ	FALSE	µg/kg								FALSE
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 8260C	Vinyl Chloride	5	U	FALSE	µg/kg					670	NO	FALSE	
Industrial	2-60s		P2IM-SM-182	P2IM-SM-182-01-S-S	4/19/2012	1	1	ft	EPA 6020	Zinc	34.8		TRUE	mg/kg	150000	NO	1400	NO	1400	NO	FALSE	
Industrial	2-60s		P2IM-SM-183	P2IM-SM-183-2.5-S-C	4/19/2012	2.5	2.5	ft	EPA 160.3Mod	Moisture	14.7		TRUE	%								FALSE
Industrial	2-60s		P2IM-SM-183	P2IM-SM-183-2.5-S-C	4/19/2012	2.5	2.5	ft	NWTPH-Gx	TPH - Gasoline Range	6.7	U	FALSE	mg/kg	30	NO	30	NO	30	NO	FALSE	
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-184	P2IM-SM-184-11-S-C	4/20/2012	11	11	ft	EPA 160.3Mod	Moisture	24.8		TRUE	%								FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-184	P2IM-SM-184-11-S-C	4/20/2012	11	11	ft	NWTPH-DxMod-C	TPH - Bunker C	120	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE	
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-184	P2IM-SM-184-11-S-C	4/20/2012	11	11	ft	NWTPH-DxMod-C	TPH - Diesel Range	9.2	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE	
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-184	P2IM-SM-184-11-S-C	4/20/2012	11	11	ft	NWTPH-DxMod-C	TPH - Motor Oil Range	39	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE	
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-185	P2IM-SM-185-06-S-C	4/20/2012	6	6	ft	EPA 160.3Mod	Moisture	34		TRUE	%								FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-185	P2IM-SM-185-06-S-C	4/20/2012	6	6	ft	NWTPH-DxMod-C	TPH - Bunker C	180		TRUE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE	
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-185	P2IM-SM-185-06-S-C	4/20/2012	6	6	ft	NWTPH-DxMod-C	TPH - Diesel Range	10	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE	
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-185	P2IM-SM-185-06-S-C	4/20/2012	6	6	ft	NWTPH-DxMod-C	TPH - Motor Oil Range	45	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE	
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-186	P2IM-SM-186-06-S-C	4/20/2012	6	6	ft	EPA 160.3Mod	Moisture	21		TRUE	%								TRUE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-186	P2IM-SM-186-06-S-C	4/20/2012	6	6	ft	NWTPH-DxMod-C	TPH - Bunker C	96000	J	TRUE	mg/kg	2000	YES	2000	YES	2000	YES	TRUE	

**Table 5: Supplemental and Confirmation Soil Sample Analytical Data  
Boeing Plant 2: 2-31, 2-40s & 2-60s/2-66 Demolition/Redevelopment Areas**

Evaluation Area	Building	RCRA Unit, Sump, or Structure	Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Detect	Unit	Industrial Area Criteria	Exceeds Industrial Area Criteria?	Stormwater Area Criteria	Exceeds Stormwater Area Criteria?	Paved Shoreline Area Criteria	Exceeds Paved Shoreline Area Criteria?	Removed Status (true = removed)
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-187	P2IM-SM-187-06-S-C	4/20/2012	6	6	ft	NWTPH-DxMod-C	TPH - Motor Oil Range	1000		TRUE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-188	P2IM-SM-188-06-S-C	4/20/2012	6	6	ft	EPA 160.3Mod	Moisture	32.8		TRUE	%							FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-188	P2IM-SM-188-06-S-C	4/20/2012	6	6	ft	NWTPH-DxMod-C	TPH - Bunker C	130	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-188	P2IM-SM-188-06-S-C	4/20/2012	6	6	ft	NWTPH-DxMod-C	TPH - Diesel Range	10	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-188	P2IM-SM-188-06-S-C	4/20/2012	6	6	ft	NWTPH-DxMod-C	TPH - Motor Oil Range	44	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,1,1,2-Tetrachloroethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,1,1-Trichloroethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,1,2,2-Tetrachloroethane	7	U	FALSE	µg/kg				560	NO		FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,1,2-Trichloroethane	7	U	FALSE	µg/kg				1100	NO		FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,1,2-Trichlorotrifluoroethane	13	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,1-Dichloroethane	7	U	FALSE	µg/kg					3300	NO	FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,1-Dichloroethene	7	U	FALSE	µg/kg				240000	NO		FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,1-Dichloropropene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,2,3-Trichlorobenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,2,3-Trichloropropane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,2,4-Trichlorobenzene	7	U	FALSE	µg/kg				22000	NO		FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,2,4-Trimethylbenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,2-Dibromo-3-chloropropane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,2-Dichlorobenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,2-Dichloroethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,2-Dichloropropane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,3,5-Trimethylbenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,3-Dichlorobenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,3-Dichloropropane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	1,4-Dichlorobenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	2,2-Dichloropropane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	2-Butanone	13	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	2-Chlorotoluene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	2-Hexanone	13	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	4-Chlorotoluene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	4-Isopropyltoluene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Acetone	32		TRUE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Acrolein	130	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Acrylonitrile	26	UJ	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Benzene	1	U	FALSE	µg/kg	49000	NO	93	NO	1100	NO	FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Bromobenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Bromochloromethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Bromodichloromethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Bromoforn	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Bromomethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Carbon Disulfide	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Carbon Tetrachloride	1	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Chlorobenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Chloroethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Chloroform	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Chloromethane	7	UJ	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	cis-1,2-Dichloroethene	7	U	FALSE	µg/kg	100000	NO	2600	NO	160000	NO	FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	cis-1,3-Dichloropropene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Dibromochloromethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Dibromomethane	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Ethylbenzene	7	U	FALSE	µg/kg				5400	NO		FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Ethylene Dibromide	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Hexachlorobutadiene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Isopropylbenzene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	m,p-Xylene	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Methyl Iodide	7	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Methyl isobutyl ketone	13	U	FALSE	µg/kg							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Methylene Chloride	7	U	FALSE	µg/kg					11000	NO	FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 160.3Mod	Moisture	30.5		TRUE	%							FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	Naphthalene	7	U	FALSE	µg/kg	180000	NO	3600	NO	3600	NO	FALSE
Industrial	2-40s		P2IM-SM-189	P2IM-SM-189-11-S-C	4/24/2012	11	11	ft	EPA 8260C	n-Butylbenzene	7	U	FALSE	µ							



**Table 5: Supplemental and Confirmation Soil Sample Analytical Data  
Boeing Plant 2: 2-31, 2-40s & 2-60s/2-66 Demolition/Redevelopment Areas**

Evaluation Area	Building	RCRA Unit, Sump, or Structure	Location	Sample ID	Date	Top Depth	Bottom Depth	Depth Unit	Analytical Method	Parameter	Value	Qualifier	Detect	Unit	Industrial Area Criteria	Exceeds Industrial Area Criteria?	Stormwater Area Criteria	Exceeds Stormwater Area Criteria?	Paved Shoreline Area Criteria	Exceeds Paved Shoreline Area Criteria?	Removed Status (true = removed)
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Chloroethane	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Chloroform	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Chloromethane	6	UJ	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	cis-1,2-Dichloroethene	6	U	FALSE	µg/kg	1000000	NO	2600	NO	160000	NO	FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	cis-1,3-Dichloropropene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Dibromochloromethane	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Dibromomethane	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Ethylbenzene	6	U	FALSE	µg/kg					5400	NO	FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Ethylene Dibromide	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Hexachlorobutadiene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Isopropylbenzene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	m,p-Xylene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Methyl Iodide	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Methyl isobutyl ketone	11	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Methylene Chloride	6	U	FALSE	µg/kg					11000	NO	FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 160.3Mod	Moisture	10.2		TRUE	%							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Naphthalene	6	U	FALSE	µg/kg	180000	NO	3600	NO	3600	NO	FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	n-Butylbenzene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	n-Propylbenzene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	o-Xylene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	sec-Butylbenzene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Styrene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	tert-Butylbenzene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Tetrachloroethene	1	U	FALSE	µg/kg					560	NO	FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Toluene	6	U	FALSE	µg/kg					5000000	NO	FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	trans-1,2-Dichloroethene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	trans-1,3-Dichloropropene	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	trans-1,4-Dichloro-2-butene	57	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Trichloroethene	24		TRUE	µg/kg	19000	NO	51	NO	270	NO	FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Trichlorofluoromethane	6	U	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Vinyl Acetate	11	UJ	FALSE	µg/kg							FALSE
Industrial	2-40s	AOC 2-41.32	P2IM-SM-193	P2IM-SM-193-06-S-C	4/24/2012	6	6	ft	EPA 8260C	Vinyl Chloride	6	U	FALSE	µg/kg					670	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-194	P2IM-SM-194-07-S-C	5/4/2012	7	7	ft	EPA 160.3Mod	Moisture	31.4		TRUE	%							FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-194	P2IM-SM-194-07-S-C	5/4/2012	7	7	ft	NWTPH-DxMod-C	TPH - Bunker C	130	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-194	P2IM-SM-194-07-S-C	5/4/2012	7	7	ft	NWTPH-DxMod-C	TPH - Diesel Range	10	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-194	P2IM-SM-194-07-S-C	5/4/2012	7	7	ft	NWTPH-DxMod-C	TPH - Motor Oil Range	44	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-195	P2IM-SM-195-07-S-C	5/4/2012	7	7	ft	EPA 160.3Mod	Moisture	39		TRUE	%							FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-195	P2IM-SM-195-07-S-C	5/4/2012	7	7	ft	NWTPH-DxMod-C	TPH - Bunker C	150	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-195	P2IM-SM-195-07-S-C	5/4/2012	7	7	ft	NWTPH-DxMod-C	TPH - Diesel Range	11	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Industrial	2-40s	SWMU 2-41.31	P2IM-SM-195	P2IM-SM-195-07-S-C	5/4/2012	7	7	ft	NWTPH-DxMod-C	TPH - Motor Oil Range	49	U	FALSE	mg/kg	2000	NO	2000	NO	2000	NO	FALSE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	1-Methylnaphthalene	7.2		TRUE	µg/kg	350000	NO	16000	NO	16000	NO	TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	2-Methylnaphthalene	2.6		TRUE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Acenaphthene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Acenaphthylene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Anthracene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8082	Aroclor 1016	8.1	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8082	Aroclor 1221	8.1	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8082	Aroclor 1232	8.1	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8082	Aroclor 1242	8.1	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8082	Aroclor 1248	8.1	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8082	Aroclor 1254	8.1	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8082	Aroclor 1260	8.1	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Benzo(a)anthracene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Benzo(a)pyrene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Benzo(b)fluoranthene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Benzo(g,h,i)perylene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Benzo(k)fluoranthene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Bis(2-Ethylhexyl)phthalate	22	U	FALSE	µg/kg	770000	NO	35000	NO	35000	NO	TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Butylbenzylphthalate	22	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Chrysene	3.1		TRUE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Dibenz(a,h)anthracene	2	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Dibenzofuran	2.1		TRUE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Diethylphthalate	22	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Dimethylphthalate	22	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Di-n-butylphthalate	22	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM	Di-n-octylphthalate	22	U	FALSE	µg/kg							TRUE
Stormwater	2-40s	OA 14	P2IM-SM-196	P2IM-SM-196-10-S-C	5/8/2012	10	10	ft	EPA 8270DSIM												

