LANDAU ASSOCIATES

November 20, 2024

Transmitted via email to: dunr461@ecy.wa.gov

Washington State Department of Ecology
Toxics Cleanup Program
PO Box 330316
Shoreline, WA 98133-9716

Attn: David Unruh

Re: Agreed Order Remedial Investigation Interim Data Report and Proposed Next Steps
Former TECT Aerospace Leasehold Area
Cleanup Site ID: 12071; Facility/Site ID: 17392
Snohomish County Airport/Paine Field
Everett, Washington
Landau Project No. 0222057.050

Dear Mr. Unruh:

At the request of Snohomish County Airport (Airport), Landau Associates, Inc. (Landau) prepared this interim data report to document the results of the first phase of the remedial investigation (RI) being conducted under Agreed Order No. DE 21781 (AO) between the Washington State Department of Ecology (Ecology) and the Airport for the TECT Aerospace Everett site (Site) in Everett, Washington. The AO became effective on August 30, 2023 and requires Snohomish County to conduct a Model Toxics Control Act (MTCA) remedial investigation/feasibility study (RI/FS) and to prepare a preliminary cleanup action plan to address known subsurface contamination at the Site. The Site is listed on Ecology's Confirmed and Suspected Contaminated Sites List as TECT Aerospace Everett with Facility Site ID No. 17392 and Cleanup Site ID No. 12071.

The RI is being conducted in accordance with the TECT Aerospace AO RI/FS work plan (Landau 2024),[1] which was approved by Ecology and finalized on May 7, 2024. The first phase of AO RI field activities was conducted between May and August 2024. Preliminary soil and shallow groundwater results were presented to Ecology during a virtual meeting with the Airport and Landau representatives on August 27, 2024. Ecology requested that an interim data report be prepared to document the RI results and proposed next steps to address any remaining Site characterization data gaps. This document was prepared in response to Ecology's request. The data tables and figures included in this data report represent a subset of cumulative Site tables and figures, and only the most pertinent results are shown on figures to indicate where additional investigation is warranted. A full description of the RI including field methods, boring logs, data management, and a conceptual Site model will be provided

[1] Landau. 2024. Agreed Order Remedial Investigation and Feasibility Study Work Plan, Paine Field TECT Aerospace Leasehold, Everett, Washington. Landau Associates, Inc. May 7.

in the RI report to be submitted after completion of all RI field activities. The reader is referred to the AO RI/FS work plan for a detailed description of the Site background.

Agreed Order Remedial Investigation Overview

The scope of work detailed in the AO RI/FS work plan included investigation activities within all five previously identified investigation areas at the Site:

- Building C-19
- Building C-20, -21, -22 Complex[2]
- Building C-23 and C-23 Annex[2]
- Former Building C-29/Former East Fuel Farm
- Deep Aquifer.

Most of the Site field activities were completed by August 15, 2024, and were conducted in accordance with the AO RI/FS work plan. Field activities included in the work plan that remain to be completed include fourth quarter groundwater elevation measurements and semiannual groundwater sampling in the wet season. Field work through August 2024 included the following major elements, consistent with the AO RI/FS work plan:

- Drilling and sampling of 18 shallow soil borings (RISB-100 through RISB-117) ranging in maximum depth from 20 to 50 feet below ground surface. Soil samples were collected for analysis for volatile organic compounds (VOCs) and several other parameters from each boring. Groundwater samples were collected from borings that yielded sufficient water for sample collection, except RISB-112, which was not planned for groundwater sampling.
- Drilling, installation, and development of shallow monitoring wells RIGW-100 through RIGW-104.
- Drilling, installation, and development of deep aquifer monitoring wells RIDW-7 and RIDW-8 located adjacent to and crossgradient of wells DW-1 and DW-2, respectively. DW-1 and DW-2 were decommissioned prior to installation of RIDW-7 and RIDW-8 and were sampled prior to decommissioning.
- Surveying of new monitoring wells RIGW-100 through RIGW-104, RIDW-7, and RIDW-8 for location and elevation.
- Conducting three groundwater elevation survey events of the existing and new deep aquifer and shallow, perched groundwater monitoring wells at the Site. Groundwater elevations were also measured at six off-Site deep aquifer wells located on an adjacent parcel currently leased by The Boeing Company.
- Installing 16 shallow soil gas probes (RISG-203 through RISG-218) and sampling of soil gas from 15 of the 16 probes. All soil gas samples were analyzed for VOCs. Soil gas probe RISG-203 was not sampled because water was present in the probe.

[2] Buildings within the Building C-20, -21, -22 Complex and Building C-23 and C-23 Annex were demolished in early 2024. However, because the building foundations and concrete slabs were left in place, the buildings are not referred to as "former" buildings in this document. This convention will continue as long as the foundations/slabs remain in place.

- Conducting one semiannual, Site-wide groundwater sampling event at all Site wells (20 shallow groundwater wells and nine deep aquifer wells). Per- and polyfluorinated alkyl substances (PFAS) were analyzed for in groundwater samples collected from one shallow well (HMB1) located in the Former Building C-29/Former East Fuel Farm area.
- Conducting a trench drain investigation in the C-20, -21, -22 area to determine the location of the drain terminus.

A summary of all RI exploration activities and their stated objective was included as Table 18 in the AO RI/FS work plan. An amended version of that table is provided herein as Table 1. The locations of the 18 shallow soil borings are shown on Figure 1, the locations of the 16 soil gas probes are shown on Figure 5, and the new well locations (including five shallow and two deep wells) are shown on Figure 7. The trench drain investigation results are shown on Figure 8.

Results

The results of the first phase of field activities conducted under the AO are summarized in Table 1, which also includes a statement as to whether the stated objective(s) for conducting each field activity was achieved. The figures and tables listed below are provided to support the results and conclusions included in Table 1.

- Figure 1 shows iso-concentration contours for trichloroethene (TCE; the primary contaminant of concern at the Site) in shallow groundwater and incorporates new data collected during this phase of the AO RI.
- Figure 2 shows soil benzene and total petroleum hydrocarbon (TPH) data for the Building C-20, -21, -22 Complex
- Figure 3 shows groundwater benzene and TPH data for the Building C-20, -21, -22 Complex
- Figure 4 shows groundwater VOC data for the Building C-23 and C-23 Annex area
- Figure 5 shows August 2024 Site-wide soil gas TCE concentrations
- Figure 6 shows the locations of newly installed wells RIGW-100 through RIGW-104, and RIDW-7 and RIDW-8
- Figure 7 illustrates the findings of the Trench Drain investigation associated with the Building C-20, -21, -22 Complex
- Table 1 summarizes the results of the first phase of the AO RI.
- Tables 2 through 6 show analytical results for soil samples collected from the 18 new shallow soil borings and soil collected during monitoring well and soil gas installation, along with all previous soil analytical results from the Pre-AO RI activities as follows:
  - Table 2: Building C-19
  - Table 3: Building C-20, -21, -22 Complex
  - Table 4: Building C-23 and C-23 Annex
  - Table 5: Former Building C-29/Former East Fuel Farm
  - Table 6: Deep Aquifer.

The AO RI sampling locations are highlighted in yellow within the tables to more easily identify the recently collected AO RI data.

- Tables 7 through 12 show analytical results for groundwater samples collected from the shallow soil borings that yielded sufficient water for sample collection, and Site monitoring wells along with all previous groundwater analytical results from Pre-AO RI activities as follows:
  - Table 7: Building C-19
  - Table 8: Building C-20, -21, -22 Complex
  - Table 9: Building C-23 and C-23 Annex
  - Table 10: Former Building C-29/Former East Fuel Farm
  - Table 11: Former Building C-29/Former East Fuel Farm PFAS
  - Table 12: Deep Aquifer.

  The AO RI sampling locations are highlighted in yellow within the tables to more easily identify the recently collected AO RI data.
- Tables 13 through 16 show analytical results for soil gas samples collected from the shallow soil gas probes that were dry at the time of sampling along with all previous soil gas analytical results from Pre-AO RI activities as follows:
  - Table 13: Building C-19
  - Table 14: Building C-20, -21, -22 Complex
  - Table 15: Building C-23 and C-23 Annex
  - Table 16: Former Building C-29/Former East Fuel Farm

  The AO RI sampling locations are highlighted in yellow within the tables to more easily identify the recently collected AO RI data. Note that Tables 2 through 16 show only detected constituents within the area; the full list of analyzed constituents is not reported in these tables but is available upon request.

Remaining Data Gaps and Recommended Additional Investigation

As described in Table 1, investigation objectives were not fully achieved within the areas of the Site listed below.

- The extent of chlorinated solvents in groundwater around existing boring RISB-58 located east of the northern half of Building C-19 was not fully delineated.
  - Up to two additional borings, RISB-200 and RISB-201 (Figure 8), are recommended to further delineate the extent of chlorinated solvents in this area. RISB-200 is a contingent boring location that will be investigated based on the analytical results of samples collected from RISB-201.
- Soil and groundwater in the immediate vicinity of the trench drain discharge point within the Building C-20, -21, -22 Complex and north of Building C-19 has not been investigated.
  - One boring, RISB-202 (Figure 8), is recommended to investigate this data gap.

- The presence of petroleum hydrocarbons in soil or groundwater adjacent to a suspected underground storage tank (UST) near the southeast corner of Building C-23 has not been determined.
  - One boring, RISB-203, is recommended to investigate this data gap.
- The extent of chlorinated solvents in soil and groundwater in the southwest quadrant of the Building C-23 Annex has not been delineated.
  - One boring, RISB-204 (Figure 8), is recommended to investigate this data gap.
- Trace concentrations of PFAS were detected in a groundwater sample from monitoring well HMB1. Ecology has requested additional investigation to characterize PFAS in the northern Former Building C-29/Former East Fuel Farm area.
  - One boring, RISB-205, to be located north of HMB1 (Figure 8) and closer to the suspected source of PFAS (an aqueous film-forming foam release from the ATS hangar) and the sampling of existing monitoring well RIGW-3 to the south of HMB1 are recommended to investigate this data gap.

All field work would be completed in accordance with methods and procedures described in the previously approved TECT Aerospace AO RI/FS work plan (Landau 2024),[1] which includes a sampling and analysis plan, quality assurance project plan, health and safety plan, and inadvertent discovery plan.

Use of This Letter Report

This report has been prepared for the exclusive use of Snohomish County and Ecology for specific application to the Site. No other party is entitled to rely on the information, conclusions, and recommendations included in this document without the express written consent of Landau. Further, the reuse of information, conclusions, and recommendations provided herein for extensions of the project or for any other project, without review and authorization by Landau, shall be at the user's sole risk. Landau warrants that within the limitations of scope, schedule, and budget, our services have been provided in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions as this project. Landau makes no other warranty, either express or implied.

This document has been prepared under the supervision and direction of the following key staff.

LANDAU ASSOCIATES, INC.

Stephanie A. Renando
Senior Scientist

Jerry Ninteman
Senior Principal Engineer, PE

SAR/JRN/ccy
P:\222\057 (TECT RI_FS)\R\RI Reports\AO RI Interim Data Report - 2024\Landau_TECT Aerospace RI Interim Data_rpt - 11-20-24.docx

cc: Andrew Rardin, Snohomish County Airport
Jing Song, Washington State Department of Ecology

Attachments

Figure 1: Shallow Aquifer Investigation Locations and Trichloroethene Concentration Contours in Shallow Groundwater
Figure 2: Building C-20, -21, -22 Complex Benzene and Total Petroleum Hydrocarbons in Soil
Figure 3: Building C-20, -21, -22 Complex Total Petroleum Hydrocarbons and Benzene in Groundwater
Figure 4: Building C-23 and C-23 Annex Volatile Organic Compounds in Groundwater
Figure 5: Agreed Order Remedial Investigation Soil Gas Trichloroethene Concentrations
Figure 6: Monitoring Well Network
Figure 7: Trench Drain
Figure 8: Planned Investigation Locations
Table 1: Exploration Summary
Table 2: Building C-19 – Detected Constituents in Soil
Table 3: Building C-20, C-21, C-22 – Detected Constituents in Soil
Table 4: Building C-23 – Detected Constituents in Soil
Table 5: Former Building C-29 – Detected Constituents in Soil
Table 6: Deep Aquifer – Detected Constituents in Soil
Table 7: Building C-19 – Detected Constituents in Groundwater
Table 8: Building C-20, C-21, C-22 – Detected Constituents in Groundwater
Table 9: Building C-23 – Detected Constituents in Groundwater
Table 10: Former Building C-29 – Detected Constituents in Groundwater
Table 11: Former Building C-29 – Groundwater PFAS Analytical Results
Table 12: Deep Aquifer – Detected Constituents in Groundwater
Table 13: Building C-19 – Detected Constituents in Soil Gas and Indoor Air
Table 14: Building C-20, C-21, C-22 – Detected Constituents in Soil Gas
Table 15: Building C-23 – Detected Constituents in Soil Gas and Indoor Air
Table 16: Former Building C-29 – Detected Constituents in Soil Gas

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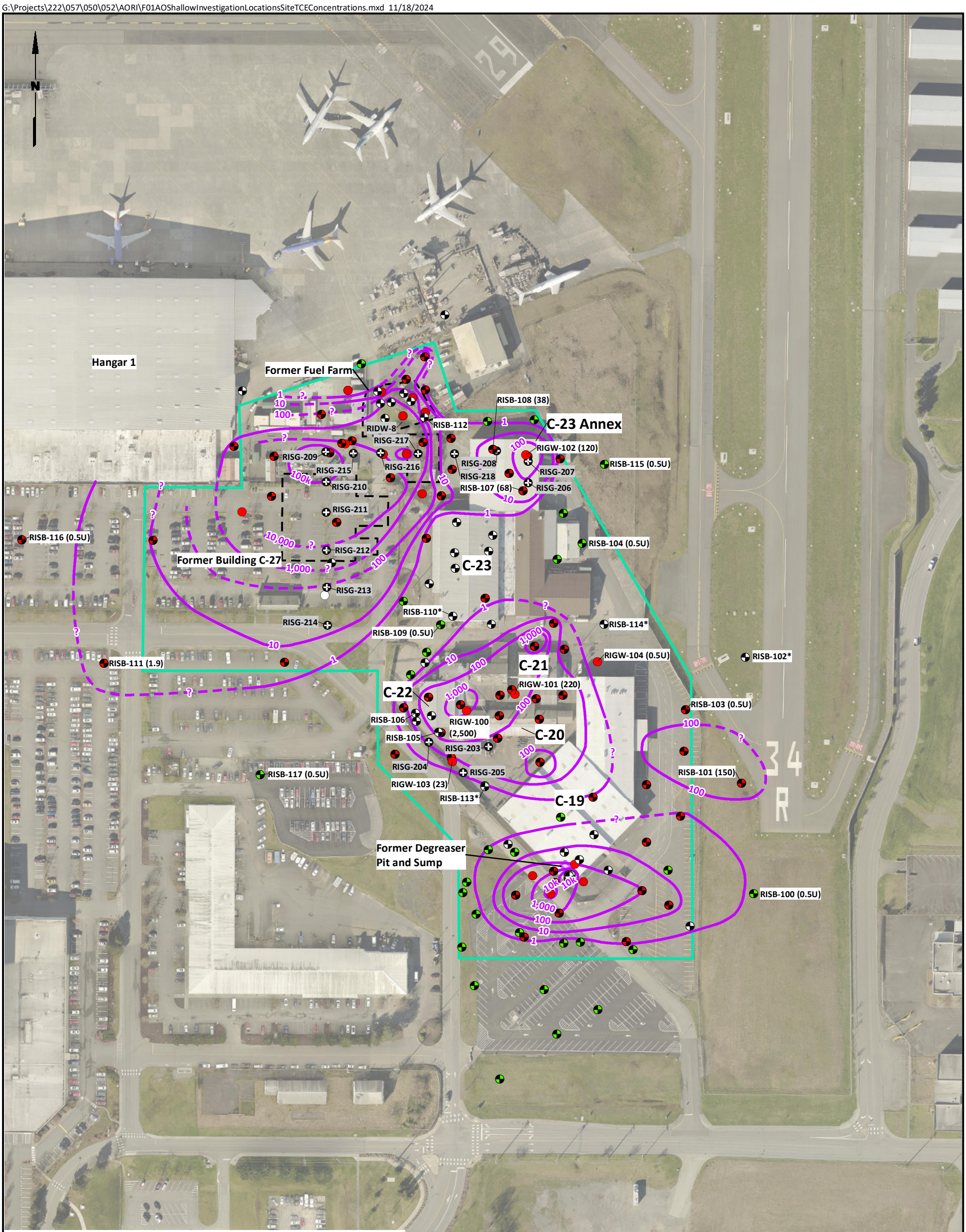


Legend

- Monitoring Well
- Soil Boring
- Soil Gas Probe
- Groundwater TCE Concentration Contour in micrograms per liter
- Estimated Groundwater TCE Concentration Contour in micrograms per liter
- Approximate Site Boundary
- Concentration Exceeded Site Screening Levels for One or More VOC Analytes
- Analysis was Conducted, but Results were not Detected above Laboratory Reporting Limits
- Sample Not Analyzed

0 170 340

Scale in Feet

Exploration Key

RISB = Soil Boring
RIGW = Shallow Groundwater Monitoring Well
RISG = Soil Gas Probe
( ) = TCE Concentration in µg/L

Notes

1. *Indicates groundwater not encountered.
2. TCE = trichloroethene.
3. U = TCE was not detected above the laboratory reporting limit shown.
4. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Sources: AGI 1999; Landau Associates 2006; King County GIS.

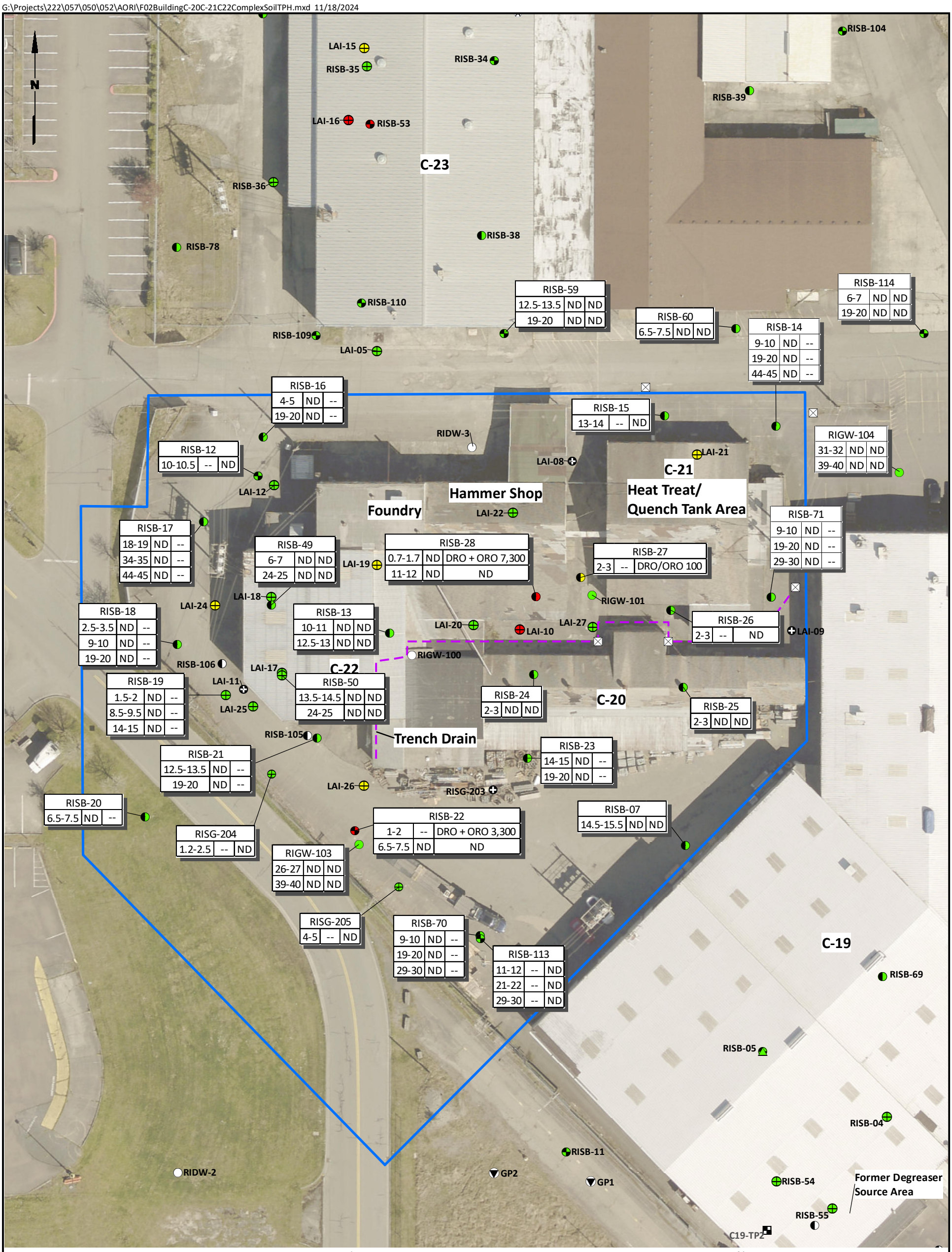
LANDAU ASSOCIATES

TECT Aerospace
Everett, Washington

Shallow Aquifer Investigation Locations and TCE Concentration Contours in Shallow Groundwater

Figure 1

G:\Projects\222\057\050\052\AORI\F02BuildingC-20C-21C22ComplexSoilTPH.mxd 11/18/2024



Legend

Color Coding Key

- Concentration Exceeded Site Screening Levels for One or More Analytes
- One or More Analytes were Detected, but did not Exceed Site Screening Levels
- Analysis was Conducted, but Results were not detected above Laboratory Reporting Limits
- Sample Not Analyzed

Sampling Locations

- Ambient Air Sampling Location
- Indoor Air Sampling Location
- Monitoring Well Location
- Soil Boring Location
- Groundwater Sampling Location
- Soil Gas Sampling Location
- Soil and Groundwater Sampling Location
- Soil and Soil Gas Sampling Location
- Soil, Soil Gas, and Groundwater Sampling Location
- Test Pit

- Catch Basin
- Trench Drain
- Building C-20, C-21, C-22 Complex

Data Box Key

Sample Location		
Sample Depth (ft, BGS)	Benzene Concentration (µg/kg)	Max. TPH-G, or Total TPH-D and TPH-O Conc. (mg/kg)

Notes

1. Screening levels for TPH-G are 30 mg/kg with benzene present and 100 mg/kg without benzene present.
2. Screening level for TPH-D and TPH-O are 2,000 mg/kg, separate or combined.
3. Screening level for benzene is 1.7 µg/kg.
4. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Sources: AGI 1999; Landau Associates 2006; King County GIS.

0 45 90

Scale in Feet

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Everett, Washington

Building C-20, C-21, C-22 Complex
Benzene and TPH in Soil

Figure
2

G:\Projects\222\057\050\052\AORI\F03BuildingC-20C-21C22ComplexGWTPH.mxd 11/18/2024

N

LAI-15
RISB-34
RISB-35
RISB-104
RISB-104
RISB-39
LAI-16
RISB-53
C-23
RISB-36
RISB-78
RISB-38
RISB-110
RISB-109
RISB-59
LAI-05
RISB-114

RISB-60			
20-25	8/27/2019	ND	--

RISB-16			
10-15	4/1/2019	ND	--

RISB-15			
15-20	3/21/2019	ND	DRO+ORO 660

RISB-14			
20-25	4/1/2019	ND	--

RIDW-3			
140.5-150.5	9/11/2019	ND	--

RIGW-104			
18-23	8/12/2024	ND	ND

RISB-17			
20-25	3/29/2019	ND	--

RISB-12
LAI-12
Foundry
LAI-22
Hammer Shop
LAI-08
LAI-21
Heat Treat/
Quench Tank Area
C-21

RISB-27			
1.5-4.5	4/2/2019	ND	--

RISB-71			
15-20	12/1/2022	ND	--

RISB-49			
4-9	3/20/2019	ND	DRO+ORO 1,300

RISB-28			
9-12	3/19/2019	ND	DRO+ORO 6,000

LAI-19
LAI-18
LAI-24
RIGW-101
LAI-27
LAI-09

RISB-18			
15-20	3/29/2019	ND	--

RISB-13			
9-12	3/19/2019	ND	DRO+ORO 850

LAI-20
LAI-10
C-22
Trench Drain
C-20

RISB-26			
15-20	4/2/2019	ND	--

RISB-106			
10-15	5/24/2024	--	DRO+ORO 270

LAI-17
RISB-50
LAI-11
RISB-19
LAI-25

RIGW-100			
10-20	8/14/2024	--	DRO+ORO 140

RISB-24			
1-4	3/20/2019	ND	DRO+ORO 860

RISB-25			
1.5-4.5	3/20/2019	ND	DRO+ORO 620

RISB-105			
15-20	5/24/2024	--	DRO+ORO 810

RISB-21			
4-4.5	4/2/2019	ND	--

RISB-23			
10-15	3/28/2019	ND	DRO+ORO 700

RISG-204
LAI-26
RISG-203

RISB-22			
4-4.5	4/2/2019	ND	--

RISB-20				
10-15	3/27/2019	0.68	--	

RIGW-103			
7.5-17.5	8/12/2024	ND	DRO+ORO 820

RISB-07			
10-15	3/28/2019	ND	DRO+ORO 620

RISG-205

RISB-70			
14-19	11/30/2022	ND	--

RISB-113
C-19
RISB-69
RISB-05
RISB-04
RISB-11
RIDW-2
GP2
GP1
RISB-54
Former Degreaser
Source Area
RISB-55
C19-TP2
RIGW-55

Legend

Color Coding Key

- Concentration Exceeded Site Screening Levels for One or More Analytes
- One or More Analytes were Detected, but did not Exceed Site Screening Levels
- Analysis was Conducted, but Results were not detected above Laboratory Reporting Limits
- Sample Not Analyzed

Sampling Locations

- Ambient Air Sampling Location
- Indoor Air Sampling Location
- Monitoring Well Location
- Soil Boring Location
- Groundwater Sampling Location
- Soil Gas Sampling Location
- Soil and Groundwater Sampling Location
- Soil and Soil Gas Sampling Location
- Soil, Soil Gas, and Groundwater Sampling Location
- Test Pit
- Catch Basin
- Trench Drain
- Building C-20, C-21, C-22 Complex

Data Box Key

Sample Location			
Screen Depth (ft, BGS)	Date	Benzene Conc. (µg/L)	Max. TPH-G or Total TPH-D and TPH-O Conc. (µg/L)

Notes

1. Where more than one constituent was detected or exceeded site screening level, the constituent with the highest concentration is shown.
2. Screening levels for TPH-G are 800 µg/L with benzene present and 1,000 µg/L without benzene present.
3. Screening level for TPH-D and TPH-O are 500 µg/L, separate or combined.
4. Screening level for benzene is 0.80 µg/L.
5. UST = Underground Storage Tank
6. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Sources: AGI 1999; Landau Associates 2006; King County GIS.

0 40 80
Scale in Feet

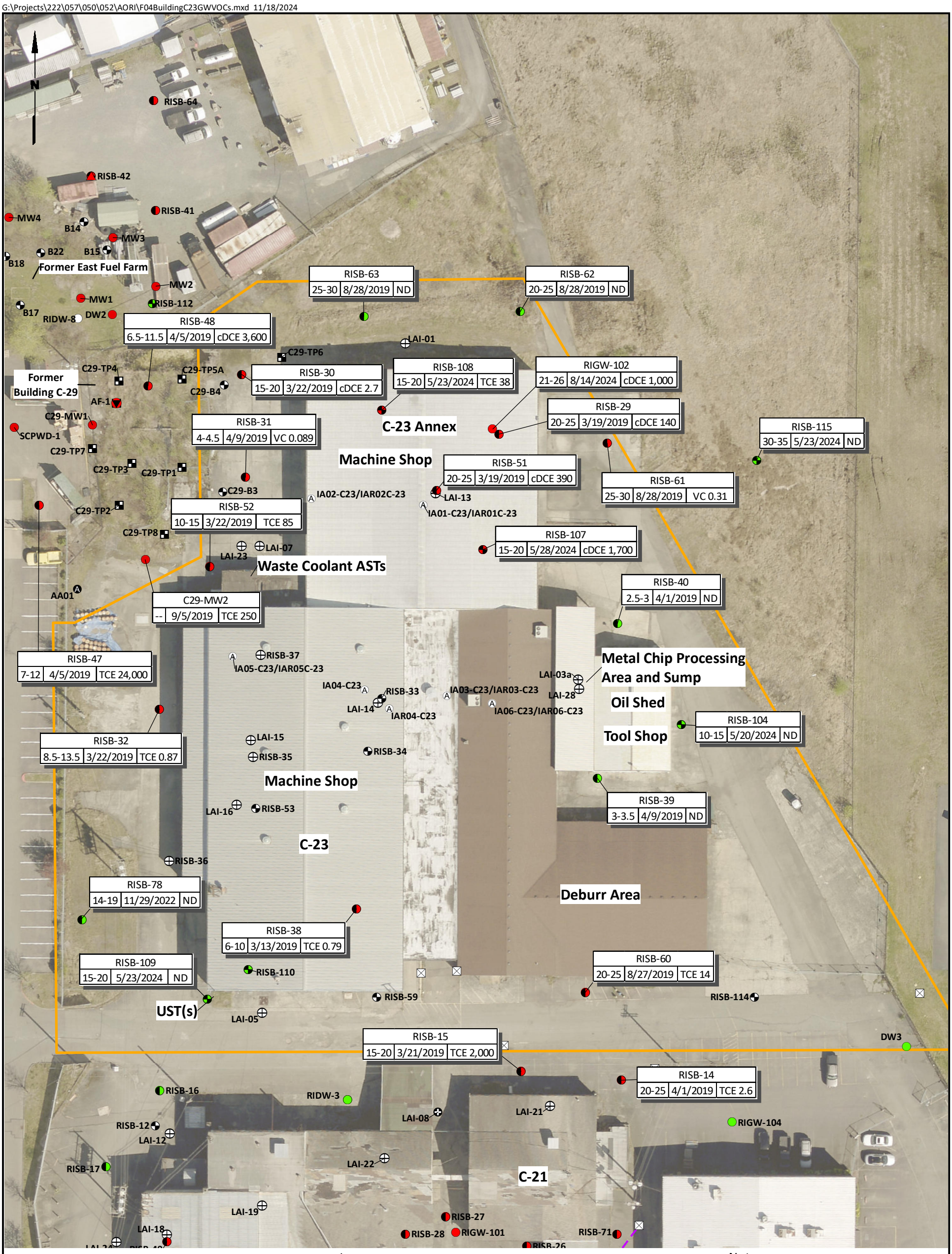
LANDAU ASSOCIATES

TECT Aerospace
Everett, Washington

Building C-20, C-21, C-22 Complex
TPH and Benzene in Groundwater

Figure
3

G:\Projects\222\057\050\052\AORI\F04BuildingC23GWVOCs.mxd 11/18/2024



Legend

Color Coding Key

- Concentration Exceeded Site Screening Levels for One or More Analytes
- One or More Analytes were Detected, but did not Exceed Site Screening Levels
- Analysis was Conducted, but Results were not detected above Laboratory Reporting Limits
- Sample Not Analyzed

Sampling Locations

- Ambient Air Sampling Location
- Indoor Air Sampling Location
- Monitoring Well Location
- Soil Boring Location
- Groundwater Sampling Location
- Soil Gas Sampling Location
- Soil and Groundwater Sampling Location
- Soil and Soil Gas Sampling Location
- Soil, Soil Gas, and Groundwater Sampling Location
- Test Pit

- Catch Basin
- Trench Drain
- Building C-23 and C-23 Annex

Data Box Key

Sample Location		
Screen Depth (ft, BGS)	Date	Max. PCE, TCE, cDCE, or VC Conc. (µg/L)

Notes

1. Where more than one constituent was detected or exceeded site screening level, the constituent with the highest concentration is shown.
2. Screening levels for PCE, TCE, cDCE, and VC are 5, 0.54, 16, and 0.029 ug/L, respectively.
3. UST = Underground Storage Tank
4. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Sources: AGI 1999; Landau Associates 2006; King County GIS.

0 50 100

Scale in Feet

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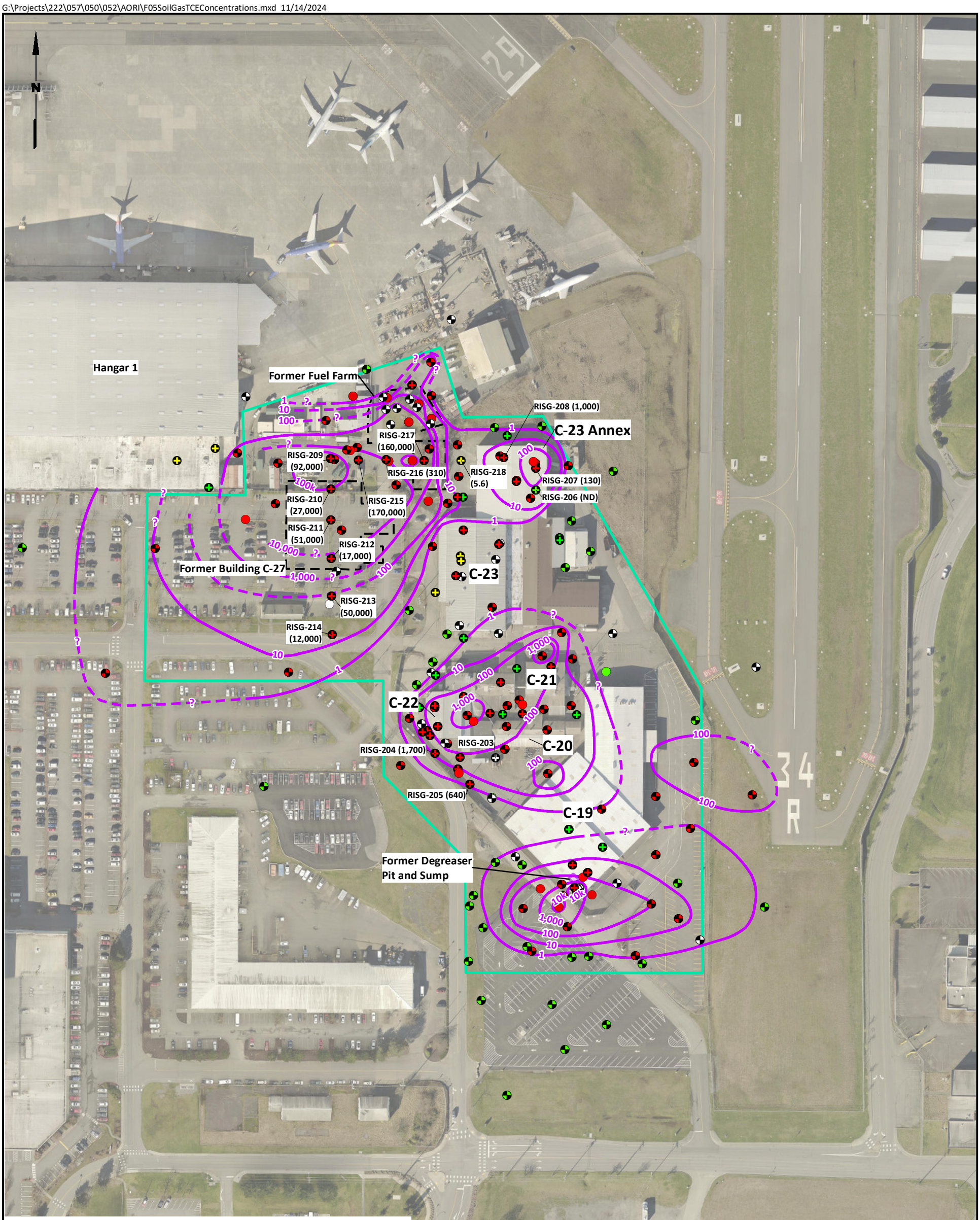
TECT Aerospace
Everett, Washington

Building C-23 and C-23 Annex
VOCs in Groundwater

Figure
4

G:\Projects\222\057\050\052\AORI\F05SoilGasTCEConcentrations.mxd 11/14/2024



Legend

- Monitoring Well
- Soil Boring
- Soil Gas Probe
- Groundwater TCE Concentration Contour in micrograms per liter
- Estimated Groundwater TCE Concentration Contour in micrograms per liter
- Approximate Site Boundary
- Soil Gas TCE Concentration Exceeded Site Screening Level
- Soil Gas TCE Concentration was Below Site Screening Level
- Analysis was Conducted, but Results were not Detected above Laboratory Reporting Limits
- Analysis was not Conducted at this Location

0 170 340

Scale in Feet

Exploration Key

RISG = Soil Gas Probe

( ) = TCE Concentration in µg/m³

Notes

1. TCE Screening Level in Soil Gas = 11 µg/m³.
2. TCE Screening Level in Groundwater = 0.54 µg/L.
3. TCE = trichloroethene.
4. U = TCE was not detected above the laboratory reporting limit shown.
5. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Sources: AGI 1999; Landau Associates 2006; King County GIS.

LANDAU ASSOCIATES

TECT Aerospace
Everett, Washington

AO RI Soil Gas TCE Concentrations

Figure 5

G:\Projects\222\057\050\052\AORI\F06MonitoringWellNetwork.mxd 10/21/2024 | abarton

N

RIDW-5
RIDW-6
HMB1
MW1
MW3
MW4
MW2
RIDW-4
RIDW-8
DW2
RIGW-3
C29-MW1
RIGW-102
SCPWD-1
C29-MW2
RIGW-2
RIGW-1
DW3
RIDW-3
RIGW-104
MW2
MW6
RIGW-100
RIGW-101
RIGW-103
RIDW-2
RIGW-55
SCPWD-2
SCPWD-4
DW1
SCPWD-3
MW1
RIDW-7
MW7
MW3
RIDW-1
MW4

Legend

- Shallow Monitoring Well
- Deep Monitoring Well
- Boeing-Owned Deep Monitoring Well (for Groundwater Elevations Only)
- Decommissioned Monitoring Well

0 200 400

Scale in Feet

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Source: King County GIS.

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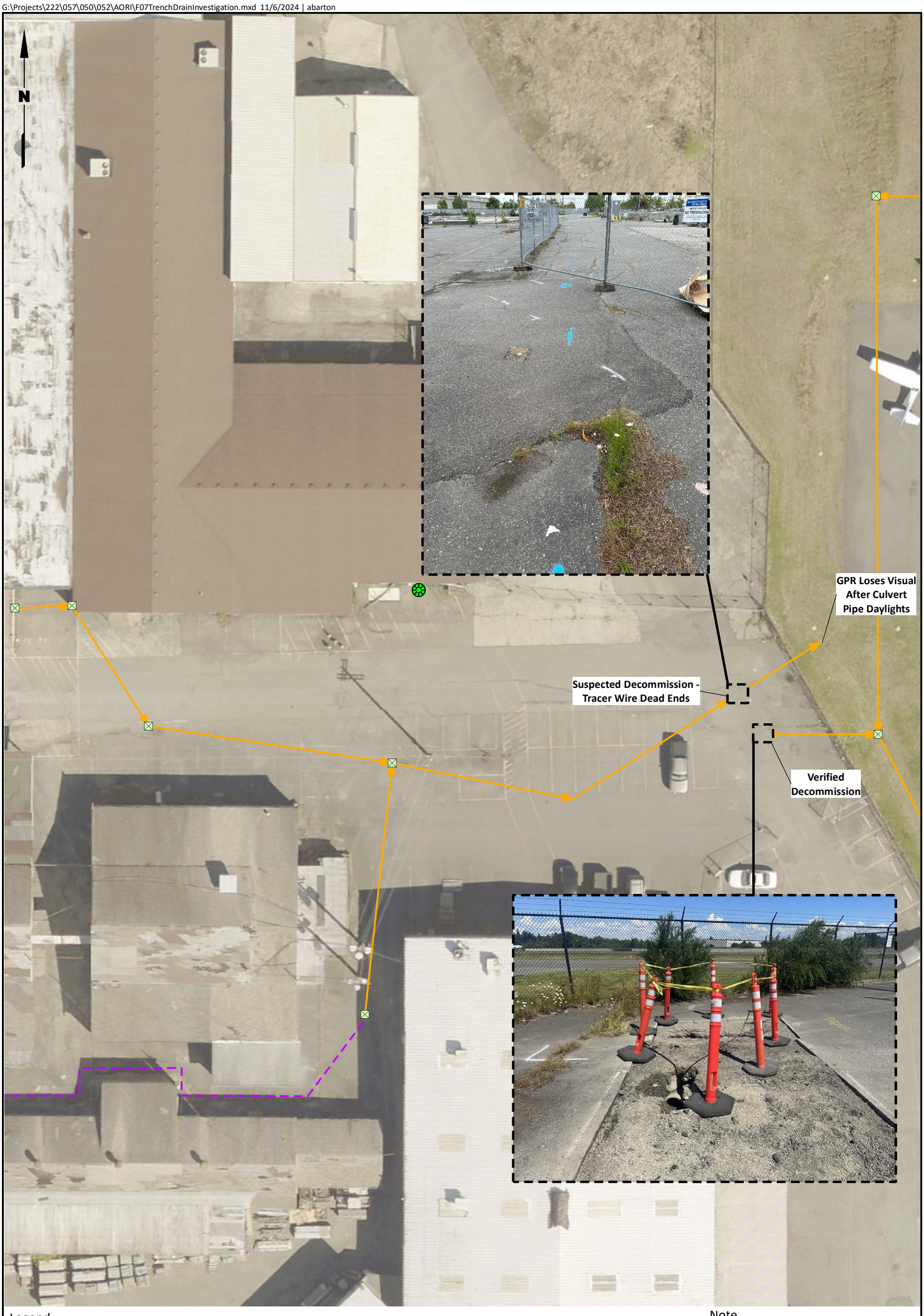
TECT Aerospace
Everett, Washington

Monitoring Well Network

Figure
6

G:\Projects\222\057\050\052\AORI\F07TrenchDrainInvestigation.mxd 11/6/2024 | abarton



Legend

- Catch Basin
- Storm Drain Piping
- Manhole
- Trench Drain

0 30 60

Scale in Feet

Note

1. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Source: Snohomish County.

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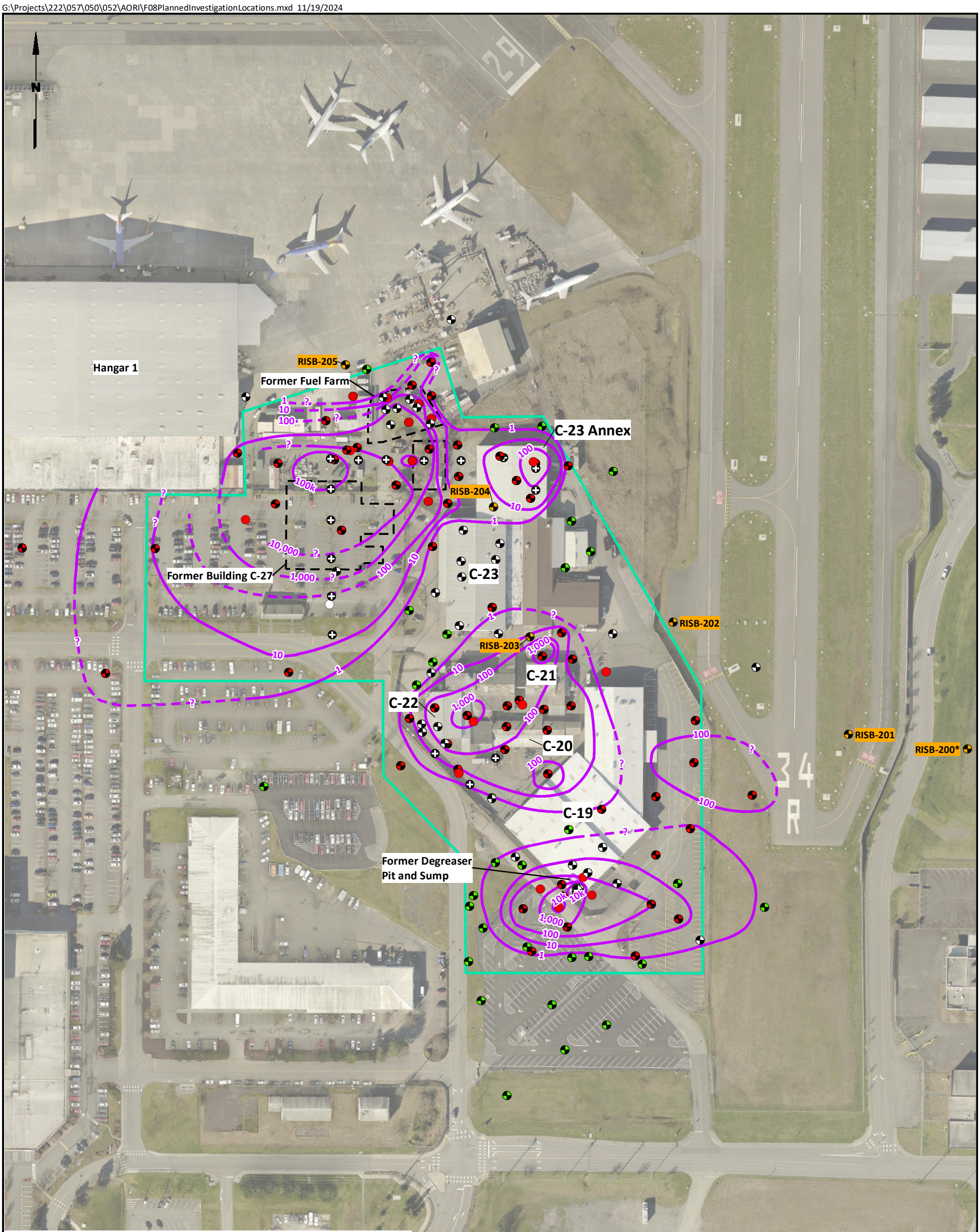
TECT Aerospace
Everett, Washington

Trench Drain

Figure
7

G:\Projects\222\057\050\052\AORI\F08PlannedInvestigationLocations.mxd 11/19/2024



Legend

- Planned Investigation Location
- Monitoring Well
- Soil Boring
- Soil Gas Probe
- Groundwater TCE Concentration Contour in micrograms per liter
- Estimated Groundwater TCE Concentration Contour in micrograms per liter
- Approximate Site Boundary
- Concentration Exceeded Site Screening Levels for One or More VOC Analytes
- Analysis was Conducted, but Results were not Detected above Laboratory Reporting Limits
- Analysis was not Conducted at this Location

0 170 340

Scale in Feet

Exploration Key

RISB = Soil Boring
RIGW = Shallow Groundwater Monitoring Well
RISG = Soil Gas Probe

Notes

1. *Contingent location RISB-200 will be investigated based on sampling results from RISB-201.
2. Orange shading indicates planned location (i.e., RISB-205).
3. TCE = trichloroethene.
4. Black and white reproduction of this color original may reduce its effectiveness and lead to incorrect interpretation.

Data Sources: AGI 1999; Landau Associates 2006; King County GIS.

LANDAU ASSOCIATES

TECT Aerospace
Everett, Washington

Planned Investigation Locations

Figure 8

Table 1
Exploration Summary
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Investigation Area/ Exploration Location	Exploration Type	Media Sampled			Exploration Objective	RI Objective Achieved/Completed?	Exploration Results
		Soil	Groundwater	Soil Gas			
Building C-19							
RIDW-7	Monitoring Well	✓			Further delineate the vertical extent of chlorinated solvents in soil near the former vapor degreaser	Yes. More delineation needed beneath sump during design phase	Elevated TCE found in soil down to 48 ft bgs with two clean (ND) samples below that depth (from 56-57 and 66-67 ft bgs). Previous sampling (at SCPWD-3) only extended to 33.5 ft bgs. Max TCE (25,000 µg/kg) at RIDW-7 found at 13-14 and 16-17 ft bgs (higher than at SCPWD-3).
RISB-100	Soil Boring	✓	✓		Further delineate the extent of the chlorinated solvent plume to the east of the former vapor degreaser	Yes	No VOC detects in soil or GW other than minor methylene chloride detects in both soil samples from RISB-100.
RISB-101 through RISB-103	Soil Boring	✓	✓		Further delineate the extent of chlorinated solvents in GW around existing boring RISB-58 located east of the northern half of Building C-19	No. Additional exploration needed to further characterize extent	RISB-101 had 150 µg/L TCE with cis-DCE and VC degradation products. RISB-103 ND on TCE but low levels of cis-DCE and VC. GW not encountered at RISB-102.
Building C-20, C-21, C-22 Complex							
RISG-203 through RISG-205	Soil Gas Probe	✓		✓	Further delineate the extent of soil gas exceeding SLs to the south of Building C-20 in the vicinity of LAI-26 and petroleum hydrocarbon exceedances in soil at RISB-22	Yes, though the limits of the soil gas SL exceedance area were not delineated, the soil gas data generally correlate with soil and GW VOC data and additional soil gas data collection would not likely be useful in supporting feasibility study evaluations.	Probes were installed and soil gas samples collected from RISG-204 and RISG-205; elevated GW levels prevented sample collection from RISG-203. VOCs, primarily TCE, cis-1,2-DCE, and VC, exceeded soil gas SLs in both probes. TPH in soil at RISG-204 (1.2-2.5 and 4-5 ft bgs) were all ND.
RISB-105 and RISB-106	Soil Boring	✓	✓		Further delineate the extent of total Cr in soil and diesel- and oil-range hydrocarbons in GW to the west and south of Building C-22	Yes	Total Cr in RISB-105 and RISB-106 soil samples were below SLs. TPH-D and TPH-O in RISB-105 and RISB-106 GW samples were below SLs. Combined TPH-D+O (810 µg/L) for RISB-105 is above the SL of 500 µg/L, however, both TPH-D and TPH-O are ND with silica-gel cleanup indicating that most of the measured TPH are polar metabolites.
RISB-113 and RISB-114	Soil Boring	✓	✓		Further delineate the extent of diesel- and oil-range hydrocarbons in GW in the Building C-20, -21, and -C-22 Complex	Yes	GW not encountered at RISB-113 (drilled to 30 ft bgs) or RISB-114 (drilled to 30 ft bgs). However, TPH with silica-gel cleanup in 5 soil samples from RISB-113 and RISB-114 were all ND. In addition, GW samples from new wells RIGW-103 and RISG-104, which were installed within 90 ft of RISB-113 and RISB-114, respectively, were below all TPH SLs.
RIGW-103 and RIGW-104	Monitoring Well	✓	✓		Establish a GW monitoring network in the Building C-20, C-21, C-22 complex and evaluate extent of hydrocarbon contamination in the area	Yes	RIGW-103 and RIGW-104 were installed and sampled; see results one row up regarding analysis of GW samples for TPH. VOC samples from both wells produced TCE data consistent with previous Site-wide TCE concentration contour map.
Trench Drain Survey	Sonde Survey				Determine discharge point of trench drain; compare discharge point location with existing Site data for potential follow-up soil and GW sampling	Yes/No (see next column)	The trench drain was found to discharge to a shallow ditch north of Building C-19. However, no subsurface data exist within the immediate vicinity of the discharge point.
RIGW-100 and RIGW-101	Monitoring Well	✓	✓		Establish a GW monitoring network in the Building C-20, C-21, C-22 complex. Conduct Cr speciation in soil and GW near RISB-13	Yes	RIGW-100 and RIGW-101 were installed and sampled. GW from RIGW-100, located within 10 ft of RISB-13, did not contain detectable levels of total, hexavalent, or trivalent Cr. Two soil samples from RIGW-100 (12-13 and 19-20 ft bgs) contained total Cr and trivalent Cr at concentrations below the SL but did not contain detectable levels of hexavalent Cr. VOC samples from both wells produced TCE data consistent with previous Site-wide TCE concentration contour map.
Building C-23/C-23 Annex							
RISB-107 and RISB-108	Soil Boring	✓	✓		Delineate the extent of chlorinated VOCs and oil-range hydrocarbons beneath Building C-23 Annex	No. Additional characterization of the extent of chlorinated VOCs is needed beneath the southwestern portion of Building C-23 Annex.	Elevated VOCs (up to 5,000 µg/kg TCE) in deep (29-30 ft bgs) soil sample from RISB-108 consistent with VOC data from nearby borings RISB-29 and RISB-51. Much lower VOC levels found in RISB-107 soil sample including ND TCE. Elevated VOCs (up to 1,700 µg/L cis-1,2-DCE) in GW from RISB-107 and RISB-108 generally consistent with VOC data from RISB-29 and RISB-51. The combined concentration of TPH-D and TPH-O at RISB-107 and -108 exceeds the TPH-D+O SL in GW but not in silica-gel cleanup samples indicating that most of the measured TPH are polar metabolites. No cPAHs above SLs in GW.
RISB-115	Soil Boring	✓	✓		Delineate extent of chlorinated VOC contamination east of Building C-23 Annex, near RISB-61	Yes	No VOCs detected in soil or GW at RISB-115 or RISB-104, except methylene chloride in soil at RISB-104.

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Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Investigation Area/ Exploration Location	Exploration Type	Media Sampled			Exploration Objective	RI Objective Achieved/Completed?	Exploration Results
		Soil	Groundwater	Soil Gas			
RISG-206 through RISG-208	Soil Gas Probe			✓	Delineate the extent of chlorinated VOCs beneath the northern portion of Building C-23 Annex	Yes, though the limits of the soil gas SL exceedance area were not delineated, the soil gas data generally correlate with soil and GW VOC data and additional soil gas data collection would not likely be useful in supporting feasibiilty study evaluations.	Probes were installed and soil gas samples collected from RISG-206, 207, and 208. One or more VOCs, primarily TCE, cis-1,2-DCE, and VC, exceeded soil gas SLs at each probe location though TCE concentrations were significantly lower than those found at LAI-13 in 2017.
RISB-104	Soil Boring	✓	✓		Evaluate GW and/or soil conditions near the former oil shed and de-burr area east of Building C-23	Yes	VOCs not detected in RISB-104 soil other than low levels of methylene chloride. RISB-104 GW data all ND for VOCs. Combined TPH-D+O (2,480 µg/L) is above SL but only 250 µg/L with silica-gel cleanup indicating that most of the measured TPH are polar metabolites. Benzo(a)pyrene slightly above SL but below MTCA Method C cleanup level.
UST Survey	GPR Survey				Determine if one or more USTs are present near the SW corner of Building C-23	Yes	Suspected UST found near SE side of C-23.
RISB-109 and RISB-110	Soil Boring	✓	✓		Evaluate soil and GW conditions in the area of suspected UST near SW corner of Building C-23	Yes	Four soil samples from RISB-109 and RISB-110 were all ND for TPH-G, TPH-D, and TPH-O. GW not encountered at RISB-110; RISB-109 combined TPH-D+O is less than SL.
RIGW-102	Monitoring Well	✓	✓		Establish a GW monitoring well in the Building C-23/C-23 Annex complex	Yes	RIGW-102 was installed and sampled. VOC samples from RIGW-102 produced TCE data consistent with previous Site-wide TCE concentration contour map.
Former Building C-29/Former East Fuel Farm							
RISB-111, RISB-116, and RISB-117	Soil Boring	✓	✓		Further delineate the extent of VOC contamination in GW and/or soil southwest of former Building C-27	Yes. However, additional GW monitoring wells should be installed within this area as part of remedial action to allow tracking of remediation progress	VOCs, primarily cis-1,2-DCE, TCE and VC, were detected in the deep soil sample from RISB-111 above SLs. VOCs were not detected above SLs at RISB-116 and RISB-117. TCE was not detected in GW at RISB-116 and RISB-117. RISB-111 GW had 1.9 µg/L TCE, which is above the MTCA Method B SL but below Method C SLs. MTCA Method C GW SLs were also exceeded at RISB-111 for cis-1,2-DCE, VC, and 1,2-DCA.
RISG-209 through RISG-218	Soil Gas Probe			✓	Characterize the nature and extent of VOCs in soil gas within the VOC plume centered around former Building C-27	Yes, though the limits of the soil gas SL exceedance area were not delineated, the soil gas data generally correlate with soil and GW VOC data and additional soil gas data collection would not likely be useful in supporting feasibility study evaluations.	Probes were installed and soil gas samples collected from each probe. High concentrations of VOCs, primarily TCE, tetrachloroethylene and VC, were found at each probe except RISG-218. TCE concentrations were several orders of magnitude above the soil gas SL at eight of the 10 probes.
RISB-112	Soil Boring	✓			Delineate the northerly extent of chromium contamination in soil at the north end of former Building C-29	Yes	Three RISB-112 soil samples all below SLs for total Cr. Hexavalent Cr was ND.
HMB1	Monitoring Well		✓		Evaluate for the presence of PFAS at the Site by sampling GW at a Site location where PFAS have the greatest likelihood of detection based on available information	Yes, PFAS presence verified; however, additional investigation of PFAS extent has been requested.	12 of the 40 PFAS compounds tested were found above detection limits in the HMB1 GW sample. Two PFAS compounds, PFOS and PFOA, were detected at concentrations above project SLs.
Deep Aquifer							
RIDW-7	Monitoring Well		✓		Re-characterize deep aquifer GW conditions in the immediate vicinity of DW1 in the Building C-19 area	Yes	RIDW-7 was installed and sampled following decommissioning of adjacent DW1. VOCs were not detected in RIDW-7 even though DW1 contained 840 µg/L TCE immediately prior to decommissioning indicating that DW1 analytical results were likely compromised by cross-contamination between the perched GW unit and the deep aquifer.
RIDW-8	Monitoring Well		✓		Re-characterize deep aquifer GW conditions in the immediate vicinity of DW2 in the Former Building C-29/Former East Fuel Farm area	Yes	RIDW-8 was installed and sampled following decommissioning of adjacent DW2. With the exception of TCE, VOCs were detected in RIDW-8 at concentrations similar to concentrations measured in DW2 immediately prior to decommissioning. TCE was not detected in RIDW-8 but was measured at 8.0 µg/L in DW2. Data indicate that cross-contamination between the perched GW unit and the deep aquifer did not occur at DW2 or occurred to a much lesser degree relative to DW1. Additional monitoring data from RIDW-8 will provide more conclusive evidence to assess cross-contamination at DW2.

Table 1
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TECT Aerospace Cleanup Site
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Abbreviations and Acronyms:

bgs = below ground surface
cPAH = carcinogenic polycyclic aromatic hydrocarbon
Cr = chromium
DCA = dichloroethane
DCE = dichloroethene
ft = foot/feet
GW = groundwater
µg/kg = micrograms per kilogram
µg/L = micrograms per liter
MTCA = Model Toxics Control Act
ND = not detected
PFAS = per- and polyfluorinated alkyl substances
SL = screening level
TCE = trichloroethene
TPH = total petroleum hydrocarbons
TPH-D = diesel-range total petroleum hydrocarbons
TPH-G = gasoline-range total petroleum hydrocarbons
TPH-O = oil-range total petroleum hydrocarbons
UST = underground storage tank
VC = vinyl chloride
VOC = volatile organic compound

Table 1
Exploration Summary
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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Table 2
Building C-19 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Metals				TPH		VOCs											
Analyte:				Arsenic	Chromium, Total	Lead	Mercury	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Carbon Disulfide	cis-1,2-Dichloroethene	Methyl Ethyl Ketone	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	7439-92-1	7439-97-6	PHC_C12-C24	PHC_C24-C40	71-55-6	75-34-3	75-35-4	67-64-1	75-15-0	156-59-2	78-93-3	75-09-2	127-18-4	156-60-5	79-01-6	75-01-4
Project SL:				7	42	150	0.10	2,000	2,000	84	2.6	2.5	2,100	250	5.2	1,400	1.5	2.8	32	1.5	0.09
MTCA Method C SL:				90						7×10^9	2.3×10^7	1.8×10^8	3.2×10^9	3.5×10^8	7×10^6	2.1×10^9	2.1×10^7	2.1×10^7	7×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																		
C19-TP1	C19TP1-SO-0.9-19940214	2/14/1994	N	--	--	--	--	--	--	**39**	**2**	0 U	0 U	1.1 U	**11**	0 U	5.7 U	1.1 U	0 U	**590**	0 U
C19-TP1	C19TP1-SO-0-19940214	2/14/1994	N	--	--	--	--	--	--	**44**	**2.3**	**2.2**	**6.6**	1.1 U	**8.1**	0 U	5.7 U	1.1 U	0 U	**220**	0 U
C19-TP2	C19TP2-SO-0.1-19940214	2/14/1994	N	--	--	--	--	--	--	**5.4**	0 U	0 U	0 U	1.1 U	0 U	0 U	5.2 U	1.1 U	0 U	**19**	0 U
C19-TP2	C19TP2-SO-0.9-19940214	2/14/1994	N	--	--	--	--	--	--	0 U	0 U	0 U	0 U	1.1 U	0 U	0 U	5.6 U	1.1 U	0 U	**27**	0 U
DW1	DW1-SO-117-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	10 U	10 U	--
DW1	DW1-SO-137-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	10 U	10 U	--
DW1	DW1-SO-57.5-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	10 U	**10**	--
DW1	DW1-SO-77-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	10 U	10 U	--
DW1	DW1-SO-97.5-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--	10 U	10 U	--
GP13	GP13-SO-9-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
GP15	GP15-SO-3-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**22**	--	--	10 U	--
GP17	GP17-SO-8-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	**43**	--
GP18	GP18-SO-2-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
GP18	GP18-SO-9-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	**59**	--
GP3	GP3-SO-4.5-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
GP3	GP3-SO-8-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	**63**	--
GP4	GP4-SO-3-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**26**	--	--	10 U	--
GP5	GP5-SO-3-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
GP5	GP5-SO-8-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
GP6	GP6-SO-2-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
GP7	GP7-SO-2-20130321	3/21/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
GP8	GP8-SO-2-20130321	3/21/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
GP9	GP9-SO-2-20130321	3/21/2013	N	--	--	--	--	--	--	--	--	--	--	--	--	--	20 U	--	--	10 U	--
RISB-01	RISB-01-(9-10')	3/27/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.9 U	1.5 U	10 U	1.5 U	0.05 U
RISB-01	RISB-01-(16-17')	3/27/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-02	RISB-02-(11-12')	3/26/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.7 U	1.5 U	10 U	1.5 U	0.05 U
RISB-03	RISB-03-(2-3')	3/26/2019	N	**4.0**	**36**	**13**	**0.028**	25 U	50 U	--	--	--	--	--	--	--	--	--	--	--	--
RISB-03	RISB-03-(29-30')	3/26/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U

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CAS RN:				7440-38-2	7440-47-3	7439-92-1	7439-97-6	PHC_C12-C24	PHC_C24-C40	71-55-6	75-34-3	75-35-4	67-64-1	75-15-0	156-59-2	78-93-3	75-09-2	127-18-4	156-60-5	79-01-6	75-01-4
Project SL:				7	42	150	0.10	2,000	2,000	84	2.6	2.5	2,100	250	5.2	1,400	1.5	2.8	32	1.5	0.09
MTCA Method C SL:				90						7×10^9	2.3×10^7	1.8×10^8	3.2×10^9	3.5×10^8	7×10^6	2.1×10^9	2.1×10^7	2.1×10^7	7×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																		
RISB-03	RISB-03-(11-12')	3/26/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-04	RISB-04-(2-3')	3/18/2019	N	**3.9**	**33**	**5.3**	**0.026**	25 U	50 U	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-05	RISB-05-(9.5-10.5')	3/18/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-05	RISB-05-(2-3')	3/18/2019	N	**3.6**	**30**	**2.5**	**0.026**	25 U	50 U	--	--	--	--	--	--	--	--	--	--	--	--
RISB-06	RISB-06-(2-3')	3/27/2019	N	**3.9**	**34**	**5.5**	**0.029**	**37**	**210**	--	--	--	--	--	--	--	--	--	--	--	--
RISB-06	DUP-SOIL-190327	3/27/2019	FD	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	**4.7**	0.05 U
RISB-06	RISB-06-(19-21')	3/27/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	**2.6**	**0.15**
RISB-07	DUP-SOIL-190328	3/28/2019	FD	--	--	--	--	25 U	50 U	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.6 U	1.5 U	10 U	1.5 U	**0.081**
RISB-07	RISB-07-(14.5-15.5')	3/28/2019	N	--	--	--	--	25 U	50 U	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.7 U	1.5 U	10 U	1.5 U	**0.11**
RISB-07	RISB-07-(29-30')	3/28/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.6 U	1.5 U	10 U	1.5 U	0.05 U
RISB-08	RISB-08-(29-30')	3/26/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-08	RISB-08-(19-20')	3/26/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-09	RISB-09-(7-8')	3/25/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-09	RISB-09-(24-25')	3/25/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.7 U	1.5 U	10 U	1.5 U	0.05 U
RISB-09	RISB-09-(18-19')	3/25/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-10	RISB-10-(7-8')	3/25/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-10	RISB-10-(34-35')	3/25/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-10	RISB-10-(23-24')	3/25/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-100	RISB-100-S-34-35	5/29/2024	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	**9.9**	1.5 U	10 U	1.5 U	0.05 U
RISB-100	RISB-100-S-18-19	5/29/2024	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	**12**	1.5 U	10 U	1.5 U	0.05 U
RISB-101	RISB-101-S-11-12	5/29/2024	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	**3.8**	50 U	**17**	1.5 U	10 U	1.5 U	**5.4**
RISB-101	RISB-101-S-29-30	5/29/2024	N	--	--	--	--	--	--	10 U	**1.9**	**5.9**	50 U	10 U	**31**	50 U	**14**	1.5 U	10 U	**25**	**5.3**
RISB-102	RISB-102-S-39-40	5/29/2024	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	**16**	1.5 U	10 U	1.5 U	0.05 U
RISB-102	RISB-102-S-13-14	5/29/2024	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	**14**	1.5 U	10 U	1.5 U	0.05 U
RISB-103	RISB-103-S-39-40	5/31/2024	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	**37**	50 U	**7.2**	1.5 U	10 U	**3500**	**2.6**
RISB-103	RISB-103-S-16-17	5/31/2024	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	**16**	50 U	**9.8**	1.5 U	10 U	**3800**	**0.31**
RISB-11	RISB-11-(2-3')	3/25/2019	N	**3.5**	**30**	**2.5**	**0.021**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-11	RISB-11-(34-35')	3/25/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.6 U	1.5 U	10 U	1.5 U	0.05 U

Table 2
Building C-19 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Metals				TPH		VOCs											
Analyte:				Arsenic	Chromium, Total	Lead	Mercury	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Carbon Disulfide	cis-1,2-Dichloroethene	Methyl Ethyl Ketone	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	7439-92-1	7439-97-6	PHC_C12-C24	PHC_C24-C40	71-55-6	75-34-3	75-35-4	67-64-1	75-15-0	156-59-2	78-93-3	75-09-2	127-18-4	156-60-5	79-01-6	75-01-4
Project SL:				7	42	150	0.10	2,000	2,000	84	2.6	2.5	2,100	250	5.2	1,400	1.5	2.8	32	1.5	0.09
MTCA Method C SL:				90						7×10^9	2.3×10^7	1.8×10^8	3.2×10^9	3.5×10^8	7×10^6	2.1×10^9	2.1×10^7	2.1×10^7	7×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																		
RISB-11	RISB-11-(16-17')	3/25/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-54	RISB-54-(8-9')	3/18/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-55	RISB-55-(7-8')	3/18/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	**7.2**	0.05 U
RISB-56	RISB-56-(24-25')	9/3/2019	N	--	--	--	--	--	--	49 U	53 U	2.4 U	100 U	54 U	**240**	78 U	110 U	3.7 U	53 U	**7500**	2.3 U
RISB-56	RISB-56-(15-16')	9/3/2019	N	--	--	--	--	--	--	58 U	63 U	2.8 U	120 U	64 U	**190**	92 U	130 U	4.3 U	62 U	**10000**	2.7 U
RISB-57	RISB-57-(7.5-8.5')	9/3/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.6 U	1.5 U	10 U	1.5 U	0.05 U
RISB-57	RISB-57-(21.5-22.5')	9/3/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.6 U	1.5 U	10 U	1.5 U	0.05 U
RISB-58	RISB-58-(24-25')	9/3/2019	N	--	--	--	--	--	--	10 U	1.5 U	**2.0**	50 U	10 U	**10**	50 U	1.6 U	1.5 U	10 U	**890**	**0.53**
RISB-58	RISB-58-(7-8')	9/3/2019	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	**4.1**	50 U	1.9 U	1.5 U	10 U	1.5 U	**0.41**
RISB-69	RISB-69-(9-10')	12/1/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-69	RISB-69-(19-20')	12/1/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	**2.5**	1.5 U	10 U	1.5 U	0.05 U
RISB-69	RISB-69-(29-30')	12/1/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-70	RISB-70-(9-10')	11/30/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-70	RISB-70-(19-20')	11/30/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.7 U	1.5 U	10 U	1.5 U	0.05 U
RISB-70	RISB-70-(29-30')	11/30/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-71	DUP-SOIL-221201	12/1/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	**14**	**0.11**
RISB-71	RISB-71-(9-10')	12/1/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	1.5 U	1.5 U	10 U	**11**	**0.079**
RISB-71	RISB-71-(19-20')	12/1/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	**3.4**	1.5 U	10 U	1.5 U	**0.068**
RISB-71	RISB-71-(29-30')	12/2/2022	N	--	--	--	--	--	--	10 U	1.5 U	1.5 U	50 U	10 U	1.5 U	50 U	**2.9**	1.5 U	10 U	1.5 U	0.05 U
SCPWD-2	SCPWD-2-SO-11.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**69.4**	--
SCPWD-2	SCPWD-2-SO-16.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	**62.5**	--	--	--	--	**1050**	--
SCPWD-2	SCPWD-2-SO-8.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**64.9**	--
SCPWD-3	SCPWD-3-SO-11.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**1350**	--
SCPWD-3	SCPWD-3-SO-13.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**463**	--
SCPWD-3	SCPWD-3-SO-16.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**99.8**	--
SCPWD-3	SCPWD-3-SO-18.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	50 U	--
SCPWD-3	SCPWD-3-SO-21.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**1990**	--
SCPWD-3	SCPWD-3-SO-23.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**2100**	--

Table 2
Building C-19 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Metals				TPH		VOCs											
Analyte:				Arsenic	Chromium, Total	Lead	Mercury	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Carbon Disulfide	cis-1,2-Dichloroethene	Methyl Ethyl Ketone	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	7439-92-1	7439-97-6	PHC_C12-C24	PHC_C24-C40	71-55-6	75-34-3	75-35-4	67-64-1	75-15-0	156-59-2	78-93-3	75-09-2	127-18-4	156-60-5	79-01-6	75-01-4
Project SL:				7	42	150	0.10	2,000	2,000	84	2.6	2.5	2,100	250	5.2	1,400	1.5	2.8	32	1.5	0.09
MTCA Method C SL:				90						7×10^9	2.3×10^7	1.8×10^8	3.2×10^9	3.5×10^8	7×10^6	2.1×10^9	2.1×10^7	2.1×10^7	7×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																		
SCPWD-3	SCPWD-3-SO-28.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**4300**	--
SCPWD-3	SCPWD-3-SO-33.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	**50**	--	--	--	--	**1250**	--
SCPWD-3	SCPWD-3-SO-8.5-19961223	12/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	**1720**	--
SCPWD-4	SCPWD-4-SO-13.5-19961213	12/13/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	50 U	--
SCPWD-4	SCPWD-4-SO-18.5-19961213	12/13/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	50 U	--
SCPWD-4	SCPWD-4-SO-8.5-19961213	12/13/1996	N	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	50 U	--
SU2-FL-0.8	SU2-FL-0.8-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	0 U	0 U	**110**	0 U	**44**	0 U	**41**	0 U	0 U	**4700**	0 U
SU2-NE-0.8	SU2-NE-0.8-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	0 U	0 U	**59**	0 U	**57**	0 U	**86**	0 U	0 U	**4400**	0 U
SU2-NW-0.8	SU2-NW-0.8-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	0 U	0 U	**78**	0 U	**19**	0 U	**78**	0 U	0 U	**1900**	0 U
SU-FL-0.5	SU-FL-0.5-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	**47**	**6.9**	0 U	0 U	**47**	**14**	0 U	0 U	**2.6**	**2300**	0 U
SU-FL-1.0	SU-FL-1.0-SO-19950727	7/27/1995	N	--	--	--	--	--	--	**29**	**73**	0 U	**220**	0 U	**100**	0 U	**28**	0 U	0 U	**3200**	0 U
SU-NE-0.4	SU-NE-0.4-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	**13**	**1.2**	0 U	**1.6**	**31**	0 U	0 U	**2.2**	**2.1**	**8900**	0 U
SU-NE-1.0	SU-NE-1.0-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	**24**	0 U	**56**	0 U	**53**	0 U	0 U	0 U	0 U	**10000**	0 U
SU-NW-0.5	SU-NW-0.5-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	0 U	0 U	0 U	0 U	**54**	0 U	0 U	0 U	0 U	**4400**	0 U
SU-NW-1.0	SU-NW-1.0-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	0 U	0 U	**87**	0 U	**47**	0 U	0 U	0 U	0 U	**4100**	0 U
SU-SE-0.5	SU-SE-0.5-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	**1.2**	0 U	0 U	0 U	**46**	0 U	0 U	0 U	0 U	**1700**	0 U
SU-SE-1.1	SU-SE-1.1-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	0 U	0 U	0 U	0 U	**6.7**	0 U	0 U	0 U	0 U	**69**	0 U
SU-SW-0.5	SU-SW-0.5-SO-19950727	7/27/1995	N	--	--	--	--	--	--	**1.1**	0 U	0 U	0 U	0 U	**8.7**	0 U	0 U	0 U	0 U	**160**	0 U
SU-SW-1.0	SU-SW-1.0-SO-19950727	7/27/1995	N	--	--	--	--	--	--	0 U	**17**	**4.8**	0 U	0 U	**53**	**7.4**	0 U	0 U	**1.9**	**5700**	**4.7**

Notes:

Bold text indicates detected analyte.

Blue shading = exceeds project SL

Yellow shading = location sampled as part of RI

Abbreviations and Acronyms:

-- = not analyzed
CAS = Chemical Abstracts Service
FD = field duplicate
ID = identification
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
MTCA = Model Toxics Control Act
N = primary sample
RI = remedial investigation
RN = registry number
SL = screening level
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

Table 3
Building C-20, C-21, C-22 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Metals					TPH			TPH with SGC		VOCs					
Analyte:				Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Carbon Disulfide	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	16065-83-1	7439-92-1	7439-97-6	PHC_C5-C12	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40	75-15-0	156-59-2	75-09-2	127-18-4	79-01-6	75-01-4
Project SL:				7	42	24000	150	0.10	100	2000	2000	2000	2000	250	5.2	1.5	2.8	1.5	0.09
MTCA Method C SL:				90		5.3×10^6								3.5×10^8	7×10^6	2.1×10^7	2.1×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																
LAI-10	LAI-10 (1)_20170502	5/2/2017	N	--	--	--	--	--	--	120 U	**4200**	--	**--**	--	--	--	--	--	--
LAI-12	LAI-12 (3)_20170502	5/2/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
LAI-17	LAI-17 (1.7)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	10 U	20 U	10 U	10 U	10 U
LAI-18	LAI-18 (1.8)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	10 U	20 U	10 U	10 U	10 U
LAI-19	LAI-19 (2.4)_20171005	10/5/2017	N	--	--	--	--	--	--	**47**	50 U	**--**	--	10 U	10 U	20 U	10 U	10 U	10 U
LAI-20	LAI-20 (1.2)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	10 U	20 U	10 U	10 U	10 U
LAI-21	LAI-21 (1.5)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	**52**	--	**--**	10 U	10 U	20 U	10 U	10 U	10 U
LAI-22	LAI-22 (1.5)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	10 U	20 U	10 U	10 U	10 U
LAI-24	LAI-24 (10.75)_20171009	10/9/2017	N	--	--	--	--	--	--	25 U	**320**	--	**--**	10 U	10 U	20 U	10 U	10 U	10 U
LAI-25	LAI-25 (15.0)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	**320**	20 U	10 U	**4000**	10 U
LAI-26	LAI-26 (6.5)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	**80**	--	**--**	10 U	10 U	20 U	10 U	**40**	10 U
LAI-26	LAI-26 (9.5)_20171005	10/5/2017	N	--	--	--	--	--	--	--	--	--	--	10 U	**21**	20 U	10 U	**1400**	10 U
LAI-27	LAI-27 (8)_20171006	10/6/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	**19**	20 U	10 U	**3800**	10 U
RIGW-100	RIGW-100-S-12-13	6/4/2024	N	--	**24**	**24**	--	--	--	--	--	--	--	--	--	--	--	--	--
RIGW-100	RIGW-100-S-19-20	6/4/2024	N	--	**28**	**28**	--	--	--	--	--	--	--	--	--	--	--	--	--
RIGW-103	RIGW-103-S-39-40	6/5/2024	N	--	--	--	--	--	3 U	--	--	25 U	50 U	10 U	1.5 U	**7.0**	1.5 U	1.5 U	0.05 U
RIGW-103	RIGW-103-S-26-27	6/5/2024	N	--	--	--	--	--	3 U	--	--	25 U	50 U	10 U	1.5 U	**11 J**	1.5 U	1.5 U	0.05 U
RIGW-104	RIGW-104-S-31-32	6/4/2024	N	--	--	--	--	--	--	--	--	25 UJ	50 UJ	10 UJ	1.5 UJ	**16 J**	1.5 UJ	1.5 UJ	0.05 UJ
RIGW-104	RIGW-104-S-39-40	6/4/2024	N	--	--	--	--	--	--	--	--	25 UJ	50 UJ	10 UJ	1.5 UJ	**6.5 J**	1.5 UJ	1.5 UJ	0.05 UJ
RISB-07	DUP-SOIL-190328	3/28/2019	FD	--	--	--	--	--	--	25 U	50 U	--	--	10 U	1.5 U	1.6 U	1.5 U	1.5 U	**0.081**
RISB-07	RISB-07-(14.5-15.5')	3/28/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	1.5 U	1.7 U	1.5 U	1.5 U	**0.11**
RISB-07	RISB-07-(29-30')	3/28/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.6 U	1.5 U	1.5 U	0.05 U
RISB-105	RISB-105-S-9-10	5/24/2024	N	--	**21**	**21**	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-105	RISB-105-S-29-30	5/24/2024	N	--	**24**	**24**	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-106	RISB-106-S-24-25	5/24/2024	N	--	**26**	**26**	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-113	RISB-113-S-11-12	5/22/2024	N	--	--	--	--	--	3 U	--	--	25 U	50 U	--	--	--	--	--	--
RISB-113	RISB-113-S-21-22	5/22/2024	N	--	--	--	--	--	3 U	--	--	25 U	50 U	--	--	--	--	--	--
RISB-113	RISB-113-S-29-30	5/22/2024	N	--	--	--	--	--	3 U	--	--	25 U	50 U	--	--	--	--	--	--

Table 3
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Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Metals					TPH			TPH with SGC		VOCs					
Analyte:				Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Carbon Disulfide	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	16065-83-1	7439-92-1	7439-97-6	PHC_C5-C12	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40	75-15-0	156-59-2	75-09-2	127-18-4	79-01-6	75-01-4
Project SL:				7	42	24000	150	0.10	100	2000	2000	2000	2000	250	5.2	1.5	2.8	1.5	0.09
MTCA Method C SL:				90		5.3×10^6								3.5×10^8	7×10^6	2.1×10^7	2.1×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																
RISB-114	RISB-114-S-6-7	5/20/2024	N	--	--	--	--	--	3 U	--	--	25 U	50 U	10 U	1.5 U	**8.2**	1.5 U	1.5 U	0.05 U
RISB-114	RISB-114-S-19-20	5/20/2024	N	--	--	--	--	--	3 U	--	--	25 U	50 U	10 U	**2.4**	**5.7**	1.5 U	1.5 U	0.05 U
RISB-115	RISB-115-S-6-7	5/23/2024	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	**15**	1.5 U	1.5 U	0.05 U
RISB-115	RISB-115-S-34-35	5/23/2024	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	**4.2**	1.5 U	1.5 U	0.05 U
RISB-12	RISB-12-(19-20')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.6 U	1.5 U	1.5 U	0.05 U
RISB-12	RISB-12-(10-10.5')	3/29/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
RISB-12	RISB-12-(24-25')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-12	RISB-12-(41.5-42.5')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-13	RISB-13-(10-11')	3/19/2019	N	**2.8**	**34**	--	**2.6**	**0.026**	--	25 U	50 U	--	--	10 U	**700**	1.5 U	**4.2**	**40000**	**6.9**
RISB-13	RISB-13-(12.5-13')	3/20/2019	N	**2.2**	**43**	--	**1.9**	0.02 U	--	25 U	50 U	--	--	**16**	**420**	1.7 U	1.5 U	**14000**	**1.4**
RISB-14	DUP-SOIL-190401	4/1/2019	FD	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.6 U	1.5 U	1.5 U	0.05 U
RISB-14	RISB-14-(9-10')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	**4.2**	0.05 U
RISB-14	RISB-14-(19-20')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.8 U	1.5 U	1.5 U	0.05 U
RISB-14	RISB-14-(44-45')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-15	RISB-15-(34-35')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	**1.6**	0.05 U
RISB-15	RISB-15-(17-18')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	**3.3**	1.6 U	1.5 U	**4200**	**0.056**
RISB-15	RISB-15-(9-10')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	**2.7**	1.6 U	1.5 U	**4400**	0.05 U
RISB-15	RISB-15-(13-14')	3/21/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
RISB-16	RISB-16-(4-5')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.6 U	1.5 U	1.5 U	0.05 U
RISB-16	RISB-16-(19-20')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-17	RISB-17-(34-35')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-17	RISB-17-(18-19')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-17	RISB-17-(44-45')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-18	RISB-18-(2.5-3.5')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-18	RISB-18-(9-10')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	**7.6**	**0.26**
RISB-18	RISB-18-(19-20')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-19	RISB-19-(14-15')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	**0.12**
RISB-19	RISB-19-(8.5-9.5')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	**2.9**	1.5 U	1.5 U	**5.9**	**0.10**

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Analyte Group:				Metals					TPH			TPH with SGC		VOCs					
Analyte:				Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Carbon Disulfide	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	16065-83-1	7439-92-1	7439-97-6	PHC_C5-C12	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40	75-15-0	156-59-2	75-09-2	127-18-4	79-01-6	75-01-4
Project SL:				7	42	24000	150	0.10	100	2000	2000	2000	2000	250	5.2	1.5	2.8	1.5	0.09
MTCA Method C SL:				90		5.3×10^6								3.5×10^8	7×10^6	2.1×10^7	2.1×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																
RISB-19	RISB-19-(1.5-2')	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	88 U	**660**	180 U	6 U	6.2 U	**8.6**
RISB-20	RISB-20-(6.5-7.5')	3/27/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.6 U	1.5 U	1.5 U	0.05 U
RISB-21	RISB-21-(12.5-13.5')	3/28/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	**630**	1.5 U	1.5 U	**9500**	**0.81**
RISB-21	RISB-21-(19-20')	3/28/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	**560**	1.6 U	1.5 U	**5200**	**0.76**
RISB-22	RISB-22-(1-2')	3/28/2019	N	--	--	--	--	--	--	**1400**	**1900**	**--**	**--**	--	--	--	--	--	--
RISB-22	RISB-22-(6.5-7.5')	3/28/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	**9.1**	1.5 U	1.5 U	1.5 U	**1.4**
RISB-22	RISB-22-(19-20')	3/28/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.6 U	1.5 U	1.5 U	0.05 U
RISB-23	RISB-23-(14-15')	3/28/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	**4.8**	1.6 U	1.5 U	**9.2**	**0.071**
RISB-23	RISB-23-(19-20')	3/28/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-24	RISB-24-(2-3')	3/20/2019	N	**3.2**	**28**	--	**2.2**	**0.026**	--	25 U	50 U	--	--	10 U	**1.5**	1.5 U	1.5 U	**6.8**	**0.090**
RISB-25	RISB-25-(2-3')	3/20/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-26	RISB-26-(2-3')	4/2/2019	N	**3.2**	**31**	--	**2.1**	**0.021**	--	25 U	50 U	--	--	--	--	--	--	--	--
RISB-26	RISB-26-(6-7')	4/2/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	**7.4**	0.05 U
RISB-26	RISB-26-(24-25')	4/2/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	**0.094**
RISB-27	RISB-27-(2-3')	4/2/2019	N	**3.2**	**39**	--	**3.8**	**0.027**	--	25 U	**100**	--	**--**	--	--	--	--	--	--
RISB-27	RISB-27-(44-45')	4/2/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-27	RISB-27-(39-40')	4/2/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.6 U	1.5 U	1.5 U	0.05 U
RISB-28	RISB-28-(11-12')	3/19/2019	N	**2.8**	**37**	--	**2.9**	**0.021**	3 U	25 U	50 U	--	--	10 U	**23**	1.6 U	1.5 U	**28**	**0.13**
RISB-28	RISB-28-(0.7-1.7')	3/19/2019	N	**2.7**	**32**	--	**3.5**	**0.021**	**4.2**	250 U	**7300**	--	**--**	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-49	RISB-49-(6-7')	3/20/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	**2.6**	1.6 U	1.5 U	**8.6**	**0.39**
RISB-49	RISB-49-(24-25')	3/20/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-50	RISB-50-(24-25')	3/18/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-50	RISB-50-(13.5-14.5')	3/18/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	**370**	1.5 U	1.5 U	**3600**	**1.1**
RISB-59	RISB-59-(19-20')	8/27/2019	N	--	--	--	--	--	3 U	25 U	50 U	--	--	10 U	1.5 U	1.7 U	1.5 U	1.5 U	0.05 U
RISB-59	RISB-59-(12.5-13.5')	8/27/2019	N	--	--	--	--	--	3 U	25 U	50 U	--	--	10 U	1.5 U	1.7 U	1.5 U	1.5 U	0.05 U
RISB-60	RISB-60-(6.5-7.5')	8/26/2019	N	--	--	--	--	--	3 U	25 U	50 U	--	--	10 U	1.5 U	1.5 U	1.5 U	**6.3**	**0.17**
RISB-60	RISB-60-(24-25')	8/26/2019	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-69	RISB-69-(9-10')	12/1/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U

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CAS RN:				7440-38-2	7440-47-3	16065-83-1	7439-92-1	7439-97-6	PHC_C5-C12	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40	75-15-0	156-59-2	75-09-2	127-18-4	79-01-6	75-01-4
Project SL:				7	42	24000	150	0.10	100	2000	2000	2000	2000	250	5.2	1.5	2.8	1.5	0.09
MTCA Method C SL:				90		5.3×10^6								3.5×10^8	7×10^6	2.1×10^7	2.1×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																
RISB-69	RISB-69-(19-20')	12/1/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	**2.5**	1.5 U	1.5 U	0.05 U
RISB-69	RISB-69-(29-30')	12/1/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-70	RISB-70-(9-10')	11/30/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-70	RISB-70-(19-20')	11/30/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.7 U	1.5 U	1.5 U	0.05 U
RISB-70	RISB-70-(29-30')	11/30/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	1.5 U	0.05 U
RISB-71	DUP-SOIL-221201	12/1/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	**14**	**0.11**
RISB-71	RISB-71-(9-10')	12/1/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	1.5 U	1.5 U	**11**	**0.079**
RISB-71	RISB-71-(19-20')	12/1/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	**3.4**	1.5 U	1.5 U	**0.068**
RISB-71	RISB-71-(29-30')	12/2/2022	N	--	--	--	--	--	--	--	--	--	--	10 U	1.5 U	**2.9**	1.5 U	1.5 U	0.05 U
RISG-204	RISG-204-S-1.2-2.5	6/17/2024	N	--	--	--	--	--	3 U	25 U	50 U	--	--	--	--	--	--	--	--
RISG-205	RISG-205-S-4-5	6/17/2024	N	--	--	--	--	--	3 U	25 U	50 U	--	--	--	--	--	--	--	--

Notes:

Bold text indicates detected analyte**.**

Blue shading = exceeds project SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

UJ = The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

Abbreviations and Acronyms:

-- = not analyzed
CAS = Chemical Abstracts Service
FD = field duplicate
ID = identification
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
MTCA = Model Toxics Control Act
N = primary sample
RI = remedial investigation
RN = registry number
SGC = silica-gel cleanup
SL = screening level
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

Table 4
Building C-23 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Metals						TPH		TPH with SGC		VOCs					
Analyte:				Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Zinc	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,2-Dichloroethane	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-66-6	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40	107-06-2	156-59-2	75-09-2	156-60-5	79-01-6	75-01-4
Project SL:				7	42	24000	150	0.10		2000	2000	2000	2000	1.6	5.2	1.5	32	1.5	0.09
MTCA Method C SL:				90		5.3×10^6								1.4×10^6	7×10^6	2.1×10^7	7×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																
DW3	DW3-SO-136-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	10 U	10 U	--
DW3	DW3-SO-151-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	10 U	10 U	--
DW3	DW3-SO-36-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	10 U	10 U	--
DW3	DW3-SO-66-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	10 U	10 U	--
DW3	DW3-SO-7-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	10 U	10 U	--
DW3	DW3-SO-76-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	10 U	--	10 U	10 U	--
LAI-03a	LAI-3A (3)_20170502	5/2/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
LAI-05	LAI-5 (9)_20170502	5/2/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
LAI-07	LAI-7 (1)_20170503	5/3/2017	N	--	--	--	--	--	--	--	--	25 U	**76**	--	--	--	--	--	--
LAI-13	LAI-13 (1.2)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	**460**	--	**--**	10 U	10 U	20 U	10 U	10 U	10 U
LAI-14	LAI-14 (1.2)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	10 U	20 U	10 U	10 U	10 U
LAI-15	LAI-15 (1.7)_20171005	10/5/2017	N	--	--	--	--	--	--	**27**	**70**	**--**	**--**	10 U	10 U	20 U	10 U	10 U	10 U
LAI-16	LAI-16 (2.1)_20171005	10/5/2017	N	--	--	--	--	--	--	250 U	**6900**	--	**--**	10 U	10 U	20 U	10 U	10 U	10 U
LAI-23	LAI-23 (16.5)_20171005	10/5/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	**36**	20 U	10 U	10 U	10 U
LAI-28	LAI-28 (17.75)_20171006	10/9/2017	N	--	--	--	--	--	--	25 U	50 U	--	--	10 U	10 U	20 U	10 U	10 U	10 U
RISB-104	RISB-104-S-6-7	5/20/2024	N	--	--	--	--	--	--	--	--	25 U	50 U	1.5 U	1.5 U	**8.8**	10 U	1.5 U	0.05 U
RISB-104	RISB-104-S-24-25	5/21/2024	N	--	--	--	--	--	--	--	--	25 U	50 U	1.5 U	1.5 U	**18**	10 U	1.5 U	0.05 U
RISB-107	RISB-107-S-26-27	5/28/2024	N	--	--	--	--	--	--	--	--	--	--	1.5 U	**9.3**	**7.3**	10 U	1.5 U	**3.9**
RISB-107	RISB-107-S-49-50	5/28/2024	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	**7.9**	10 U	1.5 U	0.05 U
RISB-108	RISB-108-S-29-30	5/30/2024	N	--	--	--	--	--	--	--	--	--	--	1.5 U	**280**	**10**	**320**	**5000**	**0.44**
RISB-108	RISB-108-S-49-50	5/30/2024	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	**7.2**	10 U	1.5 U	0.05 U
RISB-109	RISB-109-S-29-30	5/23/2024	N	**2.7**	**22**	--	**2.0**	**0.024**	**27**	--	--	25 U	50 U	1.5 U	1.5 U	**14**	10 U	1.5 U	0.05 U
RISB-109	RISB-109-S-5-6	5/23/2024	N	**2.9**	**20**	--	**1.8**	**0.021**	**25**	--	--	25 U	50 U	1.5 U	1.5 U	**17**	10 U	1.5 U	0.05 U
RISB-110	RISB-110-S-16-17	5/23/2024	N	**2.8**	**29**	--	**2.7**	**0.027**	**34**	--	--	25 U	50 U	1.5 U	1.5 U	**7.1**	10 U	1.5 U	0.05 U
RISB-110	RISB-110-S-29-30	5/23/2024	N	**2.8**	**24**	--	**2.2**	**0.023**	**31**	--	--	25 U	50 U	1.5 U	1.5 U	**7.3**	10 U	1.5 U	0.05 U
RISB-14	DUP-SOIL-190401	4/1/2019	FD	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RISB-14	RISB-14-(9-10')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	**4.2**	0.05 U
RISB-14	RISB-14-(19-20')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.8 U	10 U	1.5 U	0.05 U

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Analyte Group:				Metals						TPH		TPH with SGC		VOCs					
Analyte:				Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Zinc	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,2-Dichloroethane	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-66-6	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40	107-06-2	156-59-2	75-09-2	156-60-5	79-01-6	75-01-4
Project SL:				7	42	24000	150	0.10		2000	2000	2000	2000	1.6	5.2	1.5	32	1.5	0.09
MTCA Method C SL:				90		5.3×10^6								1.4×10^6	7×10^6	2.1×10^7	7×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																
RISB-14	RISB-14-(44-45')	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-15	RISB-15-(34-35')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	**1.6**	0.05 U
RISB-15	RISB-15-(17-18')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	**3.3**	1.6 U	10 U	**4200**	**0.056**
RISB-15	RISB-15-(9-10')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	**2.7**	1.6 U	10 U	**4400**	0.05 U
RISB-15	RISB-15-(13-14')	3/21/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
RISB-29	DUP-SOIL-190319	3/19/2019	FD	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	**430**	1.5 U	**370**	**3100**	**0.24**
RISB-29	RISB-29-(11-12')	3/19/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	**500**	1.5 U	**24**	**3600**	**0.18**
RISB-29	RISB-29-(24-25')	3/19/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.9 U	10 U	1.5 U	0.05 U
RISB-30	RISB-30-(19-20')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.8 U	10 U	1.5 U	**0.061**
RISB-30	RISB-30-(9-10')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-31	DUP-SOIL-190322	3/22/2019	FD	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RISB-31	RISB-31-(14-15')	3/22/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RISB-31	RISB-31-(6.5-7.5')	3/22/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.7 U	10 U	1.5 U	0.05 U
RISB-31	RISB-31-(2-3')	3/22/2019	N	**3.6**	**29**	--	**3.2**	**0.024**	--	--	--	--	--	--	--	--	--	--	--
RISB-32	RISB-32-(14-15')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-32	RISB-32-(4-5')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-32	RISB-32-(6-7')	3/22/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
RISB-33	RISB-33-(2.5-3.5')	3/15/2019	N	**2.5**	**29**	--	**2.8**	0.02 U	--	25 U	50 U	--	--	1.5 U	1.5 U	1.7 U	10 U	1.5 U	0.05 U
RISB-33	RISB-33-(9-10')	3/15/2019	N	**3.2**	**32**	--	**2.6**	**0.020**	--	25 U	50 U	--	--	1.5 U	1.5 U	1.7 U	10 U	1.5 U	0.05 U
RISB-34	RISB-34-(2-3')	3/15/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
RISB-34	RISB-34-(5-6')	3/15/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-35	RISB-35-(3.5-4.5')	3/14/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-36	RISB-36-(19-20')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	2 U	10 U	1.5 U	0.05 U
RISB-36	RISB-36-(9-10')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-36	RISB-36-(6-7')	3/21/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	--	--	--	--	--	--
RISB-37	RISB-37-(0.5-1.5')	3/15/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-37	RISB-37-(9-10')	3/15/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RISB-38	RISB-38-(9-10')	3/13/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U

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				Analyte Group:	Metals						TPH		TPH with SGC		VOCs					
				Analyte:	Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Zinc	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,2-Dichloroethane	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
				CAS RN:	7440-38-2	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-66-6	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40	107-06-2	156-59-2	75-09-2	156-60-5	79-01-6	75-01-4
				Project SL:	7	42	24000	150	0.10		2000	2000	2000	2000	1.6	5.2	1.5	32	1.5	0.09
				MTCA Method C SL:	90		5.3×10^6								1.4×10^6	7×10^6	2.1×10^7	7×10^7	1.8×10^6	9×10^4
				Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																	
RISB-39	RISB-39-(11-12')	3/20/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-39	RISB-39-(24-25')	3/20/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-40	RISB-40-(19-20')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-40	RISB-40-(9-10')	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-40	RISB-40-(2-3')	3/21/2019	N	**2.6**	**31**	--	**2.9**	**0.024**	--	--	--	--	--	--	--	--	--	--	--	--
RISB-47	RISB-47-(6.5-7.5')	4/5/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	**630**	1.5 U	**10**	**9600**	**0.55**
RISB-47	RISB-47-(27-28')	4/5/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-48	RISB-48-(5.5-6.5')	4/5/2019	N	**2.1**	**31**	--	**1.7**	0.02 U	--	25 U	50 U	--	--	1.5 U	**1000**	2.2 U	10 U	**810**	**6.7**
RISB-48	RISB-48-(9-10')	4/5/2019	N	**2.5**	**450**	--	**1.8**	0.02 U	--	25 U	50 U	--	--	**10**	**690**	1.5 U	**27**	**2700**	**6.1**
RISB-48	RISB-48-(14-15')	4/5/2019	N	**2.8**	**36**	--	**2.2**	0.02 U	--	25 U	50 U	--	--	1.5 U	1.5 U	**4.3**	10 U	**1.5**	0.05 U
RISB-51	RISB-51-(24-25')	3/19/2019	N	**2.7**	**24**	--	**1.7**	0.02 U	--	25 U	50 U	--	--	1.5 U	**9.7**	1.5 U	10 U	1.5 U	**0.38**
RISB-51	RISB-51-(7.5-8.5')	3/19/2019	N	**3.2**	**29**	--	**2.3**	0.02 U	--	25 U	50 U	--	--	1.5 U	**1100**	1.5 U	**11**	**33**	**1.3**
RISB-52	RISB-52-(19-20')	3/22/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-52	RISB-52-(10.5-11.5')	3/22/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.7 U	10 U	1.5 U	**0.10**
RISB-52	RISB-52-(1.5-2.5')	3/22/2019	N	**3.4**	**36**	--	**3.4**	0.02 U	--	--	--	--	--	--	--	--	--	--	--
RISB-53	RISB-53-(2-3')	3/14/2019	N	**2.7**	**34**	--	**2.5**	0.02 U	--	120 U	**2100**	--	**--**	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-53	RISB-53-(9-10')	3/14/2019	N	**3.1**	**29**	--	**2.3**	0.02 U	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-59	RISB-59-(19-20')	8/27/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.7 U	10 U	1.5 U	0.05 U
RISB-59	RISB-59-(12.5-13.5')	8/27/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.7 U	10 U	1.5 U	0.05 U
RISB-60	RISB-60-(6.5-7.5')	8/26/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	**6.3**	**0.17**
RISB-60	RISB-60-(24-25')	8/26/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-61	RISB-61-(29-30')	8/27/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-61	RISB-61-(6.5-7.5')	8/27/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	**6.1**	1.8 U	10 U	1.5 U	**0.31**
RISB-62	RISB-62-(24-25')	8/27/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RISB-62	RISB-62-(14-15')	8/27/2019	N	--	--	--	--	--	--	25 U	50 U	--	--	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RISB-63	RISB-63-(19-20')	8/27/2019	N	**3.2**	**31**	**31**	**2.7**	**0.025**	--	25 U	50 U	--	--	1.5 U	1.5 U	1.8 U	10 U	1.5 U	0.05 U
RISB-63	RISB-63-(29-30')	8/27/2019	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RISB-78	RISB-78-(9-10')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U

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Paine Field – Everett, Washington

Analyte Group:				Metals						TPH		TPH with SGC		VOCs					
Analyte:				Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Zinc	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,2-Dichloroethane	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				7440-38-2	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-66-6	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40	107-06-2	156-59-2	75-09-2	156-60-5	79-01-6	75-01-4
Project SL:				7	42	24000	150	0.10		2000	2000	2000	2000	1.6	5.2	1.5	32	1.5	0.09
MTCA Method C SL:				90		5.3×10^6								1.4×10^6	7×10^6	2.1×10^7	7×10^7	1.8×10^6	9×10^4
Units:				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																
RISB-78	RISB-78-(19-20')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RISB-78	RISB-78-(29-30')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	1.5 UJ	1.5 UJ	1.6 UJ	10 UJ	1.5 UJ	0.05 UJ

Notes:

Bold text indicates detected analyte**.**

Blue shading = exceeds project SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

UJ = The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

Abbreviations and Acronyms:

-- = not analyzed
CAS = Chemical Abstracts Service
FD = field duplicate
ID = identification
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
MTCA = Model Toxics Control Act
N = primary sample
RI = remedial investigation
RN = registry number
SGC = silica-gel cleanup
SL = screening level
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

Table 5
Former Building C-29 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Metals								TPH							VOCs				
				Analyte:	Arsenic	Barium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Petroleum Hydrocarbons as Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as JP-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Total Petroleum Hydrocarbons	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane
				CAS RN:	7440-38-2	7440-39-3	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	PHC_GAS	PHC_C5-C12	PHC_JPA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	TPH	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5
				Project SL:	7		42	24000	150	0.10			100	100	2000	2000	2000	2000	2000	2.6	2.5	72	1.6	1.7
				MTCA Method C SL:	90			5.3×10^6			7×10^4									2.3×10^7	1.8×10^8	3.5×10^7	1.4×10^6	3.5×10^6
				Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																					
B14	B14-15.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B14	B14-22.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B14	B14-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B14	B14-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B14	B14-6-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**61**	--	--	--	--	--
B14	B14-SO-6-20001017	10/17/2000	N	--	--	--	--	--	--	--	--	**810**	--	**530**	25 U	--	--	--	--	--	--	--	--	--
B14	B14-SO-6-20001017-SP	10/17/2000	N	--	--	--	--	--	--	--	--	**113**	--	**210**	**29**	--	--	--	**61**	--	--	--	--	--
B15	B15-10.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B15	B15-12.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B15	B15-15-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B15	B15-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B15	B15-20.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B15	B15-3.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B15	B15-5.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-11.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-13.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-15.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-20.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-27.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-37.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B17	B17-6.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B18	B18-11.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B18	B18-13.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B18	B18-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B18	B18-22.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B18	B18-27.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--

Table 5
Former Building C-29 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Metals								TPH							VOCs				
				Analyte:	Arsenic	Barium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Petroleum Hydrocarbons as Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as JP-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Total Petroleum Hydrocarbons	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane
				CAS RN:	7440-38-2	7440-39-3	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	PHC_GAS	PHC_C5-C12	PHC_JPA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	TPH	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5
				Project SL:	7		42	24000	150	0.10			100	100	2000	2000	2000	2000	2000	2.6	2.5	72	1.6	1.7
				MTCA Method C SL:	90			5.3×10^6			7×10^4									2.3×10^7	1.8×10^8	3.5×10^7	1.4×10^6	3.5×10^6
				Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																					
B18	B18-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B18	B18-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B18	B18-8.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
B18	B18-8-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	25 U	--	25 U	**33**	--	--	**137**	--	--	--	--	--	--
B19	B19-11.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-13.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-16.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-20.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-22.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-25.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B19	B19-8.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B22	B22-10.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B22	B22-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B22	B22-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**101**	--	--	--	--	--	--
B22	B22-7.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--
B22	B22-SO-6.25-20001017	10/17/2000	N	--	--	--	--	--	--	--	--	**1300**	--	**880**	25 U	--	--	--	--	--	--	--	--	--
B22	B22-SO-6.25-20001017_FD-SP	10/17/2000	FD	--	--	--	--	--	--	--	--	**376**	--	--	**18**	--	--	--	--	--	--	--	--	--
B22	B22-SO-6.25-20001017-SP	10/17/2000	N	--	--	--	--	--	--	--	--	**470**	--	**460**	**54**	--	--	**101**	--	--	--	--	--	--
C29-B3	C29-B3-SO-10-19960423	4/23/1996	N	--	--	**23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B3	C29-B3-SO-1-19960423	4/23/1996	N	--	--	**25**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B3	C29-B3-SO-15-19960423	4/23/1996	N	--	--	**18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B3	C29-B3-SO-7.5-19960423	4/23/1996	N	--	--	**23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B4	C29-B4-SO-1-19960423	4/23/1996	N	--	--	**19**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B4	C29-B4-SO-15-19960423	4/23/1996	N	--	--	**19**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B4	C29-B4-SO-2.5-19960423	4/23/1996	N	--	--	**18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5
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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Metals								TPH							VOCs				
				Analyte:	Arsenic	Barium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Petroleum Hydrocarbons as Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as JP-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Total Petroleum Hydrocarbons	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane
				CAS RN:	7440-38-2	7440-39-3	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	PHC_GAS	PHC_C5-C12	PHC_JPA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	TPH	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5
				Project SL:	7		42	24000	150	0.10			100	100	2000	2000	2000	2000	2000	2.6	2.5	72	1.6	1.7
				MTCA Method C SL:	90			5.3×10^6			7×10^4									2.3×10^7	1.8×10^8	3.5×10^7	1.4×10^6	3.5×10^6
				Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																					
C29-B4	C29-B4-SO-7.5-19960423	4/23/1996	N	--	--	**18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-SO-12.5-19960419	4/19/1996	N	--	--	**19**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-SO-15-19960419	4/19/1996	N	--	--	**19**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	400 U	--	--
C29-MW1	C29-MW1-SO-2.5-19960419	4/19/1996	N	--	--	**21**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-SO-5-19960419	4/19/1996	N	--	--	**15**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-SO-10-19960419	4/19/1996	N	--	--	**17**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-SO-15-19960419	4/19/1996	N	--	--	**18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-SO-2.5-19960419	4/19/1996	N	--	--	**20**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-SO-5-19960419	4/19/1996	N	--	--	**19**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP1	C29TP1-SO-1.2-19960411	4/11/1996	N	--	--	**24**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP1	C29TP1-SO-2-19960411	4/11/1996	N	--	--	**23**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP2	C29TP2-SO-1.6-19960411	4/11/1996	N	--	--	**19**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**14**	--	--
C29-TP2	C29TP2-SO-3.5-19960411	4/11/1996	N	--	--	**14**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.40**	--	--
C29-TP3	C29TP3-SO-0.4-19960411	4/11/1996	N	--	--	**16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP3	C29TP3-SO-2-19960411	4/11/1996	N	--	--	**15**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP4	C29TP4-SO-0.8-19960411	4/11/1996	N	--	--	**18**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP4	C29TP4-SO-1.8-19960411	4/11/1996	N	--	--	**13**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP5A	C29TP5A-SO-0.5-19960411	4/11/1996	N	--	--	**760**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP5A	C29TP5A-SO-2.6-19960411	4/11/1996	N	--	--	**16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP6	C29TP6-SO-1.2-19960411	4/11/1996	N	--	--	**20**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP7	C29TP7-SO-1.4-19960411	4/11/1996	N	--	--	**15**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP8	C29TP8-SO-1-19960411	4/11/1996	N	--	--	**25**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW2	DW2-SO-117-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW2	DW2-SO-17-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW2	DW2-SO-27-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW2	DW2-SO-37-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW2	DW2-SO-47-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW2	DW2-SO-57-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5
Former Building C-29 – Detected Constituents in Soil
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TECT Aerospace Cleanup Site
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				Analyte Group:	Metals								TPH							VOCs				
				Analyte:	Arsenic	Barium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Petroleum Hydrocarbons as Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as JP-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Total Petroleum Hydrocarbons	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane
				CAS RN:	7440-38-2	7440-39-3	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	PHC_GAS	PHC_C5-C12	PHC_JPA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	TPH	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5
				Project SL:	7		42	24000	150	0.10			100	100	2000	2000	2000	2000	2000	2.6	2.5	72	1.6	1.7
				MTCA Method C SL:	90			5.3×10^6			7×10^4									2.3×10^7	1.8×10^8	3.5×10^7	1.4×10^6	3.5×10^6
				Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																					
DW2	DW2-SO-7-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW2	DW2-SO-98.5-20001212	12/12/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	B16-10-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW1	B16-12.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW1	B16-23.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW1	B16-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW1	B16-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW2	B20-10.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW2	B20-12.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW2	B20-16.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW2	B20-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW2	B20-22.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW2	B20-3.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW2	B20-5.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW2	B20-7.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW3	B21-13.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW3	B21-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW3	B21-3.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW3	B21-5.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
MW3	B21-7.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--	--	--	--	--
RISB-111	RISB-111-S-29-30	5/22/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2.4**	**2.8**	10 U	1.5 U	1.5 U
RISB-111	RISB-111-S-8-9	5/22/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-112	RISB-112-S-9-10	5/30/2024	N	--	--	**17 J**	**17 J**	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-112	RISB-112-S-29-30	5/30/2024	N	--	--	**24**	**24**	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-112	RISB-112-S-14-15	5/30/2024	N	--	--	**30**	**30**	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	**8.1**	10 U	**3.7**	1.5 U
RISB-116	RISB-116-S-13-14	5/21/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-116	RISB-116-S-28-29	5/21/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-116	RISB-116-S-39-40	5/21/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U

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				Analyte Group:	Metals								TPH							VOCs				
				Analyte:	Arsenic	Barium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Petroleum Hydrocarbons as Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as JP-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Total Petroleum Hydrocarbons	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane
				CAS RN:	7440-38-2	7440-39-3	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	PHC_GAS	PHC_C5-C12	PHC_JPA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	TPH	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5
				Project SL:	7		42	24000	150	0.10			100	100	2000	2000	2000	2000	2000	2.6	2.5	72	1.6	1.7
				MTCA Method C SL:	90			5.3×10^6			7×10^4									2.3×10^7	1.8×10^8	3.5×10^7	1.4×10^6	3.5×10^6
				Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																					
RISB-117	RISB-117-S-1-2	5/22/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-117	RISB-117-S-29-30'	5/22/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-30	RISB-30-(19-20')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-30	RISB-30-(9-10')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-31	DUP-SOIL-190322	3/22/2019	FD	--	--	--	--	--	--	--	--	--	--	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-31	RISB-31-(14-15')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-31	RISB-31-(6.5-7.5')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-31	RISB-31-(2-3')	3/22/2019	N	**3.6**	--	**29**	--	**3.2**	**0.024**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-41	RISB-41-(1-2')	4/4/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	--	--	--	--	--	--
RISB-41	RISB-41-(5.5-6.5')	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-41	RISB-41-(19-20')	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-42	RISB-42-(6.5-7.5')	4/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-42	RISB-42-(19-20')	4/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-42	RISB-42-(11.5-12.5')	4/3/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-43	RISB-43-(3-4')	4/4/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	--	--	--	--	--	--
RISB-43	RISB-43-(6-7')	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-43	RISB-43-(14-15')	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-44	RISB-44-(10.5-11.5')	4/5/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	**20**	1.5 U	
RISB-44	RISB-44-(5-6')	4/5/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	**71**	--	--	--	--	--	--	--
RISB-44	RISB-44-(19-20')	4/5/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-44	DUP-SOIL-190405	4/5/2019	FD	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	**3.1**	10 U	**120**	1.5 U	
RISB-45	RISB-45-(1.5-2')	4/4/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	--	--	--	--	--	--
RISB-45	RISB-45-(14-15')	4/4/2019	N	--	--	--	--	--	--	--	--	--	**32**	--	--	**120**	**290**	--	**1.5**	1.5 U	10 U	**6.4**	**1.5**	
RISB-45	RISB-45-(34-35')	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-46	RISB-46-(7.5-8.5')	4/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	
RISB-46	RISB-46-(3-4')	4/3/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	--	--	--	--	--	--
RISB-46	RISB-46-(29.5-30.5')	4/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	**1.8**	1.5 U	
RISB-46	RISB-46-(39-40')	4/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U	

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				Analyte Group:	Metals								TPH							VOCs				
				Analyte:	Arsenic	Barium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Petroleum Hydrocarbons as Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as JP-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Total Petroleum Hydrocarbons	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane
				CAS RN:	7440-38-2	7440-39-3	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	PHC_GAS	PHC_C5-C12	PHC_JPA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	TPH	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5
				Project SL:	7		42	24000	150	0.10			100	100	2000	2000	2000	2000	2000	2.6	2.5	72	1.6	1.7
				MTCA Method C SL:	90			5.3×10^6			7×10^4									2.3×10^7	1.8×10^8	3.5×10^7	1.4×10^6	3.5×10^6
				Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																					
RISB-47	RISB-47-(6.5-7.5')	4/5/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-47	RISB-47-(27-28')	4/5/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-48	RISB-48-(5.5-6.5')	4/5/2019	N	**2.1**	--	**31**	--	**1.7**	0.02 U	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-48	RISB-48-(9-10')	4/5/2019	N	**2.5**	--	**450**	--	**1.8**	0.02 U	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	**10**	1.5 U
RISB-48	RISB-48-(14-15')	4/5/2019	N	**2.8**	--	**36**	--	**2.2**	0.02 U	--	--	--	--	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-52	RISB-52-(19-20')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-52	RISB-52-(10.5-11.5')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-52	RISB-52-(1.5-2.5')	3/22/2019	N	**3.4**	--	**36**	--	**3.4**	0.02 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-64	RISB-64-(24-25')	8/30/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-64	RISB-64-(10-11')	8/30/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	**180**	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-65	RISB-65-(5-6')	8/29/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-65	RISB-65-(19-20')	8/29/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-66	DUP-SOIL-190829	8/29/2019	FD	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	**2.1**	**2.3**	10 U	1.5 U	1.5 U
RISB-66	RISB-66-(44-45')	8/29/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-66	RISB-66-(9-10')	8/29/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	**2.8**	**2.8**	10 U	1.5 U	1.5 U
RISB-67	RISB-67-(54-55')	8/30/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-67	RISB-67-(14-15')	8/30/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	**1.7**	1.5 U	10 U	1.5 U	1.5 U
RISB-68	RISB-68-(26.5-27.5')	8/28/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	**2.8**	1.5 U
RISB-68	RISB-68-(49-50')	8/28/2019	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	50 U	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-74	RISB-74-(7-8')	11/21/2022	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-74	RISB-74-(19-20')	11/21/2022	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-74	RISB-74-(29-30')	11/21/2022	N	--	--	--	--	--	--	--	--	--	3 U	--	--	25 U	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-75	RISB-75-(7-8')	11/22/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-75	RISB-75-(17-18')	11/22/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-75	RISB-75-(29-30')	11/22/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-76	RISB-76-(9-10')	11/22/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-76	RISB-76-(19-20')	11/22/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	**5.9**	1.5 U
RISB-76	RISB-76-(29-30')	11/22/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U

Table 5
Former Building C-29 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Metals								TPH							VOCs				
				Analyte:	Arsenic	Barium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Petroleum Hydrocarbons as Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as JP-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Total Petroleum Hydrocarbons	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane
				CAS RN:	7440-38-2	7440-39-3	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	PHC_GAS	PHC_C5-C12	PHC_JPA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	TPH	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5
				Project SL:	7		42	24000	150	0.10			100	100	2000	2000	2000	2000	2000	2.6	2.5	72	1.6	1.7
				MTCA Method C SL:	90			5.3×10^6			7×10^4									2.3×10^7	1.8×10^8	3.5×10^7	1.4×10^6	3.5×10^6
				Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																					
RISB-77	RISB-77-(9-10')	11/23/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-77	RISB-77-(19-20')	11/23/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-77	RISB-77-(29-30')	11/23/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-78	RISB-78-(9-10')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-78	RISB-78-(19-20')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-78	RISB-78-(29-30')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 UJ	1.5 UJ	10 UJ	1.5 UJ	1.5 UJ
RISB-79	RISB-79-(9-10')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-79	RISB-79-(19-20')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-79	RISB-79-(29-30')	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-80	DUP-SOIL-221108	11/8/2022	N	**1.7**	--	**29**	--	**1.8**	0.02 U	--	--	--	3 U	--	--	25 U	--	--	1.5 U	1.5 U	10 U	**4.0 J**	1.5 U
RISB-80	RISB-80-(9-10')	11/8/2022	N	**1.7**	--	**34**	--	**2.0**	**0.022**	--	--	--	3 U	--	--	25 U	--	--	1.5 U	1.5 U	10 U	**7.1 J**	1.5 U
RISB-80	RISB-80-(11-12')	11/8/2022	N	**2.8**	**68**	**31**	--	**2.3**	**0.023**	**47**	**44**	--	3 U	--	--	25 U	--	--	1.5 U	**6.5**	10 U	**150**	1.5 U
RISB-80	RISB-80-(24-25')	11/9/2022	N	**3.9**	--	**34**	--	**2.6**	**0.021**	--	--	--	3 U	--	--	25 U	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-80	RISB-80-(34-35')	11/9/2022	N	**3.3**	--	**39**	--	**3.2**	**0.027**	--	--	--	3 U	--	--	25 U	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
RISB-80	RISB-80-(39-40')	11/9/2022	N	**2.9**	--	**35**	--	**2.4**	**0.022**	--	--	--	3 U	--	--	25 U	--	--	1.5 U	1.5 U	10 U	1.5 U	1.5 U
TC-2	TC-2-SO-11.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-2	TC-2-SO-13.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-2	TC-2-SO-16.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-2	TC-2-SO-18.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-2	TC-2-SO-23.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-2	TC-2-SO-8.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-3	TC-3-SO-18.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-3	TC-3-SO-23.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-3	TC-3-SO-28.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TC-3	TC-3-SO-8.5-19961220	12/20/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5
Former Building C-29 – Detected Constituents in Soil
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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs																		
Analyte:				1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Methylene Chloride	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
CAS RN:				108-67-8	99-87-6	67-64-1	71-43-2	156-59-2	100-41-4	98-82-8	179601-23-1	75-09-2	103-65-1	95-47-6	135-98-8	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
Project SL:				71		2100	1.7	5.2	340	790		1.5	880		1300	2.8	270	32	1.5	0.09	830
MTCA Method C SL:				3.5×10^7		3.2×10^9	2.4×10^6	7×10^6	3.5×10^8	3.5×10^8		2.1×10^7	3.5×10^8		3.5×10^8	2.1×10^7	2.8×10^8	7×10^7	1.8×10^6	9×10^4	7×10^8
Units:				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																		
B14	B14-15.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B14	B14-22.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B14	B14-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B14	B14-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B14	B14-6-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B14	B14-SO-6-20001017	10/17/2000	N	--	--	--	**25**	--	**580**	--	--	--	--	--	--	--	25 U	--	--	--	**1400**
B14	B14-SO-6-20001017-SP	10/17/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B15	B15-10.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B15	B15-12.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B15	B15-15-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B15	B15-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B15	B15-20.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B15	B15-3.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B15	B15-5.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-11.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-13.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-15.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-20.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-27.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-37.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B17	B17-6.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B18	B18-11.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B18	B18-13.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B18	B18-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B18	B18-22.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B18	B18-27.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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				Analyte Group:	VOCs																		
				Analyte:	1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Methylene Chloride	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
				CAS RN:	108-67-8	99-87-6	67-64-1	71-43-2	156-59-2	100-41-4	98-82-8	179601-23-1	75-09-2	103-65-1	95-47-6	135-98-8	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
				Project SL:	71		2100	1.7	5.2	340	790		1.5	880		1300	2.8	270	32	1.5	0.09	830
				MTCA Method C SL:	3.5×10^7		3.2×10^9	2.4×10^6	7×10^6	3.5×10^8	3.5×10^8		2.1×10^7	3.5×10^8		3.5×10^8	2.1×10^7	2.8×10^8	7×10^7	1.8×10^6	9×10^4	7×10^8
				Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																			
B18	B18-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B18	B18-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B18	B18-8.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B18	B18-8-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-11.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-13.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-16.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-20.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-22.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-25.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B19	B19-8.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B22	B22-10.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B22	B22-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B22	B22-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B22	B22-7.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B22	B22-SO-6.25-20001017	10/17/2000	N	--	--	--	**25**	--	**780**	--	--	--	--	--	--	--	--	25 U	--	--	--	**1700**
B22	B22-SO-6.25-20001017_FD-SP	10/17/2000	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B22	B22-SO-6.25-20001017-SP	10/17/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B3	C29-B3-SO-10-19960423	4/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B3	C29-B3-SO-1-19960423	4/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B3	C29-B3-SO-15-19960423	4/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B3	C29-B3-SO-7.5-19960423	4/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B4	C29-B4-SO-1-19960423	4/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B4	C29-B4-SO-15-19960423	4/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-B4	C29-B4-SO-2.5-19960423	4/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs																		
Analyte:				1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Methylene Chloride	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
CAS RN:				108-67-8	99-87-6	67-64-1	71-43-2	156-59-2	100-41-4	98-82-8	179601-23-1	75-09-2	103-65-1	95-47-6	135-98-8	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
Project SL:				71		2100	1.7	5.2	340	790		1.5	880		1300	2.8	270	32	1.5	0.09	830
MTCA Method C SL:				3.5×10^7		3.2×10^9	2.4×10^6	7×10^6	3.5×10^8	3.5×10^8		2.1×10^7	3.5×10^8		3.5×10^8	2.1×10^7	2.8×10^8	7×10^7	1.8×10^6	9×10^4	7×10^8
Units:				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																		
C29-B4	C29-B4-SO-7.5-19960423	4/23/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-SO-12.5-19960419	4/19/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-SO-15-19960419	4/19/1996	N	400 U	400 U	--	--	400 U	400 U	400 U	400 U	--	400 U	400 U	400 U	--	400 U	--	**17000**	400 U	--
C29-MW1	C29-MW1-SO-2.5-19960419	4/19/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-SO-5-19960419	4/19/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-SO-10-19960419	4/19/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-SO-15-19960419	4/19/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-SO-2.5-19960419	4/19/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-SO-5-19960419	4/19/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP1	C29TP1-SO-1.2-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP1	C29TP1-SO-2-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP2	C29TP2-SO-1.6-19960411	4/11/1996	N	**6**	**0.84**	--	--	**0.3**	**0.47**	**0.69**	**4.3**	--	**0.91**	**1.7**	**0.26**	--	**0.45**	--	0.2 U	0.2 U	--
C29-TP2	C29TP2-SO-3.5-19960411	4/11/1996	N	0.2 U	0.2 U	--	--	**3.9**	0.2 U	0.2 U	**0.48**	--	0.2 U	0.2 U	0.2 U	--	**0.32**	--	**0.85**	**0.33**	--
C29-TP3	C29TP3-SO-0.4-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP3	C29TP3-SO-2-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP4	C29TP4-SO-0.8-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP4	C29TP4-SO-1.8-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP5A	C29TP5A-SO-0.5-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP5A	C29TP5A-SO-2.6-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP6	C29TP6-SO-1.2-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP7	C29TP7-SO-1.4-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-TP8	C29TP8-SO-1-19960411	4/11/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DW2	DW2-SO-117-20001212	12/12/2000	N	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	10 U	--	--
DW2	DW2-SO-17-20001212	12/12/2000	N	--	--	--	--	**87**	--	--	--	--	--	--	--	--	--	10 U	120 U	--	--
DW2	DW2-SO-27-20001212	12/12/2000	N	--	--	--	--	**200**	--	--	--	--	--	--	--	--	--	10 U	**480**	--	--
DW2	DW2-SO-37-20001212	12/12/2000	N	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	10 U	--	--
DW2	DW2-SO-47-20001212	12/12/2000	N	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	10 U	--	--
DW2	DW2-SO-57-20001212	12/12/2000	N	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	10 U	--	--

Table 5
Former Building C-29 – Detected Constituents in Soil
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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs																	
Analyte:				1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Methylene Chloride	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
CAS RN:				108-67-8	99-87-6	67-64-1	71-43-2	156-59-2	100-41-4	98-82-8	179601-23-1	75-09-2	103-65-1	95-47-6	135-98-8	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
Project SL:				71		2100	1.7	5.2	340	790		1.5	880		1300	2.8	270	32	1.5	0.09	830
MTCA Method C SL:				3.5×10^7		3.2×10^9	2.4×10^6	7×10^6	3.5×10^8	3.5×10^8		2.1×10^7	3.5×10^8		3.5×10^8	2.1×10^7	2.8×10^8	7×10^7	1.8×10^6	9×10^4	7×10^8
Units:				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																		
DW2	DW2-SO-7-20001212	12/12/2000	N	--	--	--	--	**46**	--	--	--	--	--	--	--	--	--	**12**	**380**	--	--
DW2	DW2-SO-98.5-20001212	12/12/2000	N	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	10 U	--	--
MW1	B16-10-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	B16-12.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	B16-23.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	B16-3.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	B16-6.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	B20-10.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	B20-12.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	B20-16.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	B20-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	B20-22.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	B20-3.5-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	B20-5.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	B20-7.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	B21-13.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	B21-17.75-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	B21-3.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	B21-5.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	B21-7.25-19940415	4/15/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-111	RISB-111-S-29-30	5/22/2024	N	10 U	10 U	50 U	1.5 U	**520**	10 U	10 U	--	**27**	10 U	--	10 U	1.5 U	10 U	10 U	**25**	**1.5**	20 U
RISB-111	RISB-111-S-8-9	5/22/2024	N	10 U	10 U	**78 J**	1.5 U	1.5 U	10 U	10 U	--	**18**	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-112	RISB-112-S-9-10	5/30/2024	N	10 U	--	50 U	1.5 U	**1700**	**31**	10 U	--	**7.8**	10 U	--	10 U	1.5 U	10 U	**16**	**2.7**	**190**	20 U
RISB-112	RISB-112-S-29-30	5/30/2024	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	**18**	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-112	RISB-112-S-14-15	5/30/2024	N	10 U	--	50 U	**2.1**	**2700**	10 U	10 U	--	**18**	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	**70**	20 U
RISB-116	RISB-116-S-13-14	5/21/2024	N	10 U	10 U	50 U	1.5 U	1.5 U	10 U	10 U	--	**16**	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-116	RISB-116-S-28-29	5/21/2024	N	10 U	10 U	50 U	1.5 U	1.5 U	10 U	10 U	--	**12**	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-116	RISB-116-S-39-40	5/21/2024	N	10 U	10 U	50 U	1.5 U	1.5 U	10 U	10 U	--	**12**	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U

Table 5
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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs																	
Analyte:				1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Methylene Chloride	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
CAS RN:				108-67-8	99-87-6	67-64-1	71-43-2	156-59-2	100-41-4	98-82-8	179601-23-1	75-09-2	103-65-1	95-47-6	135-98-8	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
Project SL:				71		2100	1.7	5.2	340	790		1.5	880		1300	2.8	270	32	1.5	0.09	830
MTCA Method C SL:				3.5×10^7		3.2×10^9	2.4×10^6	7×10^6	3.5×10^8	3.5×10^8		2.1×10^7	3.5×10^8		3.5×10^8	2.1×10^7	2.8×10^8	7×10^7	1.8×10^6	9×10^4	7×10^8
Units:				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																		
RISB-117	RISB-117-S-1-2	5/22/2024	N	10 U	10 U	**82 J**	1.5 U	1.5 U	10 U	10 U	--	**18**	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-117	RISB-117-S-29-30'	5/22/2024	N	10 U	10 U	50 U	1.5 U	1.5 U	10 U	10 U	--	**21**	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.056 U	20 U
RISB-30	RISB-30-(19-20')	3/22/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.8 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	**0.061**	20 U
RISB-30	RISB-30-(9-10')	3/22/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-31	DUP-SOIL-190322	3/22/2019	FD	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.6 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-31	RISB-31-(14-15')	3/22/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.6 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-31	RISB-31-(6.5-7.5')	3/22/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.7 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-31	RISB-31-(2-3')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-41	RISB-41-(1-2')	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-41	RISB-41-(5.5-6.5')	4/4/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.8 U	10 U	--	10 U	1.5 U	10 U	10 U	**4.2**	0.05 U	20 U
RISB-41	RISB-41-(19-20')	4/4/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	**2.4**	0.05 U	20 U
RISB-42	RISB-42-(6.5-7.5')	4/3/2019	N	10 U	--	50 U	1.5 U	**34**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	**13**	20 U
RISB-42	RISB-42-(19-20')	4/3/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	**0.13**	20 U
RISB-42	RISB-42-(11.5-12.5')	4/3/2019	N	10 U	--	50 U	**2.0**	**820**	10 U	10 U	--	1.7 U	10 U	--	10 U	1.5 U	10 U	10 U	**9.8**	**10**	20 U
RISB-43	RISB-43-(3-4')	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-43	RISB-43-(6-7')	4/4/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.9 U	10 U	--	10 U	1.5 U	10 U	10 U	**3.4**	0.05 U	20 U
RISB-43	RISB-43-(14-15')	4/4/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	**1.8**	0.05 U	20 U
RISB-44	RISB-44-(10.5-11.5')	4/5/2019	N	10 U	--	50 U	1.5 U	**1400**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	**37**	**7000**	**4.0**	20 U
RISB-44	RISB-44-(5-6')	4/5/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-44	RISB-44-(19-20')	4/5/2019	N	10 U	--	50 U	1.5 U	**13**	10 U	10 U	--	1.8 U	10 U	--	10 U	1.5 U	10 U	10 U	**11**	**0.50**	20 U
RISB-44	DUP-SOIL-190405	4/5/2019	FD	10 U	--	50 U	1.5 U	**1000**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	**300**	**5200**	**11**	20 U
RISB-45	RISB-45-(1.5-2')	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-45	RISB-45-(14-15')	4/4/2019	N	10 U	--	50 U	1.5 U	**26**	10 U	10 U	--	1.7 U	10 U	--	10 U	**54000**	10 U	10 U	**230000**	**0.25**	20 U
RISB-45	RISB-45-(34-35')	4/4/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.6 U	10 U	--	10 U	**2.1**	10 U	10 U	**17**	0.05 U	20 U
RISB-46	RISB-46-(7.5-8.5')	4/3/2019	N	10 U	--	50 U	1.5 U	**460**	10 U	10 U	--	1.5 U	10 U	--	10 U	**10**	10 U	10 U	**3500**	**0.75**	20 U
RISB-46	RISB-46-(3-4')	4/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-46	RISB-46-(29.5-30.5')	4/3/2019	N	10 U	--	50 U	1.5 U	**22**	10 U	10 U	--	1.7 U	10 U	--	10 U	1.5 U	10 U	10 U	**20**	**0.52**	20 U
RISB-46	RISB-46-(39-40')	4/3/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	**0.12**	20 U

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Analyte Group:				VOCs																		
Analyte:				1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Methylene Chloride	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
CAS RN:				108-67-8	99-87-6	67-64-1	71-43-2	156-59-2	100-41-4	98-82-8	179601-23-1	75-09-2	103-65-1	95-47-6	135-98-8	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
Project SL:				71		2100	1.7	5.2	340	790		1.5	880		1300	2.8	270	32	1.5	0.09	830
MTCA Method C SL:				3.5×10^7		3.2×10^9	2.4×10^6	7×10^6	3.5×10^8	3.5×10^8		2.1×10^7	3.5×10^8		3.5×10^8	2.1×10^7	2.8×10^8	7×10^7	1.8×10^6	9×10^4	7×10^8
Units:				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																		
RISB-47	RISB-47-(6.5-7.5')	4/5/2019	N	10 U	--	50 U	1.5 U	**630**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	**10**	**9600**	**0.55**	20 U
RISB-47	RISB-47-(27-28')	4/5/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-48	RISB-48-(5.5-6.5')	4/5/2019	N	10 U	--	50 U	1.5 U	**1000**	10 U	10 U	--	2.2 U	10 U	--	10 U	1.5 U	10 U	10 U	**810**	**6.7**	20 U
RISB-48	RISB-48-(9-10')	4/5/2019	N	10 U	--	50 U	1.5 U	**690**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	**27**	**2700**	**6.1**	20 U
RISB-48	RISB-48-(14-15')	4/5/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	**4.3**	10 U	--	10 U	1.5 U	10 U	10 U	**1.5**	0.05 U	20 U
RISB-52	RISB-52-(19-20')	3/22/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-52	RISB-52-(10.5-11.5')	3/22/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.7 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	**0.10**	20 U
RISB-52	RISB-52-(1.5-2.5')	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-64	RISB-64-(24-25')	8/30/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-64	RISB-64-(10-11')	8/30/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-65	RISB-65-(5-6')	8/29/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	2 U	10 U	--	10 U	1.5 U	10 U	10 U	**1.7**	0.05 U	20 U
RISB-65	RISB-65-(19-20')	8/29/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-66	DUP-SOIL-190829	8/29/2019	FD	10 U	--	50 U	1.5 U	**820 J**	10 U	10 U	--	1.5 U	10 U	--	10 U	**2.7**	10 U	10 U	**20000 J**	**0.50**	20 U
RISB-66	RISB-66-(44-45')	8/29/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	**6.8**	0.05 U	20 U
RISB-66	RISB-66-(9-10')	8/29/2019	N	10 U	--	50 U	1.5 U	**480 J**	10 U	10 U	--	1.5 U	10 U	--	10 U	**3.0**	10 U	10 U	**3900 J**	**0.58**	20 U
RISB-67	RISB-67-(54-55')	8/30/2019	N	10 U	--	50 U	1.5 U	**2.7**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	**9.8**	0.05 U	20 U
RISB-67	RISB-67-(14-15')	8/30/2019	N	10 U	--	50 U	1.5 U	**160**	10 U	10 U	--	1.5 U	10 U	--	10 U	**1.7**	10 U	10 U	**7900**	**1.2**	20 U
RISB-68	RISB-68-(26.5-27.5')	8/28/2019	N	10 U	--	50 U	1.5 U	**34 J**	10 U	10 U	--	1.5 U	10 U	--	10 U	**4.3**	10 U	10 U	**7900**	**0.10**	20 U
RISB-68	RISB-68-(49-50')	8/28/2019	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-74	RISB-74-(7-8')	11/21/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.6 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	**0.069**	20 U
RISB-74	RISB-74-(19-20')	11/21/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-74	RISB-74-(29-30')	11/21/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-75	RISB-75-(7-8')	11/22/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-75	RISB-75-(17-18')	11/22/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-75	RISB-75-(29-30')	11/22/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-76	RISB-76-(9-10')	11/22/2022	N	10 U	--	50 U	1.5 U	**2.2**	10 U	10 U	--	1.5 U	10 U	--	10 U	**1.5**	10 U	10 U	**1000**	0.05 U	20 U
RISB-76	RISB-76-(19-20')	11/22/2022	N	10 U	--	50 U	1.5 U	**30**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	**6400**	**0.35**	20 U
RISB-76	RISB-76-(29-30')	11/22/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	**3.2**	0.05 U	20 U

Table 5
Former Building C-29 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs																	
Analyte:				1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Methylene Chloride	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
CAS RN:				108-67-8	99-87-6	67-64-1	71-43-2	156-59-2	100-41-4	98-82-8	179601-23-1	75-09-2	103-65-1	95-47-6	135-98-8	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
Project SL:				71		2100	1.7	5.2	340	790		1.5	880		1300	2.8	270	32	1.5	0.09	830
MTCA Method C SL:				3.5×10^7		3.2×10^9	2.4×10^6	7×10^6	3.5×10^8	3.5×10^8		2.1×10^7	3.5×10^8		3.5×10^8	2.1×10^7	2.8×10^8	7×10^7	1.8×10^6	9×10^4	7×10^8
Units:				µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	Field Sample ID	Sampling Date	Sample Type																		
RISB-77	RISB-77-(9-10')	11/23/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.7 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	**0.11**	20 U
RISB-77	RISB-77-(19-20')	11/23/2022	N	10 U	--	50 U	1.5 U	**12**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	**13**	**0.23**	20 U
RISB-77	RISB-77-(29-30')	11/23/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-78	RISB-78-(9-10')	11/29/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.6 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-78	RISB-78-(19-20')	11/29/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-78	RISB-78-(29-30')	11/29/2022	N	10 UJ	--	50 UJ	1.5 UJ	1.5 UJ	10 UJ	10 UJ	--	1.6 UJ	10 UJ	--	10 UJ	1.5 UJ	10 UJ	10 UJ	1.5 UJ	0.05 UJ	20 UJ
RISB-79	RISB-79-(9-10')	11/29/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-79	RISB-79-(19-20')	11/29/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-79	RISB-79-(29-30')	11/29/2022	N	10 U	--	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-80	DUP-SOIL-221108	11/8/2022	N	10 U	10 U	50 U	1.5 U	**6.9 J**	10 U	10 U	--	1.9 U	10 U	--	10 U	**4.9**	10 U	10 U	**940 J**	**0.17**	20 U
RISB-80	RISB-80-(9-10')	11/8/2022	N	10 U	10 U	50 U	1.5 U	**19 J**	10 U	10 U	--	1.5 U	10 U	--	10 U	**6.4**	10 U	10 U	**3500 J**	**0.23**	20 U
RISB-80	RISB-80-(11-12')	11/8/2022	N	10 U	10 U	50 U	1.5 U	**1200**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	**270**	**15000**	**6.4**	20 U
RISB-80	RISB-80-(24-25')	11/9/2022	N	10 U	10 U	50 U	1.5 U	**5.5**	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	**2900**	0.05 U	20 U
RISB-80	RISB-80-(34-35')	11/9/2022	N	10 U	10 U	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
RISB-80	RISB-80-(39-40')	11/9/2022	N	10 U	10 U	50 U	1.5 U	1.5 U	10 U	10 U	--	1.5 U	10 U	--	10 U	1.5 U	10 U	10 U	1.5 U	0.05 U	20 U
TC-2	TC-2-SO-11.5-19961220	12/20/1996	N	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	**705**	--	--
TC-2	TC-2-SO-13.5-19961220	12/20/1996	N	--	--	--	--	**64.5**	--	--	--	--	--	--	--	--	--	--	**3360**	--	--
TC-2	TC-2-SO-16.5-19961220	12/20/1996	N	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	**1940**	--	--
TC-2	TC-2-SO-18.5-19961220	12/20/1996	N	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	**1430**	--	--
TC-2	TC-2-SO-23.5-19961220	12/20/1996	N	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	**173**	--	--
TC-2	TC-2-SO-8.5-19961220	12/20/1996	N	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	**972**	--	--
TC-3	TC-3-SO-18.5-19961220	12/20/1996	N	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	50 U	--	--
TC-3	TC-3-SO-23.5-19961220	12/20/1996	N	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	50 U	--	--
TC-3	TC-3-SO-28.5-19961220	12/20/1996	N	--	--	--	--	50 U	--	--	--	--	--	--	--	--	--	--	50 U	--	--
TC-3	TC-3-SO-8.5-19961220	12/20/1996	N	--	--	--	--	**55.0**	--	--	--	--	--	--	--	--	--	--	**1430**	--	--

Table 5
Former Building C-29 – Detected Constituents in Soil
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Notes:

Bold text indicates detected analyte**.**

Blue shading = exceeds project SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

UJ = The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

Abbreviations and Acronyms:

-- = not analyzed

CAS = Chemical Abstracts Service

FD = field duplicate

ID = identification

µg/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

MTCA = Model Toxics Control Act

N = primary sample

ND = not detected

RI = remedial investigation

RN = registry number

SL = screening level

TPH = total petroleum hydrocarbons

VOC = volatile organic compound

Table 6
Deep Aquifer Detected Constituents in Soil
Agreed Order Remedial Investigation – Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	VOCs					
				Analyte:	cis-1,2-Dichloroethene	1,1-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
				CAS RN:	156-59-2	75-35-4	75-09-2	156-60-5	79-01-6	75-01-4
				Project SL:	5.2	2.5	1.5	32	1.5	0.09
				MTCA Method C SL:	7×10^6	1.8×10^8	2.1×10^7	7×10^7	1.8×10^6	9×10^4
				Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**							
DW1	DW1-SO-117-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW1	DW1-SO-137-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW1	DW1-SO-57.5-20001212	12/12/2000	N	10 U	--	--	10 U	**10**	--
DW1	DW1-SO-77-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW1	DW1-SO-97.5-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW2	DW2-SO-117-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW2	DW2-SO-17-20001212	12/12/2000	N	**87**	--	--	10 U	120 U	--
DW2	DW2-SO-27-20001212	12/12/2000	N	**200**	--	--	10 U	**480**	--
DW2	DW2-SO-37-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW2	DW2-SO-47-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW2	DW2-SO-57-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW2	DW2-SO-7-20001212	12/12/2000	N	**46**	--	--	**12**	**380**	--
DW2	DW2-SO-98.5-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW3	DW3-SO-136-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW3	DW3-SO-151-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW3	DW3-SO-36-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW3	DW3-SO-66-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW3	DW3-SO-7-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
DW3	DW3-SO-76-20001212	12/12/2000	N	10 U	--	--	10 U	10 U	--
RIDW-1	RIDW-1-(23-25')	12/3/2018	N	1.5 UJ	1.5 UJ	1.6 UJ	10 UJ	1.5 UJ	0.05 UJ
RIDW-1	RIDW-1-(49-50')	12/3/2018	N	1.5 UJ	1.5 UJ	1.5 UJ	10 UJ	1.5 UJ	0.05 UJ
RIDW-1	SOIL DUP-1	12/3/2018	FD	1.5 UJ	1.5 UJ	1.5 UJ	10 UJ	1.5 UJ	0.05 UJ
RIDW-1	RIDW-1-(57.5-60')	12/5/2018	N	1.5 UJ	1.5 UJ	1.5 UJ	10 UJ	1.5 UJ	0.05 UJ
RIDW-1	RIDW-1-(81.5-82.5')	12/5/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-1	RIDW-1-(105-107.5')	12/5/2018	N	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RIDW-1	RIDW-1-(135-137.5')	12/6/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-2	RIDW-2-(20-22.5')	12/7/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-2	RIDW-2-(37.5-40')	12/7/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-2	RIDW-2-(50-52')	12/7/2018	N	1.5 U	1.5 U	1.8 U	10 U	1.5 U	0.05 U
RIDW-2	RIDW-2-(90-92')	12/8/2018	N	1.5 U	1.5 U	1.8 U	10 U	1.5 U	0.05 U
RIDW-2	RIDW-2-(105-107.5')	12/8/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-2	RIDW-2-(125-127.5')	12/10/2018	N	1.5 U	1.5 U	1.8 U	10 U	1.5 U	0.05 U

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Deep Aquifer Detected Constituents in Soil
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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	VOCs					
				Analyte:	cis-1,2-Dichloroethene	1,1-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
				CAS RN:	156-59-2	75-35-4	75-09-2	156-60-5	79-01-6	75-01-4
				Project SL:	5.2	2.5	1.5	32	1.5	0.09
				MTCA Method C SL:	7×10^6	1.8×10^8	2.1×10^7	7×10^7	1.8×10^6	9×10^4
				Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**							
RIDW-3	RIDW-3-(12.5-15')	12/11/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-3	RIDW-3-(45-47.5')	12/11/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-3	RIDW-3-(70-72.5')	12/12/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-3	RIDW-3-(95-97.5')	12/12/2018	N	1.5 U	1.5 U	2 U	10 U	1.5 U	0.05 U
RIDW-3	RIDW-3-(110-112.5')	12/12/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-3	RIDW-3-(130-132.5')	12/13/2018	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-4	RIDW-4-(24-25')	9/4/2019	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-4	RIDW-4-(66-67')	9/5/2019	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-4	RIDW-4-(126-127')	9/5/2019	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-5	RIDW-5-(36.5-37.5')	11/10/2022	N	1.5 U	1.5 U	1.6 U	10 U	1.5 U	0.05 U
RIDW-5	RIDW-5-(95.5-96.5')	11/11/2022	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-5	RIDW-5-(136-137')	11/11/2022	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-6	RIDW-6-(25-26')	11/15/2022	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-6	RIDW-6-(56-57')	11/15/2022	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-6	DUP-SOIL-221116	11/16/2022	FD	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-6	RIDW-6-(133.5-134.5')	11/16/2022	N	1.5 U	1.5 U	1.5 U	10 U	1.5 U	0.05 U
RIDW-7	RIDW-7-S-13-14	6/13/2024	N	**200 J**	1.5 UJ	**2.7 J**	10 UJ	**25000 J**	**8.8 J**
RIDW-7	RIDW-7-S-16-17	6/13/2024	N	**200 J**	**1.9 J**	**10 J**	**15 J**	**25000 J**	**3.5 J**
RIDW-7	RIDW-7-S-28-29	6/13/2024	N	1.5 UJ	1.5 UJ	1.6 UJ	10 UJ	**1.5 J**	0.05 UJ
RIDW-7	RIDW-7-S-41-42	6/13/2024	N	**5.5 J**	1.5 UJ	**2.6 J**	10 UJ	**3000 J**	0.05 UJ
RIDW-7	RIDW-7-S-66-67	6/13/2024	N	1.5 UJ	1.5 UJ	1.5 UJ	10 UJ	1.5 UJ	0.05 UJ
RIDW-7	RIDW-7-S-47-48	6/13/2024	N	**12 J**	1.5 UJ	1.5 UJ	10 UJ	**4000 J**	**0.17 J**
RIDW-7	RIDW-7-S-56-57	6/13/2024	N	1.5 UJ	1.5 UJ	1.5 UJ	10 UJ	1.5 UJ	0.05 UJ

Table 6
Deep Aquifer Detected Constituents in Soil
Agreed Order Remedial Investigation – Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Notes:

Bold text indicates detected analyte**.**

Blue shading = exceeds project SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

UJ = The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

Abbreviations and Acronyms:

-- = not analyzed

CAS = Chemical Abstracts Service

FD = field duplicate

ID = identification

µg/kg = micrograms per kilogram

MTCA = Model Toxics Control Act

N = primary sample

RI = remedial investigation

RN = registry number

SL = screening level

VOC = volatile organic compound

Table 7
Building C-19 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Conventionals				Dissolved Metals			Total Metals	SVOCs	TPH		TPH with SGC	
Analyte:				Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Chromium, Total	Chromium, Trivalent	Chromium, Total	1,4-Dioxane	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
CAS RN:				74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-47-3	16065-83-1	7440-47-3	123-91-1	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40
Fraction:				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Project SL:					10000			13.6	100	100	100	0.44	500	500	500	500
MTCA Method C SL:								0.580				4.4				
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**													
C19-TP1	C19TP1-W-19940214	2/14/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP1	GP1-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP10	GP10-WG-20030321	3/21/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP11	GP11-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP12	GP12-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP14	GP14-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP15	GP15-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP16	GP16-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP17	GP17-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP18	GP18-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP19	GP19-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP2	GP2-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP20	GP20-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP3	GP3-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP4	GP4-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP5	GP5-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP6	GP6-WG-20030320	3/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP7	GP7-WG-20030321	3/21/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP8	GP8-WG-20030321	3/21/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
GP9	GP9-WG-20030321	3/21/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--
RIGW-55	RIGW-55-190415	4/15/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--
RIGW-55	RIGW-55-20190905	9/5/2019	N	10 U	**5800**	**7400**	--	--	--	--	--	--	--	--	--	--
RIGW-55	RIGW-55-240812	8/12/2024	N	--	--	--	--	--	--	--	--	--	130 U	250 U	130 U	250 U
RIGW-55	RIGW-55-240813	8/13/2024	N	--	--	--	--	--	--	--	--	**0.47**	--	--	--	--
RISB-01	RISB-01-GW	3/27/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-03	RISB-03-GW	3/26/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-05	RISB-05-GW	3/18/2019	N	--	--	--	--	**1.8**	**2.5**	**2.5**	--	--	--	--	--	--

Table 7
Building C-19 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Conventionals				Dissolved Metals			Total Metals	SVOCs	TPH		TPH with SGC	
				Analyte:	Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Chromium, Total	Chromium, Trivalent	Chromium, Total	1,4-Dioxane	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
				CAS RN:	74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-47-3	16065-83-1	7440-47-3	123-91-1	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40
				Fraction:	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
				Project SL:		10000			13.6	100	100	100	0.44	500	500	500	500
				MTCA Method C SL:					0.580				4.4				
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type														
RISB-06	RISB-06-GW	3/27/2019	N	--	--	--	--	**1.3**	2 U	--	--	--	--	--	--	--	--
RISB-07	RISB-07-GW	3/28/2019	N	--	--	--	--	1 U	2 U	--	--	--	**280**	**340**	--	--	
RISB-08	RISB-08-GW	3/26/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	
RISB-09	RISB-09-GW	3/25/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	
RISB-10	RISB-10-GW	3/25/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	
RISB-100	RISB-100-GW	5/29/2024	N	--	--	--	--	--	--	--	--	--	0.4 U	--	--	--	--
RISB-101	RISB-101-GW	5/29/2024	N	--	--	--	--	--	--	--	--	--	**2.7**	--	--	--	--
RISB-103	RISB-103-GW	5/31/2024	N	--	--	--	--	--	--	--	--	--	**0.24**	--	--	--	--
RISB-56	RISB-56-GW	9/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-57	RISB-57-GW	9/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-58	RISB-58-GW	9/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-69	RISB-69-GW-221201	12/1/2022	N	--	--	--	--	--	--	--	--	--	**0.60**	--	--	--	--
RISB-70	RISB-70-GW-221130	11/30/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-71	RISB-71-GW-221201	12/1/2022	N	--	--	--	--	--	--	--	--	--	0.4 U	--	--	--	--
SCPWD-2	SCPWD-2-WG-19990309	3/9/1999	N	--	--	--	--	--	10 U	--	**40**	--	--	--	--	--	--
SCPWD-2	SCPWD-2-WG-20031017	10/17/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCPWD-2	SCPWD-2-181108	11/8/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCPWD-2	SCPWD-2-20190905	9/5/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCPWD-2	SCPWD-2-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	**0.070**	--	--	--	--
SCPWD-3	SCPWD-3-WG-19990309	3/9/1999	N	--	--	--	--	--	10 U	--	10 U	--	--	--	--	--	--
SCPWD-3	SCPWD-3-WG-20031017	10/17/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCPWD-3	SCPWD-3-181108	11/8/2018	N	**30**	150 U	**12000**	**3600**	--	--	--	--	--	**0.44 J**	--	--	--	--
SCPWD-3	SCPWD-3-20190905	9/5/2019	N	**20**	150 U	**10000**	**3600**	--	--	--	--	--	**0.94**	--	--	--	--
SCPWD-3	SCPWD-3-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	**0.56**	--	--	--	--
SCPWD-4	SCPWD-4-WG-19990309	3/9/1999	N	--	--	--	--	--	10 U	--	10 U	--	--	--	--	--	--
SCPWD-4	SCPWD-4-WG-20030321	3/21/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCPWD-4	SCPWD-4-WG-20031017	10/17/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 7
Building C-19 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Conventionals				Dissolved Metals			Total Metals	SVOCs	TPH		TPH with SGC	
Analyte:				Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Chromium, Total	Chromium, Trivalent	Chromium, Total	1,4-Dioxane	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
CAS RN:				74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-47-3	16065-83-1	7440-47-3	123-91-1	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40
Fraction:				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Project SL:					10000			13.6	100	100	100	0.44	500	500	500	500
MTCA Method C SL:								0.580				4.4				
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**													
SCPWD-4	SCPWD-4-181108	11/8/2018	N	**20**	**440**	**10000**	**2600**	--	--	--	--	0.4 UJ	--	--	--	--
SCPWD-4	SCPWD-4-20190905	9/5/2019	N	10 U	**2100**	**7600**	**1500**	--	--	--	--	--	--	--	--	--
SCPWD-4	SCPWD-4-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	0.04 U	--	--	--	--
SU2-NE-W	SU2-NE-W-WG-19950807	8/7/1995	N	--	--	--	--	--	--	--	--	--	--	--	--	--
SU-FL-W	SU-FL-W-WG-19950807	8/7/1995	N	--	--	--	--	--	--	--	--	--	--	--	--	--
SW-1.0-W	SW-1.0-W-WG-19950807	8/7/1995	N	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 7
Building C-19 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs															
Analyte:				1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	4-isopropyltoluene	4-Methyl-2-pentanone	Acetone	Benzene	cis-1,2-Dichloroethene	Methyl Ethyl Ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				71-55-6	75-34-3	75-35-4	107-06-2	25155-15-1	108-10-1	67-64-1	71-43-2	156-59-2	78-93-3	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4
Fraction:				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Project SL:				200	7.7	7	0.48		640	7200	0.8	16	4800	5	640	100	0.54	0.029
MTCA Method C SL:					77		4.8				8			200			9.5	0.29
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**															
C19-TP1	C19TP1-W-19940214	2/14/1994	N	**230**	**32**	**21**	1 U	--	**5.8**	**17**	1 U	**94**	**160**	1 U	**1.6**	**39**	**15000**	**5.1**
GP1	GP1-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP10	GP10-WG-20030321	3/21/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP11	GP11-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP12	GP12-WG-20030320	3/20/2003	N	**7**	**6**	**3**	--	--	--	--	--	**17**	--	--	--	2 U	**100**	2 U
GP14	GP14-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP15	GP15-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP16	GP16-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP17	GP17-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	**130**	--	--	--	**3**	**1300**	2 U
GP18	GP18-WG-20030320	3/20/2003	N	2 U	2 U	**4**	--	--	--	--	--	**220**	--	--	--	**10**	**5000**	**44**
GP19	GP19-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	**3**	--	--	--	2 U	**24**	2 U
GP2	GP2-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP20	GP20-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP3	GP3-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	**100**	--	--	--	**20**	**240**	2 U
GP4	GP4-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP5	GP5-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP6	GP6-WG-20030320	3/20/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP7	GP7-WG-20030321	3/21/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP8	GP8-WG-20030321	3/21/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
GP9	GP9-WG-20030321	3/21/2003	N	2 U	2 U	2 U	--	--	--	--	--	2 U	--	--	--	2 U	2 U	2 U
RIGW-55	RIGW-55-190415	4/15/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**5.0**	10 U	2 U	2 U	2 U	**59**	0.02 U
RIGW-55	RIGW-55-20190905	9/5/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**3.9**	10 U	2 U	2 U	2 U	**61**	0.02 U
RIGW-55	RIGW-55-240812	8/12/2024	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	2 U	10 U	2 U	2 U	2 U	**38**	**0.056**
RIGW-55	RIGW-55-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-01	RISB-01-GW	3/27/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	2 U	10 U	2 U	2 U	2 U	**1.3**	0.02 U
RISB-03	RISB-03-GW	3/26/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**5.9**	10 U	2 U	2 U	2 U	**1.2**	**0.67**
RISB-05	RISB-05-GW	3/18/2019	N	2 U	2 U	2 U	0.02 U	--	10 U	25 U	0.5 U	2 U	10 U	2 U	2 U	2 U	0.5 U	0.02 U

Table 7
Building C-19 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs															
Analyte:				1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	4-isopropyltoluene	4-Methyl-2-pentanone	Acetone	Benzene	cis-1,2-Dichloroethene	Methyl Ethyl Ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				71-55-6	75-34-3	75-35-4	107-06-2	25155-15-1	108-10-1	67-64-1	71-43-2	156-59-2	78-93-3	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4
Fraction:				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Project SL:				200	7.7	7	0.48		640	7200	0.8	16	4800	5	640	100	0.54	0.029
MTCA Method C SL:					77		4.8				8			200			9.5	0.29
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type															
RISB-06	RISB-06-GW	3/27/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**31**	10 U	2 U	2 U	2 U	**94**	**1.2**
RISB-07	RISB-07-GW	3/28/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**23**	10 U	2 U	2 U	2 U	**110**	**0.46**
RISB-08	RISB-08-GW	3/26/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	2 U	10 U	2 U	2 U	2 U	0.5 U	0.02 U
RISB-09	RISB-09-GW	3/25/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	**0.74**	2 U	10 U	2 U	2 U	2 U	**5.4**	0.02 U
RISB-10	RISB-10-GW	3/25/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	2 U	10 U	2 U	2 U	2 U	0.5 U	0.02 U
RISB-100	RISB-100-GW	5/29/2024	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	2 U	10 U	2 U	2 U	2 U	0.5 U	0.02 U
RISB-101	RISB-101-GW	5/29/2024	N	2 U	**8.6**	**11**	**0.055**	**5.4**	10 U	25 U	0.5 U	**120**	10 U	2 U	2 U	2 U	**150**	**22**
RISB-103	RISB-103-GW	5/31/2024	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**21**	10 U	2 U	2 U	2 U	0.5 U	**4.8**
RISB-56	RISB-56-GW	9/3/2019	N	2 U	2 U	**17**	0.02 U	2 U	10 U	25 U	0.5 U	**590**	10 U	2 U	2 U	**39**	**4800**	**8.0**
RISB-57	RISB-57-GW	9/3/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**5.8**	10 U	2 U	2 U	2 U	**1.9**	**0.15**
RISB-58	RISB-58-GW	9/3/2019	N	**8.5**	**9.3**	**17**	0.02 U	2 U	10 U	25 U	**0.84**	**340**	10 U	2 U	2 U	**2.9**	**890**	**37**
RISB-69	RISB-69-GW-221201	12/1/2022	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**7.8**	10 U	2 U	2 U	2 U	**0.68**	**0.13**
RISB-70	RISB-70-GW-221130	11/30/2022	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	2 U	10 U	2 U	2 U	2 U	0.5 U	**0.027**
RISB-71	RISB-71-GW-221201	12/1/2022	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**10**	10 U	2 U	2 U	2 U	**22**	**0.78**
SCPWD-2	SCPWD-2-WG-19990309	3/9/1999	N	--	--	**24**	--	--	--	--	--	**2500**	--	4 U	--	**18**	**39000**	**9**
SCPWD-2	SCPWD-2-WG-20031017	10/17/2003	N	--	--	5 U	--	--	--	--	--	**540**	--	4 U	--	**4**	**4300**	5 U
SCPWD-2	SCPWD-2-181108	11/8/2018	N	2 U	2 U	2 U	0.02 U	--	10 U	25 U	0.5 U	**110**	10 U	2 U	2 U	2 U	**940**	**0.73**
SCPWD-2	SCPWD-2-20190905	9/5/2019	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**44**	10 U	2 U	2 U	2 U	**520**	**0.16**
SCPWD-2	SCPWD-2-20240814	8/14/2024	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	0.5 U	**48**	10 U	2 U	2 U	2 U	**550**	**0.034**
SCPWD-3	SCPWD-3-WG-19990309	3/9/1999	N	--	--	**110**	--	--	--	--	--	**4200**	--	**12**	--	**18**	**140000**	**68**
SCPWD-3	SCPWD-3-WG-20031017	10/17/2003	N	--	--	**74**	--	--	--	--	--	**3700**	--	4 U	--	**28**	**100000**	**61**
SCPWD-3	SCPWD-3-181108	11/8/2018	N	2 U	2 U	**33**	0.02 U	--	10 U	25 U	0.5 U	**840**	10 U	2 U	2 U	**54**	**14000**	**9.1**
SCPWD-3	SCPWD-3-20190905	9/5/2019	N	2 U	2 U	**34**	0.02 U	2 U	10 U	25 U	0.5 U	**1000**	10 U	2 U	2 U	**53**	**18000**	**11**
SCPWD-3	SCPWD-3-20240814	8/14/2024	N	2 U	2 U	**27**	0.02 U	2 U	10 U	25 U	**0.60**	**1200**	10 U	2 U	**3.0**	**89**	**14000**	**12**
SCPWD-4	SCPWD-4-WG-19990309	3/9/1999	N	--	--	5 U	--	--	--	--	--	**260**	--	4 U	--	**160**	**580**	**82**
SCPWD-4	SCPWD-4-WG-20030321	3/21/2003	N	--	--	5 U	--	--	--	--	--	**15**	--	4 U	--	**6**	**8**	5 U
SCPWD-4	SCPWD-4-WG-20031017	10/17/2003	N	--	--	5 U	--	--	--	--	--	**200**	--	4 U	--	**37**	**190**	5 U

Table 7
Building C-19 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	VOCs														
				Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	4-isopropyltoluene	4-Methyl-2-pentanone	Acetone	Benzene	cis-1,2-Dichloroethene	Methyl Ethyl Ketone	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
				CAS RN:	71-55-6	75-34-3	75-35-4	107-06-2	25155-15-1	108-10-1	67-64-1	71-43-2	156-59-2	78-93-3	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4
				Fraction:	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
				Project SL:	200	7.7	7	0.48		640	7200	0.8	16	4800	5	640	100	0.54	0.029
				MTCA Method C SL:		77		4.8				8			200			9.5	0.29
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type																
SCPWD-4	SCPWD-4-181108	11/8/2018	N	2 U	2 U	**3.1**	**0.14**	--	10 U	25 U	0.5 U	**60**	10 U	2 U	2 U	**20**	**670**	**8.1**
SCPWD-4	SCPWD-4-20190905	9/5/2019	N	2 U	2 U	**2.1**	**0.031**	2 U	10 U	25 U	0.5 U	**54**	10 U	2 U	2 U	**7.6**	**990**	**1.4**
SCPWD-4	SCPWD-4-20240814	8/14/2024	N	2 U	2 U	2 U	0.02 U	2 U	10 U	25 U	**0.59**	**35**	10 U	2 U	**2.4**	**4.3**	**770**	**0.67**
SU2-NE-W	SU2-NE-W-WG-19950807	8/7/1995	N	0 U	0 U	0 U	--	--	0 U	0 U	--	**670**	0 U	0 U	0 U	0 U	**53000**	0 U
SU-FL-W	SU-FL-W-WG-19950807	8/7/1995	N	**130**	**420**	**70**	--	--	0 U	0 U	--	**340**	0 U	0 U	0 U	0 U	**98,000**	0 U
SW-1.0-W	SW-1.0-W-WG-19950807	8/7/1995	N	**160**	**320**	**88**	--	--	0 U	0 U	--	**360**	0 U	0 U	0 U	0 U	**39000**	0 U

Notes:

Bold text indicates detected analyte.

Blue shading = exceeds project SL

Orange shading = exceeds MTCA Method C SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

UJ = The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

Abbreviations and Acronyms:

-- = not analyzed
µg/L = micrograms per liter
CAS = Chemical Abstracts Service
ID = identification
MTCA = Model Toxics Control Act
N = primary sample
RI = remedial investigation
RN = registry number
SGC = silica-gel cleanup
SL = screening level
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

Table 8
Building C-20, C-21, C-22 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Conventionals			Dissolved Metals			Total Metals			SVOCs		TPH		TPH with SGC	
Analyte:				Methane	Sulfate	Total Organic Carbon	Arsenic	Chromium, Total	Copper	Arsenic	Chromium, Total	Copper	1,4-Dioxane	Chrysene	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
CAS RN:				74-82-8	14808-79-8	TOC	7440-38-2	7440-47-3	7440-50-8	7440-38-2	7440-47-3	7440-50-8	123-91-1	218-01-9	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40
Project SL:							13.6	100		13.6	100		0.44		500	500	500	500
MTCA Method C SL:							0.580			0.580			4.4					
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type															
RIGW-100	RIGW-100-20240814	8/14/2024	N	--	--	--	**2.8**	2 U	**4.0**	**2.8**	2 U	**4.1**	**0.46**	**0.38**	140 U	250 U	130 U	250 U
RIGW-101	RIGW-101-240812	8/12/2024	N	--	--	--	--	--	--	--	--	--	**18**	0.02 U	**540**	250 U	130 U	250 U
RIGW-103	RIGW-103-240812	8/12/2024	N	--	--	--	--	--	--	--	--	--	--	0.02 U	**480**	**340**	**140**	250 U
RIGW-104	RIGW-104-240812	8/12/2024	N	--	--	--	--	--	--	--	--	--	--	0.02 U	130 U	250 U	130 U	250 U
RISB-07	RISB-07-GW	3/28/2019	N	--	--	--	1 U	2 U	--	--	--	--	--	--	**280**	**340**	**280**	**340**
RISB-105	RISB-105-GW	5/24/2024	N	--	--	--	--	--	--	--	--	--	--	0.02 U	**400 Z**	**410 Z**	130 U	250 U
RISB-106	RISB-106-GW	5/24/2024	N	--	--	--	--	--	--	--	--	--	--	0.02 U	**270 Z**	250 U	130 U	250 U
RISB-13	RISB-13-GW	3/19/2019	N	--	--	--	**2.1**	**18**	--	--	--	--	--	--	130 U	**850**	--	--
RISB-14	DUP-GW-190401	4/1/2019	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-14	RISB-14-GW	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-15	RISB-15-GW	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	--	**250 J**	**410 J**	--	--
RISB-16	RISB-16-GW	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-17	RISB-17-GW	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-18	RISB-18-GW	3/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-20	DUP-GW-190327	3/27/2019	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-20	RISB-20-GW	3/27/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-21	RISB-21-GW	4/2/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-22	RISB-22-GW	4/2/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-23	RISB-23-GW	3/28/2019	N	--	--	--	--	--	--	--	--	--	--	--	**270**	**430**	--	--
RISB-24	RISB-24-GW	3/20/2019	N	--	--	--	--	--	--	--	--	--	--	--	130 U	**860**	--	--
RISB-25	RISB-25-GW	3/20/2019	N	--	--	--	--	--	--	--	--	--	--	--	**210 J**	**410**	--	--
RISB-26	RISB-26-GW	4/2/2019	N	--	--	--	**2.3**	2 U	--	--	--	--	--	--	--	--	--	--
RISB-27	RISB-27-GW	4/2/2019	N	--	--	--	**3.5**	2 U	--	--	--	--	--	--	--	--	--	--
RISB-28	RISB-28-GW	3/19/2019	N	--	--	--	**1.0**	2 U	--	--	--	--	--	--	650 U	**6000**	--	--
RISB-49	RISB-49-GW	3/20/2019	N	--	--	--	**14**	**2.4**	--	--	--	--	--	--	130 U	**1300**	--	--
RISB-60	RISB-60-GW	8/27/2019	N	**30**	**7600**	**2400**	--	--	--	--	--	--	--	--	--	--	--	--
RISB-69	RISB-69-GW-221201	12/1/2022	N	--	--	--	--	--	--	--	--	--	**0.60**	--	--	--	--	--
RISB-70	RISB-70-GW-221130	11/30/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-71	RISB-71-GW-221201	12/1/2022	N	--	--	--	--	--	--	--	--	--	0.4 U	--	--	--	--	--

Table 8
Building C-20, C-21, C-22 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs												
Analyte:				1,1-Dichloroethene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Methyl-tert-butyl ether	Naphthalene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				75-35-4	106-93-4	107-06-2	67-64-1	71-43-2	75-00-3	156-59-2	1634-04-4	91-20-3	156-60-5	79-01-6	75-01-4
Project SL:				7	0.022	0.48	7200	0.8		16	24	160	100	0.54	0.029
MTCA Method C SL:					0.22	4.8		8			240			9.5	0.29
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type												
RIGW-100	RIGW-100-20240814	8/14/2024	N	**3.8**	0.01 U	0.02 U	25 U	0.5 U	**8.0**	**210**	2 U	2 U	**6.8**	**2500**	**31**
RIGW-101	RIGW-101-240812	8/12/2024	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**19**	2 U	2 U	2 U	**220**	**1.6**
RIGW-103	RIGW-103-240812	8/12/2024	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**420**	2 U	2 U	**2.8**	**23**	**190**
RIGW-104	RIGW-104-240812	8/12/2024	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	2 U	2 U	2 U	2 U	0.5 U	**0.098**
RISB-07	RISB-07-GW	3/28/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**23**	2 U	2 U	2 U	**110**	**0.46**
RISB-105	RISB-105-GW	5/24/2024	N	--	--	--	--	--	--	--	--	**0.057 J**	--	--	--
RISB-106	RISB-106-GW	5/24/2024	N	--	--	--	--	--	--	--	--	**0.039 J**	--	--	--
RISB-13	RISB-13-GW	3/19/2019	N	**2.7**	0.01 U	0.02 U	25 U	0.5 U	**15**	**780**	2 U	2 U	**45**	**2100**	**240**
RISB-14	DUP-GW-190401	4/1/2019	FD	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	2 U	2 U	2 U	2 U	**2.7**	0.02 U
RISB-14	RISB-14-GW	4/1/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	2 U	2 U	2 U	2 U	**2.6**	0.02 U
RISB-15	RISB-15-GW	3/21/2019	N	**2.2**	0.01 U	0.02 U	25 U	0.5 U	2 U	**71**	2 U	2 U	2 U	**2000**	**0.79**
RISB-16	RISB-16-GW	4/1/2019	N	2 U	0.01 U	**0.81**	25 U	0.5 U	2 U	2 U	**21**	2 U	2 U	0.5 U	0.02 U
RISB-17	RISB-17-GW	3/29/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	2 U	**2.9**	2 U	2 U	0.5 U	0.02 U
RISB-18	RISB-18-GW	3/29/2019	N	2 U	0.01 U	**0.086**	25 U	0.5 U	2 U	2 U	2 U	2 U	2 U	**1.3**	**1.3**
RISB-20	DUP-GW-190327	3/27/2019	FD	2 U	0.01 U	0.02 U	25 U	**0.71**	2 U	2 U	2 U	2 U	2 U	0.5 U	**0.073**
RISB-20	RISB-20-GW	3/27/2019	N	2 U	0.01 U	0.02 U	25 U	**0.68**	2 U	2 U	2 U	2 U	2 U	0.5 U	**0.071**
RISB-21	RISB-21-GW	4/2/2019	N	2 U	0.01 U	0.02 U	**23**	0.5 U	2 U	**45**	2 U	2 U	**4.0**	**190**	**0.54**
RISB-22	RISB-22-GW	4/2/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**24**	2 U	2 U	2 U	**3.9**	**90**
RISB-23	RISB-23-GW	3/28/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**15**	2 U	2 U	2 U	**63**	**0.62**
RISB-24	RISB-24-GW	3/20/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**13**	2 U	2 U	2 U	**330**	**1.2**
RISB-25	RISB-25-GW	3/20/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**5.9**	2 U	2 U	2 U	**12**	**0.22**
RISB-26	RISB-26-GW	4/2/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**18**	2 U	2 U	2 U	**24**	**0.60**
RISB-27	RISB-27-GW	4/2/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**77**	2 U	2 U	2 U	**220**	**2.7**
RISB-28	RISB-28-GW	3/19/2019	N	**2.9**	0.01 U	0.02 U	25 U	0.5 U	2 U	**68**	2 U	2 U	2 U	**310**	**2.0**
RISB-49	RISB-49-GW	3/20/2019	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**150**	2 U	2 U	**3.4**	**430**	**7.4**
RISB-60	RISB-60-GW	8/27/2019	N	2 U	**0.018**	**0.27**	25 U	0.5 U	2 U	**4.5**	2 U	2 U	2 U	**14**	**1.6**
RISB-69	RISB-69-GW-221201	12/1/2022	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**7.8**	2 U	2 U	2 U	**0.68**	**0.13**
RISB-70	RISB-70-GW-221130	11/30/2022	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	2 U	2 U	2 U	2 U	0.5 U	**0.027**
RISB-71	RISB-71-GW-221201	12/1/2022	N	2 U	0.01 U	0.02 U	25 U	0.5 U	2 U	**10**	2 U	2 U	2 U	**22**	**0.78**

Notes:

Bold text indicates detected analyte.
Blue shading = exceeds project SL
Orange shading = exceeds MTCA Method C SL
Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
Z = See laboratory report for hydrocarbon identification

Abbreviations and Acronyms:

-- = not analyzed
µg/L = micrograms per liter
CAS = Chemical Abstracts Service
FD = field duplicate
ID = identification
MTCA = Model Toxics Control Act
N = primary sample
RI = remedial investigation
RN = registry number
SGC = silica-gel cleanup
SL = screening level
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

Table 9
Building C-23 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Conventionals				Dissolved Metals				Total Metals					SVOCs						TPH		
Analyte:				Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Zinc	1,4-Dioxane	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
CAS RN:				74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-47-3	16065-83-1	7439-92-1	7440-38-2	7440-47-3	16065-83-1	7439-92-1	7440-66-6	123-91-1	50-32-8	205-99-2	207-08-9	53-70-3	193-39-5	PHC_C5-C12	PHC_C12-C24	PHC_C24-C40
Project SL:					10000			13.6	100	100	15	13.6	100	100	15		0.44						800	500	500
MTCA Method C SL:								0.580				0.580					4.4								
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type																						
RIGW-102	RIGW-102-20240814	8/14/2024	N	--	--	--	--	**2.7**	2 U	2 U	1 U	**3.2**	2 U	2 U	1 U	--	**0.41**	--	--	--	--	--	50 U	--	--
RIGW-102	DUP-1-20240814	8/14/2024	FD	--	--	--	--	**3.3**	2 U	2 U	1 U	**3.2**	2 U	2 U	1 U	--	**0.40**	--	--	--	--	--	50 U	--	--
RISB-104	RISB-104-GW	5/20/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.084**	**0.093**	**0.048**	**0.055**	**0.16**	**0.14**	--	**1500 Z**	**980 Z**
RISB-107	RISB-107-GW	5/28/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**1.1**	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	**1100 Z**	**620 Z**
RISB-108	RISB-108-GW	5/31/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**0.11**	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	**340 Z**	**310 Z**
RISB-109	RISB-109-GW	5/23/2024	N	--	--	--	--	--	--	--	--	**3.6**	**18 J**	--	**1.4**	**15 J**	**0.26 J**	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	50 U	**360 Z**	250 U
RISB-109	RISB-DUP-GW-1	5/23/2024	FD	--	--	--	--	--	--	--	--	**4.6**	**29 J**	--	**2.1**	**23 J**	**0.32 J**	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	50 U	**330 Z**	250 U
RISB-115	RISB-115-GW	5/23/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-14	DUP-GW-190401	4/1/2019	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-14	RISB-14-GW	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-15	RISB-15-GW	3/21/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**250 J**	**410 J**
RISB-29	RISB-29-GW	3/19/2019	N	--	--	--	--	**3.7**	2 U	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	130 U	**2100**
RISB-30	RISB-30-GW	3/22/2019	N	--	--	--	--	**5.8**	2 U	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	**270**	250 U
RISB-31	RISB-31-GW	4/9/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-32	DUP-GW-190322	3/22/2019	FD	--	--	--	--	**7.5**	2 U	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	130 U	250 U
RISB-32	RISB-32-GW	3/22/2019	N	--	--	--	--	**7.3**	2 U	--	1 U	--	--	--	--	--	--	--	--	--	--	--	--	**130**	250 U
RISB-38	RISB-38-GW	3/13/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-39	RISB-39-GW	4/9/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-40	RISB-40-GW	4/1/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-47	RISB-47-GW	4/5/2019	N	--	--	--	--	**2.9**	2 U	2 U	1 U	--	--	--	--	--	--	--	--	--	--	--	**69**	**460**	**380**
RISB-48	RISB-48-GW	4/5/2019	N	--	--	--	--	**1.9**	**2.6**	**2.6**	1 U	--	--	--	--	--	--	--	--	--	--	--	50 U	**3400**	**6500**
RISB-51	RISB-51-GW	3/19/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1100**	**910**
RISB-52	RISB-52-GW	3/22/2019	N	**20**	**300**	**21000**	**3200**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**220**	**350**

Table 9
Building C-23 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				Conventionals				Dissolved Metals				Total Metals					SVOCs						TPH		
Analyte:				Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Arsenic	Chromium, Total	Chromium, Trivalent	Lead	Zinc	1,4-Dioxane	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
CAS RN:				74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-47-3	16065-83-1	7439-92-1	7440-38-2	7440-47-3	16065-83-1	7439-92-1	7440-66-6	123-91-1	50-32-8	205-99-2	207-08-9	53-70-3	193-39-5	PHC_C5-C12	PHC_C12-C24	PHC_C24-C40
Project SL:					10000			13.6	100	100	15	13.6	100	100	15		0.44						800	500	500
MTCA Method C SL:								0.580				0.580					4.4								
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																						
RISB-60	RISB-60-GW	8/27/2019	N	**30**	150 U	**7600**	**2400**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-61	RISB-61-GW	8/28/2019	N	**30**	150 U	**10000**	**8400**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	**430**	250 U
RISB-61	DUP-GW-190828	8/28/2019	FD	**30**	150 U	**10000**	**8600**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	**440**	250 U
RISB-62	RISB-62-GW	8/28/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	130 U	250 U
RISB-63	RISB-63-GW	8/28/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-78	RISB-78-GW-221129	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	0.4 U	--	--	--	--	--	--	--	--

Table 9
Building C-23 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				TPH with SGC		VOCs													
Analyte:				Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,1-Dichloroethene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Acetone	Benzene	Chloroform	cis-1,2-Dichloroethene	Methyl Ethyl Ketone	Naphthalene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
CAS RN:				PHC_C12-C24	PHC_C24-C40	75-35-4	106-93-4	107-06-2	67-64-1	71-43-2	67-66-3	156-59-2	78-93-3	91-20-3	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4
Project SL:				500	500	7	0.022	0.48	7200	0.8	1.4	16	4800	160	5	640	100	0.54	0.029
MTCA Method C SL:							0.22	4.8		8	14				200			9.5	0.29
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																
RIGW-102	RIGW-102-20240814	8/14/2024	N	--	--	**3.5**	0.01 U	**0.20**	25 U	0.5 U	0.5 U	**1000 J**	10 U	2 U	2 U	2 U	**490 J**	**120**	**23**
RIGW-102	DUP-1-20240814	8/14/2024	FD	--	--	**3.0**	0.01 U	0.02 U	25 U	0.5 U	0.5 U	**740 J**	10 U	2 U	2 U	2 U	**320 J**	**120**	**19**
RISB-104	RISB-104-GW	5/20/2024	N	**250 Z**	**250 U**	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	**2 U** **0.10**	2 U	2 U	2 U	0.5 U	0.02 U
RISB-107	RISB-107-GW	5/28/2024	N	**200 Z**	250 U	**9.9**	0.01 U	0.02 U	25 U	0.5 U	0.5 U	**1700**	10 U	2 U 0.02 U	2 U	2 U	**11**	**68**	**130**
RISB-108	RISB-108-GW	5/31/2024	N	130 U	250 U	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	**35**	10 U	2 U 0.02 U	2 U	2 U	**25**	**38**	**0.61**
RISB-109	RISB-109-GW	5/23/2024	N	130 U	250 U	2 U	0.01 U	0.02 U	25 U	**0.74**	0.5 U	2 U	10 U	**2 U** **0.12 J**	2 U	2 U	2 U	0.5 U	0.02 U
RISB-109	RISB-DUP-GW-1	5/23/2024	FD	130 U	250 U	2 U	0.01 U	0.02 U	25 U	**0.64 J**	0.5 U	2 U	10 U	**2 U** **0.10 J**	2 U	2 U	2 U	0.5 U	0.02 U
RISB-115	RISB-115-GW	5/23/2024	N	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	2 U	2 U	2 U	2 U	2 U	0.5 U	0.02 U
RISB-14	DUP-GW-190401	4/1/2019	FD	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	**2.7**	0.02 U
RISB-14	RISB-14-GW	4/1/2019	N	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	**2.6**	0.02 U
RISB-15	RISB-15-GW	3/21/2019	N	--	--	**2.2**	0.01 U	0.02 U	25 U	0.5 U	0.5 U	**71**	10 U	2 U	2 U	2 U	2 U	**2000**	**0.79**
RISB-29	RISB-29-GW	3/19/2019	N	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	**140**	10 U	2 U	2 U	2 U	**39**	**110**	**1.6**
RISB-30	RISB-30-GW	3/22/2019	N	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	**2.7**	10 U	2 U	2 U	2 U	2 U	0.5 U	**0.19**
RISB-31	RISB-31-GW	4/9/2019	N	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U	**0.089**
RISB-32	DUP-GW-190322	3/22/2019	FD	--	--	2 U	0.01 U	**0.068**	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U	**0.095**
RISB-32	RISB-32-GW	3/22/2019	N	--	--	2 U	0.01 U	**0.070**	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	**0.87**	**0.099**
RISB-38	RISB-38-GW	3/13/2019	N	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	**0.79**	0.02 U
RISB-39	RISB-39-GW	4/9/2019	N	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U	0.02 U
RISB-40	RISB-40-GW	4/1/2019	N	--	--	2 U	0.01 U	0.02 U	**200**	0.5 U	**0.64**	2 U	**28**	2 U	2 U	2 U	2 U	0.5 U	0.02 U
RISB-47	RISB-47-GW	4/5/2019	N	--	--	**67**	0.01 U	0.02 U	25 U	**2.0**	0.5 U	**2200**	10 U	2 U	**5.5**	**12**	**320**	**24000**	**52**
RISB-48	RISB-48-GW	4/5/2019	N	--	--	**23**	0.01 U	**130**	25 U	**4.0**	0.5 U	**3600**	10 U	2 U	2 U	2 U	**560**	**2300**	**480**
RISB-51	RISB-51-GW	3/19/2019	N	--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	**390**	10 U	2 U	2 U	2 U	**55**	**20**	**8.4**
RISB-52	RISB-52-GW	3/22/2019	N	--	--	2 U	0.01 U	0.02 U	25 U	**0.66**	0.5 U	**81**	10 U	2 U	2 U	2 U	**28**	**85**	**4.4**

Table 9
Building C-23 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:		VOCs													
				Analyte:	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	1,1-Dichloroethene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Acetone	Benzene	Chloroform	cis-1,2-Dichloroethene	Methyl Ethyl Ketone	Naphthalene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
				CAS RN:	PHC_C12-C24	PHC_C24-C40	75-35-4	106-93-4	107-06-2	67-64-1	71-43-2	67-66-3	156-59-2	78-93-3	91-20-3	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4
				Project SL:	500	500	7	0.022	0.48	7200	0.8	1.4	16	4800	160	5	640	100	0.54	0.029
				MTCA Method C SL:				0.22	4.8		8	14				200			9.5	0.29
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																	
RISB-60	RISB-60-GW	8/27/2019	N		--	--	2 U	**0.018**	**0.27**	25 U	0.5 U	0.5 U	**4.5**	10 U	2 U	2 U	2 U	2 U	**14**	**1.6**
RISB-61	RISB-61-GW	8/28/2019	N		--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U	**0.31**
RISB-61	DUP-GW-190828	8/28/2019	FD		--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U	**0.29**
RISB-62	RISB-62-GW	8/28/2019	N		--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U	0.02 U
RISB-63	RISB-63-GW	8/28/2019	N		--	--	2 U	**0.022**	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U	0.02 U
RISB-78	RISB-78-GW-221129	11/29/2022	N		--	--	2 U	0.01 U	0.02 U	25 U	0.5 U	0.5 U	2 U	10 U	2 U	2 U	2 U	2 U	0.5 U	0.02 U

Notes:

Bold text indicates detected analyte**.**

Blue shading = exceeds project SL

Orange shading = exceeds MTCA Method C SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

Z = See laboratory report for hydrocarbon identification

Abbreviations and Acronyms:

-- = not analyzed
µg/L = micrograms per liter
CAS = Chemical Abstracts Service
FD = field duplicate
ID = identification
MTCA = Model Toxics Control Act
N = primary sample
RI = remedial investigation
RN = registry number
SGC = silica-gel cleanup
SL = screening level
SVOC = semivolatile organic compound
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

Table 10
Former Building C-29 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Conventionals					Dissolved Metals									Total Metals						
				Analyte:	Ethene	Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Barium	Cadmium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Arsenic	Barium	Cadmium	Chromium, Total	Copper	Lead	Mercury
				CAS RN:	74-85-1	74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-39-3	7440-43-9	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	7440-38-2	7440-39-3	7440-43-9	7440-47-3	7440-50-8	7439-92-1	7439-97-6
				Project SL:			10000			13.6		5	100	100	15	2			13.6		5	100		15	2
				MTCA Method C SL:						0.580									0.580						
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																						
AF-1	AF-1-WG-19960105	1/5/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**55000 J**	**34**	--	--
C29-MW1	C29-MW1-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--
C29-MW1	C29-MW1-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	10 U	--	--	--
C29-MW1	C29-MW1-181108	11/8/2018	N	**50**	**110**	150 U	**33000**	**7700**	**4.2**	--	1 U	**2.1**	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-20190829	8/29/2019	N	**30**	**140**	150 UJ	**38000**	**6900**	**9.4**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-WG-19990507	5/7/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10 U	--	--	--
C29-MW2	C29-MW2-181108	11/8/2018	N	--	--	--	--	--	**2.9**	--	1 U	2 U	2 U	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-20190905	9/5/2019	N	--	--	--	--	--	**2.9**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HMB1	HMB1-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	10 U	--	--	--
HMB1	HMB-1-181108	11/8/2018	N	--	--	--	--	--	**25**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
HMB1	HMB1-20190829	8/29/2019	N	--	--	--	--	--	**17**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
HMB1	HMB1-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW1-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW1-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	10 U	--	--	--
MW1	MW1-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	10 U	--	--	--
MW1	MW1-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW1-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW-1-181105	11/5/2018	N	--	--	--	--	--	**14**	--	1 U	2 U	2 U	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
MW1	MW-1-20190830	8/30/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW-1-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	MW2-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	MW2-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	10 U	--	--	--
MW2	MW2-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	10 U	--	--	--
MW2	MW2-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	MW2-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	MW-2-181105	11/5/2018	N	**50**	**200**	150 U	**27000**	**2000**	**12**	--	1 U	2 U	2 U	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--

Table 10
Former Building C-29 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Conventionals					Dissolved Metals									Total Metals						
				Analyte:	Ethene	Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Barium	Cadmium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Arsenic	Barium	Cadmium	Chromium, Total	Copper	Lead	Mercury
				CAS RN:	74-85-1	74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-39-3	7440-43-9	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	7440-38-2	7440-39-3	7440-43-9	7440-47-3	7440-50-8	7439-92-1	7439-97-6
				Project SL:			10000			13.6		5	100	100	15	2			13.6		5	100		15	2
				MTCA Method C SL:						0.580									0.580						
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																						
MW2	MW-2-20190830	8/30/2019	N	10 U	**230**	150 UJ	**30000**	**1700**	**7.5**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
MW2	MW-2-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW3-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW3-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	--	--	--
MW3	MW3-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	--	--	--
MW3	MW3-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW3-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW-3-181105	11/5/2018	N	--	--	--	--	--	**2.7**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
MW3	MW-3-20190830	8/30/2019	N	--	--	--	--	--	**2.5**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
MW3	MW-3-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	MW4-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**330**	**320**	--	--
MW4	MW4-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	--	--	--
MW4	MW4-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	--	10 U	--	--	--
MW4	MW4-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	MW4-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	MW-4-181107	11/7/2018	N	10 U	**540**	150 U	**40000**	**4200**	**6.9**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
MW4	MW-4-20190830	8/30/2019	N	**20**	**1500**	150 UJ	**4800**	**5700**	**2.8**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
MW4	MW-4-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RIGW-2	RIGW-2-230926	9/26/2023	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RIGW-2	RIGW-2-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RIGW-3	RIGW-3-230926	9/26/2023	N	--	--	--	--	--	**10**	--	1 U	2 U	--	1 U	0.2 U	--	--	**9.7**	--	1 U	2 U	--	1 U	0.2 U	
RIGW-3	RIGW-3-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-111	RISB-111-GW-240619	6/19/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-116	RISB-116-GW	5/21/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-117	RISB-117-GW	5/22/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-30	RISB-30-GW	3/22/2019	N	--	--	--	--	--	**5.8**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-31	RISB-31-GW	4/9/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-41	RISB-41-GW	4/4/2019	N	--	--	--	--	--	**6.0**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--

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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Conventionals					Dissolved Metals									Total Metals						
				Analyte:	Ethene	Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Barium	Cadmium	Chromium, Total	Chromium, Trivalent	Lead	Mercury	Nickel	Zinc	Arsenic	Barium	Cadmium	Chromium, Total	Copper	Lead	Mercury
				CAS RN:	74-85-1	74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-39-3	7440-43-9	7440-47-3	16065-83-1	7439-92-1	7439-97-6	7440-02-0	7440-66-6	7440-38-2	7440-39-3	7440-43-9	7440-47-3	7440-50-8	7439-92-1	7439-97-6
				Project SL:			10000			13.6		5	100	100	15	2			13.6		5	100		15	2
				MTCA Method C SL:						0.580									0.580						
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																						
RISB-42	RISB-42-GW	4/3/2019	N	--	--	--	--	--	**1.3**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-43	RISB-43-GW	4/4/2019	N	--	--	--	--	--	**7.8**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-44	RISB-44-GW	4/5/2019	N	--	--	--	--	--	**5.7**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-45	RISB-45-GW	4/4/2019	N	--	--	--	--	--	**2.9**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-45	DUP-GW-190404	4/4/2019	FD	--	--	--	--	--	**2.9**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-46	RISB-46-GW	4/3/2019	N	--	--	--	--	--	1 U	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-47	RISB-47-GW	4/5/2019	N	--	--	--	--	--	**2.9**	--	1 U	2 U	2 U	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-48	RISB-48-GW	4/5/2019	N	--	--	--	--	--	**1.9**	--	1 U	**2.6**	**2.6**	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
RISB-52	RISB-52-GW	3/22/2019	N	10 U	**20**	**300**	**21000**	**3200**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-64	RISB-64-GW	8/30/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-65	RISB-65-GW	8/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-66	RISB-66-GW	8/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-67	RISB-67-GW	8/30/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-76	RISB-76-GW-221122	11/22/2022	N	--	--	--	--	--	**4.7**	--	1 U	2 U	--	1 U	0.2 U	--	--	**73**	--	**1.9**	**470**	--	**66**	**0.58**	
RISB-77	RISB-77-GW-221123	11/23/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-78	RISB-78-GW-221129	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-79	RISB-79-GW-221129	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-80	RISB-80-GW-221108	11/8/2022	N	--	--	--	--	--	**12**	**51**	1 U	2 U	--	1 U	0.2 U	**40**	2.5 U	**14**	**150**	1 U	**35**	--	**3.1**	0.2 U	
SCPWD-1	SCPWD-1-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	10 U	--	--	--	--	--	--	--	--	10 U	--	--	--	--
SCPWD-1	SCPWD-1-181108	11/8/2018	N	**50**	**290**	150 U	**8600**	**4900**	**7.7**	--	**1.7**	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
SCPWD-1	SCPWD-1-20190829	8/29/2019	N	**23**	**70**	150 UJ	**8800**	500 U	**7.6**	--	1 U	2 U	--	1 U	0.2 U	--	--	--	--	--	--	--	--	--	--
SCPWD-1	SCPWD-1-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 10
Former Building C-29 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Total Metals		SVOCs										TPH						TPH with SGC	
				Analyte:	Nickel	Zinc	1,4-Dioxane	4-Nitrophenol	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Phenol	Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as Jet-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
				CAS RN:	7440-02-0	7440-66-6	123-91-1	100-02-7	56-55-3	50-32-8	205-99-2	207-08-9	218-01-9	53-70-3	193-39-5	108-95-2	86290-81-5	PHC_C5-C12	PHC_JETA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40
				Project SL:			0.44										800	800	500	500	500	500	500	500
				MTCA Method C SL:			4.4																	
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																					
AF-1	AF-1-WG-19960105	1/5/1996	N	--	**58**	--	**16 J**	--	--	--	--	--	--	--	**56**	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW1	C29-MW1-181108	11/8/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**160**	--	--	**1400**	**450 J**	--	--
C29-MW1	C29-MW1-20190829	8/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**170 J**	--	--	**720**	**600**	--	--
C29-MW1	C29-MW1-20240814	8/14/2024	N	--	--	**18**	--	**0.19**	**0.040**	**0.051**	**0.041**	**0.026**	**0.037**	**0.042**	--	--	**120**	--	--	**1100**	**300**	**320**	250 U
C29-MW2	C29-MW2-WG-19990507	5/7/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C29-MW2	C29-MW2-181108	11/8/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**160**	250 U	--	--
C29-MW2	C29-MW2-20190905	9/5/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	130 U	250 U	--	--
C29-MW2	C29-MW2-240813	8/13/2024	N	--	--	**0.088**	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	50 U	--	--	**290**	**970**	**200**	**980**
HMB1	HMB1-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HMB1	HMB-1-181108	11/8/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**230**	250 U	--	--
HMB1	HMB1-20190829	8/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**150**	**390**	--	--
HMB1	HMB1-240813	8/13/2024	N	--	--	0.04 U	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	50 U	--	--	**130 U**	250 U	**150**	250 U
MW1	MW1-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	**1000**	--	1000 U	1000 U	--	--	--	--
MW1	MW1-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW1-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW1-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW1-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	**50**	--	--	**320**	--	--	--	--
MW1	MW-1-181105	11/5/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**270**	250 U	--	--
MW1	MW-1-20190830	8/30/2019	N	--	--	**190**	--	--	--	--	--	--	--	--	--	--	50 U	--	--	130 U	**360**	--	--
MW1	MW-1-240813	8/13/2024	N	--	--	**140**	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	50 U	--	--	**400**	250 U	130 U	250 U
MW2	MW2-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	**2000**	--	**1000**	1000 U	--	--	--	--
MW2	MW2-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	MW2-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	MW2-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	MW2-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	**55**	--	--	**150**	--	--	--	--
MW2	MW-2-181105	11/5/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	130 U	250 U	--	--

Table 10
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TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Total Metals		SVOCs											TPH						TPH with SGC	
				Analyte:	Nickel	Zinc	1,4-Dioxane	4-Nitrophenol	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Phenol	Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as Jet-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
				CAS RN:	7440-02-0	7440-66-6	123-91-1	100-02-7	56-55-3	50-32-8	205-99-2	207-08-9	218-01-9	53-70-3	193-39-5	108-95-2	86290-81-5	PHC_C5-C12	PHC_JETA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40
				Project SL:			0.44										800	800	500	500	500	500	500	500
				MTCA Method C SL:			4.4																	
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type																					
MW2	MW-2-20190830	8/30/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	130 U	250 U	--	--
MW2	MW-2-240813	8/13/2024	N	--	--	**27**	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	**110**	--	--	**180**	250 U	130 U	250 U
MW3	MW3-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	1000 U	--	**1300**	1000 U	--	--	--	--
MW3	MW3-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW3-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW3-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW3-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**380**	--	--	--	--
MW3	MW-3-181105	11/5/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**820**	--	--	**270**	250 U	--	--
MW3	MW-3-20190830	8/30/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**950**	--	--	**140**	**300**	--	--
MW3	MW-3-240813	8/13/2024	N	--	--	**21**	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	**700**	--	--	**370**	**290**	130 U	250 U
MW4	MW4-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	--	--	**2000**	--	**1100**	1000 U	--	--	--	--
MW4	MW4-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	MW4-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	MW4-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	MW4-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	**1100**	--	--	**990**	--	--	--	--
MW4	MW-4-181107	11/7/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**270**	--	--	**490**	250 U	--	--
MW4	MW-4-20190830	8/30/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	**690**	--	--	**800**	**350 J**	--	--
MW4	MW-4-20240814	8/14/2024	N	--	--	0.04 U	--	0.1 U	0.1 U	0.1 U	0.1 U	**1.2**	0.1 U	0.1 U	--	--	**530**	--	--	**1200**	250 U	**530**	250 U
RIGW-2	RIGW-2-230926	9/26/2023	N	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**300**	250 U	**300**	250 U
RIGW-2	RIGW-2-20240814	8/14/2024	N	--	--	**0.16**	--	--	--	--	--	--	--	--	--	--	50 U	--	--	--	--	--	--
RIGW-3	RIGW-3-230926	9/26/2023	N	--	--	**6.3**	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	50 U	--	--	130 U	250 U	--	--
RIGW-3	RIGW-3-20240814	8/14/2024	N	--	--	**4.3**	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	50 U	--	--	210 U	250 U	130 U	250 U
RISB-111	RISB-111-GW-240619	6/19/2024	N	--	--	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-116	RISB-116-GW	5/21/2024	N	--	--	**0.064**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-117	RISB-117-GW	5/22/2024	N	--	--	**0.093**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-30	RISB-30-GW	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**270**	250 U	--	--
RISB-31	RISB-31-GW	4/9/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-41	RISB-41-GW	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**150**	250 U	--	--

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Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Total Metals		SVOCs											TPH						TPH with SGC	
				Analyte:	Nickel	Zinc	1,4-Dioxane	4-Nitrophenol	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Phenol	Gasoline	Petroleum Hydrocarbons GRO C5-C12	Petroleum Hydrocarbons as Jet-A	Petroleum Hydrocarbons as Diesel	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C40
				CAS RN:	7440-02-0	7440-66-6	123-91-1	100-02-7	56-55-3	50-32-8	205-99-2	207-08-9	218-01-9	53-70-3	193-39-5	108-95-2	86290-81-5	PHC_C5-C12	PHC_JETA	PHC_DIESEL	PHC_C12-C24	PHC_C24-C40	PHC_C12-C24	PHC_C24-C40
				Project SL:			0.44										800	800	500	500	500	500	500	500
				MTCA Method C SL:			4.4																	
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type																					
RISB-42	RISB-42-GW	4/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**110**	--	--	260 U	**1900**	--	--
RISB-43	RISB-43-GW	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	130 U	250 U	--	--
RISB-44	RISB-44-GW	4/5/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**260**	250 U	--	--
RISB-45	RISB-45-GW	4/4/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**6800**	--	--	**2200**	**5000**	--	--
RISB-45	DUP-GW-190404	4/4/2019	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**6600**	--	--	**1700**	**4100**	--	--
RISB-46	RISB-46-GW	4/3/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**140**	--	--	**690**	**1500**	--	--
RISB-47	RISB-47-GW	4/5/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**69**	--	--	**460**	**380**	--	--
RISB-48	RISB-48-GW	4/5/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**3400**	**6500**	--	--
RISB-52	RISB-52-GW	3/22/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**220**	**350**	--	--
RISB-64	RISB-64-GW	8/30/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**240**	250 U	--	--
RISB-65	RISB-65-GW	8/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**140**	250 U	--	--
RISB-66	RISB-66-GW	8/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**500 J**	--	--	**600**	**530**	--	--
RISB-67	RISB-67-GW	8/30/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**96 J**	--	--	**250**	250 U	--	--
RISB-76	RISB-76-GW-221122	11/22/2022	N	--	--	**1.6**	--	0.02 R	0.02 R	**0.031 J-**	0.02 R	0.02 R	0.02 R	0.02 R	--	--	--	**55 J-**	--	--	**230 J**	**300**	--	--
RISB-77	RISB-77-GW-221123	11/23/2022	N	--	--	**0.71**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-78	RISB-78-GW-221129	11/29/2022	N	--	--	0.4 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-79	RISB-79-GW-221129	11/29/2022	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISB-80	RISB-80-GW-221108	11/8/2022	N	**78**	**44**	**9.7 J-**	--	**0.026 J-**	0.02 R	**0.041 J-**	0.02 R	**0.032 J-**	0.02 R	0.02 R	--	--	--	50 U	--	--	**350**	250 U	--	--
SCPWD-1	SCPWD-1-WG-19990224	2/24/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SCPWD-1	SCPWD-1-181108	11/8/2018	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**390 J**	**510**	**130 U**	**380**
SCPWD-1	SCPWD-1-20190829	8/29/2019	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	50 U	--	--	**260**	250 U	--	--
SCPWD-1	SCPWD-1-20240814	8/14/2024	N	--	--	**5.0**	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	--	--	--	50 U	--	--	**350**	250 U	**130 U**	250 U

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Paine Field – Everett, Washington

Analyte Group:				VOCs																								
Analyte:				1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Naphthalene	n-Propylbenzene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
CAS RN:				71-55-6	79-00-5	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5	108-67-8	99-87-6	67-64-1	71-43-2	75-00-3	156-59-2	100-41-4	98-82-8	179601-23-1	91-20-3	103-65-1	95-47-6	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
Project SL:				200	0.77	7.7	7	80	0.48	1.2	80		7200	0.8		16	700	800		160	800		5	640	100	0.54	0.029	1600
MTCA Method C SL:					7.7	77			4.8	12				8								200			9.5	0.29	
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																									
AF-1	AF-1-WG-19960105	1/5/1996	N	--	--	--	--	**2.6**	--	--	**2.5**	**2.0**	--	--	--	**13**	--	--	**1.1**	**2.4**	--	**1.1**	--	**4.8**	--	**31**	**4.8**	--
C29-MW1	C29-MW1-WG-19960507	5/7/1996	N	--	--	--	5 U	--	--	--	--	--	--	--	--	**21000**	--	--	--	--	--	--	--	--	800 U	**74700**	800 U	--
C29-MW1	C29-MW1-WG-19990224	2/24/1999	N	--	--	--	--	--	**13**	--	--	--	--	--	**27**	**26000**	--	--	--	--	--	--	4 U	--	**490**	**18,000**	**80**	--
C29-MW1	C29-MW1-181108	11/8/2018	N	2 U	0.5 U	2 U	**71**	2 U	**1.5**	0.5 U	2 U	2 U	25 U	**3.4**	2 U	**8300**	2 U	2 U	--	2 U	2 U	--	2 U	**3.9**	**220**	**12000**	**1300**	**2.8**
C29-MW1	C29-MW1-20190829	8/29/2019	N	2 U	0.5 U	2 U	**95**	2 U	**2.3**	0.5 U	2 U	--	25 U	**9.1**	2 U	**11000**	2 U	2 U	--	2 U	2 U	--	2 U	**5.8**	**350**	**15000**	**940**	2 U
C29-MW1	C29-MW1-20240814	8/14/2024	N	2 U	0.5 U	2 U	**72**	2 U	**2.2**	0.5 U	2 U	--	25 U	**5.5**	2 U	**8200**	2 U	2 U	--	2 U	2 U	--	2 U	**5.1**	**350**	**17000**	**1300**	**2.4**
C29-MW2	C29-MW2-WG-19990507	5/7/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	**956**	--	--	--	--	--	--	--	--	80 U	**10400**	80 U	--
C29-MW2	C29-MW2-181108	11/8/2018	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	2 U	25 U	0.5 U	2 U	**99**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**4.9**	**85**	**0.24**	2 U
C29-MW2	C29-MW2-20190905	9/5/2019	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	**230**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**3.3**	**250**	**0.27**	2 U
C29-MW2	C29-MW2-240813	8/13/2024	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	**220**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**9.6**	**3.9**	2 U
HMB1	HMB1-WG-19990224	2/24/1999	N	--	--	--	5 U	--	5 U	--	--	--	--	--	5 U	5 U	--	--	--	--	--	--	4 U	--	5 U	5 U	5 U	--
HMB1	HMB-1-181108	11/8/2018	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	2 U	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	0.02 U	2 U
HMB1	HMB1-20190829	8/29/2019	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**0.72**	0.02 U	2 U
HMB1	HMB1-240813	8/13/2024	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	**0.040**	2 U
MW1	MW1-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	**7.8**	--	--	**2**	--	--	--	--	--	--	**3.7**	--	--	--	**1.8**
MW1	MW1-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	**3730**	--	--	--	--	--	--	--	--	**189**	**1490**	80 U	--
MW1	MW1-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW1	MW1-WG-19990224	2/24/1999	N	--	--	--	**34**	--	5 U	--	--	--	--	--	5 U	**6700**	--	--	--	--	--	--	4 U	--	**460**	**4400**	**85**	--
MW1	MW1-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	**33**	--	--	10 U	--	--	--	--	--	--	10 U	--	--	--	30 U
MW1	MW-1-181105	11/5/2018	N	2 U	0.5 U	2 U	**24**	2 U	**8.4**	0.5 U	2 U	2 U	25 U	**42**	2 U	**5500**	2 U	2 U	--	2 U	2 U	--	2 U	**2.8**	**520**	**3000**	**160**	2 U
MW1	MW-1-20190830	8/30/2019	N	2 U	0.5 U	2 U	**24**	2 U	**6.8**	0.5 U	2 U	--	25 U	**36**	2 U	**5300**	2 U	2 U	--	2 U	2 U	--	2 U	**2.8**	**430**	**3900**	**120**	2 U
MW1	MW-1-240813	8/13/2024	N	2 U	0.5 U	2 U	**17**	2 U	**5.0**	0.5 U	2 U	--	25 U	**40**	2 U	**3200**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**540**	**2000**	**100**	2 U
MW2	MW2-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	**13**	--	--	**88**	--	--	--	--	--	--	**47**	--	--	--	**470**
MW2	MW2-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	**301**	--	--	--	--	--	--	--	--	8 U	**33.9**	**131**	--
MW2	MW2-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	MW2-WG-19990224	2/24/1999	N	--	--	--	**9**	--	**8**	--	--	--	--	--	5 U	**2600**	--	--	--	--	--	--	4 U	--	**50**	**79**	**920**	--
MW2	MW2-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	**12**	--	--	**5**	--	--	--	--	--	--	**2**	--	--	--	**4**
MW2	MW-2-181105	11/5/2018	N	2 U	0.5 U	2 U	**2.0**	2 U	**2.1**	0.5 U	2 U	2 U	25 U	**2.8**	2 U	**330**	**4.7**	2 U	--	2 U	2 U	--	2 U	2 U	**68**	**36**	**66**	**2.3**

Table 10
Former Building C-29 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	VOCs																										
				Analyte:	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Naphthalene	n-Propylbenzene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
				CAS RN:	71-55-6	79-00-5	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5	108-67-8	99-87-6	67-64-1	71-43-2	75-00-3	156-59-2	100-41-4	98-82-8	179601-23-1	91-20-3	103-65-1	95-47-6	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
				Project SL:	200	0.77	7.7	7	80	0.48	1.2	80		7200	0.8		16	700	800		160	800		5	640	100	0.54	0.029	1600
				MTCA Method C SL:		7.7	77			4.8	12				8									200			9.5	0.29	
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type																												
MW2	MW-2-20190830	8/30/2019	N	2 U	0.5 U	2 U	2 U	2 U	**1.1**	0.5 U	2 U	--	25 U	**3.2**	2 U	**230**	**3.9**	2 U	--	2 U	2 U	--	2 U	2 U	**24**	**22**	**53**	2 U
MW2	MW-2-240813	8/13/2024	N	2 U	0.5 U	2 U	**5.1**	2 U	**3.2**	0.5 U	2 U	--	25 U	**9.6**	2 U	**980**	**17**	**3.4**	--	2 U	2 U	--	2 U	**3.5**	**74**	**19**	**310**	2 U
MW3	MW3-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	**65**	--	--	**0.6**	--	--	--	--	--	--	**3.2**	--	--	--	**1.8**
MW3	MW3-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW3-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW3	MW3-WG-19990224	2/24/1999	N	--	--	--	**120**	--	**180**	--	--	--	--	--	5 U	**9400**	--	--	--	--	--	--	4 U	--	**530**	**7900**	**440**	--
MW3	MW3-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	**42**	--	--	10 U	--	--	--	--	--	--	10 U	--	--	--	30 U
MW3	MW-3-181105	11/5/2018	N	2 U	0.5 U	2 U	**11 J**	**13 J**	**7.8 J**	0.5 U	2 U	2 U	25 U	**21 J**	2 U	**1300**	**110**	**25 J**	--	2 U	**5.0 J**	--	2 U	**24 J**	**220**	**150**	**1400**	**11 J**
MW3	MW-3-20190830	8/30/2019	N	2 U	0.5 U	2 U	**19 J**	**6.1 J**	**7.7 J**	0.5 U	2 U	--	25 U	**16 J**	2 U	**2300**	**100**	**28 J**	--	2 U	**8.0 J**	--	2 U	**19 J**	**230**	**890**	**1500**	**8.4 J**
MW3	MW-3-240813	8/13/2024	N	2 U	0.5 U	2 U	**11**	2 U	**3.7**	0.5 U	2 U	--	25 U	**9.2**	2 U	**1800**	**58**	**23**	--	2 U	**5.7**	--	2 U	**7.0**	**220**	**590**	**700**	**3.9**
MW4	MW4-WG-19940427	4/27/1994	N	--	--	--	--	--	--	--	--	--	--	**130**	--	--	**75**	--	--	--	--	--	--	**8.7**	--	--	--	**80**
MW4	MW4-WG-19960507	5/7/1996	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	MW4-WG-19980224	2/24/1998	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW4	MW4-WG-19990224	2/24/1999	N	--	--	--	5 U	--	5 U	--	--	--	--	--	5 U	**83**	--	--	--	--	--	--	4 U	--	**58**	**19**	**1100**	--
MW4	MW4-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	**160**	--	--	**96**	--	--	--	--	--	--	10 U	--	--	--	130 U
MW4	MW-4-181107	11/7/2018	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	2 U	25 U	**3.3 J**	2 U	2 U	**11 J**	**13 J**	--	**2.8 J**	**3.8 J**	--	2 U	2 U	2 U	0.5 U	0.02 U	2 U
MW4	MW-4-20190830	8/30/2019	N	2 U	0.5 U	2 U	2 U	2 U	**0.26 J**	0.5 U	2 U	--	25 U	**8.5 J**	2 U	2 U	**39 J**	**23 J**	--	**2.9 J**	**8.1 J**	--	2 U	2 U	2 U	**2.6 J**	**0.50 J**	**3.1 J**
MW4	MW-4-20240814	8/14/2024	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	**6.6**	2 U	2 U	**16**	**18**	--	**22**	**7.2**	--	2 U	2 U	2 U	**0.51**	**0.16**	**4.2**
RIGW-2	RIGW-2-230926	9/26/2023	N	2 U	0.5 U	2 U	2 U	2 U	**0.12**	0.5 U	2 U	2 U	25 U	**0.76**	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**1.2**	**30**	2 U
RIGW-2	RIGW-2-20240814	8/14/2024	N	2 U	0.5 U	2 U	2 U	2 U	**0.15**	0.5 U	2 U	--	25 U	0.5 U	2 U	**18**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**5.9**	**10**	2 U
RIGW-3	RIGW-3-230926	9/26/2023	N	2 U	0.5 U	2 U	**28**	2 U	**160**	**1.5**	2 U	2 U	25 U	0.5 U	2 U	**1900**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**470**	**1700**	**260**	2 U
RIGW-3	RIGW-3-20240814	8/14/2024	N	2 U	0.5 U	2 U	**22**	2 U	**190**	**1.4**	2 U	--	25 U	0.5 U	2 U	**2000**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**610**	**1900**	**290**	2 U
RISB-111	RISB-111-GW-240619	6/19/2024	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	**82**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**1.9**	**7.1**	2 U
RISB-116	RISB-116-GW	5/21/2024	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	2 U	**27**	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	**0.066**	2 U
RISB-117	RISB-117-GW	5/22/2024	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	2 U	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	0.02 U	2 U
RISB-30	RISB-30-GW	3/22/2019	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	**2.7**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	**0.19**	2 U
RISB-31	RISB-31-GW	4/9/2019	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	**0.089**	2 U
RISB-41	RISB-41-GW	4/4/2019	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	**0.11**	2 U

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Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analyte Group:				VOCs																								
Analyte:				1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	4-Isopropyltoluene	Acetone	Benzene	Chloroethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	m-&p-Xylenes	Naphthalene	n-Propylbenzene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	Xylenes, Total
CAS RN:				71-55-6	79-00-5	75-34-3	75-35-4	95-63-6	107-06-2	78-87-5	108-67-8	99-87-6	67-64-1	71-43-2	75-00-3	156-59-2	100-41-4	98-82-8	179601-23-1	91-20-3	103-65-1	95-47-6	127-18-4	108-88-3	156-60-5	79-01-6	75-01-4	1330-20-7
Project SL:				200	0.77	7.7	7	80	0.48	1.2	80		7200	0.8		16	700	800		160	800		5	640	100	0.54	0.029	1600
MTCA Method C SL:					7.7	77			4.8	12				8									200		9.5	0.29	
Units:				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	Field Sample ID	Sampling Date	Sample Type																									
RISB-42	RISB-42-GW	4/3/2019	N	2 U	0.5 U	2 U	**3.5**	2 U	**5.2**	0.5 U	2 U	--	25 U	**15**	2 U	**1100**	**18**	**3.2**	--	2 U	2 U	--	2 U	**12**	**110**	**19**	**590**	**3.1**
RISB-43	RISB-43-GW	4/4/2019	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	0.02 U	2 U
RISB-44	RISB-44-GW	4/5/2019	N	2 U	0.5 U	2 U	**6.2**	2 U	**40**	**0.53**	2 U	--	25 U	0.5 U	2 U	**1700**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**120**	**1100**	**73**	2 U
RISB-45	RISB-45-GW	4/4/2019	N	**28**	0.5 U	**71**	**190**	**2.2**	**290**	0.5 U	2 U	--	25 U	**1.1**	2 U	**2600**	**4.9**	2 U	--	**2.3**	2 U	--	**9700**	**38**	**82**	**340000**	**110**	**29**
RISB-45	DUP-GW-190404	4/4/2019	FD	**30**	0.5 U	**72**	**200**	**2.2**	**290**	0.5 U	2 U	--	25 U	0.5 U	2 U	**2800**	**5.1**	2 U	--	**2.3**	2 U	--	**9400**	**40**	**72**	**340000**	**110**	**30**
RISB-46	RISB-46-GW	4/3/2019	N	**15**	0.5 U	**11**	**30**	2 U	**14**	**0.78**	2 U	--	25 U	**0.51**	2 U	**5100**	2 U	2 U	--	2 U	2 U	--	**250**	2 U	**46**	**17000**	**85**	2 U
RISB-47	RISB-47-GW	4/5/2019	N	2 U	0.5 U	2 U	**67**	2 U	0.02 U	0.5 U	2 U	--	25 U	**2.0**	2 U	**2200**	2 U	2 U	--	2 U	2 U	--	**5.5**	**12**	**320**	**24000**	**52**	2 U
RISB-48	RISB-48-GW	4/5/2019	N	2 U	0.5 U	2 U	**23**	2 U	**130**	0.5 U	2 U	--	25 U	**4.0**	2 U	**3600**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**560**	**2300**	**480**	2 U
RISB-52	RISB-52-GW	3/22/2019	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	**0.66**	2 U	**81**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**28**	**85**	**4.4**	2 U
RISB-64	RISB-64-GW	8/30/2019	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**18**	**0.058**	2 U
RISB-65	RISB-65-GW	8/29/2019	N	2 U	0.5 U	2 U	2 U	2 U	**8.3**	0.5 U	2 U	--	25 U	0.5 U	2 U	**26**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**160**	**1.8**	2 U
RISB-66	RISB-66-GW	8/29/2019	N	**150**	5 U	**200**	**190**	20 U	**1.7**	5 U	20 U	--	250 U	5 U	20 U	**13000**	20 U	20 U	--	20 U	20 U	--	**210**	20 U	**78**	**71000**	**270**	20 U
RISB-67	RISB-67-GW	8/30/2019	N	**3.7**	0.5 U	**190**	**97**	2 U	**0.69**	0.5 U	2 U	--	25 U	**0.65**	**3.7**	**4300**	2 U	2 U	--	2 U	2 U	--	**36**	**2.3**	**41**	**49000**	**200**	2 U
RISB-76	RISB-76-GW-221122	11/22/2022	N	2 U	0.5 U	2 U	**19**	2 U	**28**	0.5 U	2 U	--	25 U	**2.1**	2 U	**280**	2 U	2 U	--	2 U	2 U	--	**7.1**	**2.9**	**11**	**1200 J**	**19**	2 U
RISB-77	RISB-77-GW-221123	11/23/2022	N	2 U	0.5 U	2 U	2 U	2 U	**0.076**	0.5 U	2 U	--	25 U	0.5 U	2 U	**72**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**20**	**10**	2 U
RISB-78	RISB-78-GW-221129	11/29/2022	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	2 U	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	0.5 U	0.02 U	2 U
RISB-79	RISB-79-GW-221129	11/29/2022	N	2 U	0.5 U	2 U	2 U	2 U	0.02 U	0.5 U	2 U	--	25 U	0.5 U	2 U	**4.6**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	2 U	**9.0**	**0.16**	2 U
RISB-80	RISB-80-GW-221108	11/8/2022	N	2 U	0.5 U	2 U	**3.9**	2 U	**270 J**	**1.0**	2 U	2 U	25 U	0.5 U	2 U	**650 J**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**37**	**1200 J**	**9.8**	2 U
SCPWD-1	SCPWD-1-WG-19990224	2/24/1999	N	--	--	--	**45**	--	5 U	--	--	--	--	--	5 U	**7400**	--	--	--	--	--	--	4 U	--	**79**	**17,000**	**880**	--
SCPWD-1	SCPWD-1-181108	11/8/2018	N	2 U	0.5 U	2 U	**58**	2 U	0.02 U	0.5 U	2 U	2 U	25 U	**3.7**	2 U	**7300**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**180**	**6600**	**1500**	2 U
SCPWD-1	SCPWD-1-20190829	8/29/2019	N	2 U	0.5 U	2 U	**66**	2 U	**0.17**	0.5 U	2 U	--	25 U	**4.7**	2 U	**9600**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**180**	**10000**	**1600**	2 U
SCPWD-1	SCPWD-1-20240814	8/14/2024	N	2 U	0.5 U	2 U	**70**	2 U	0.02 U	0.5 U	2 U	--	25 U	**3.6**	2 U	**6200**	2 U	2 U	--	2 U	2 U	--	2 U	2 U	**190**	**7900**	**1400**	2 U

Table 10
Former Building C-29 – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Notes:

Bold text indicates detected analyte**.**

Blue shading = exceeds project SL

Orange shading = exceeds MTCA Method C SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

UJ = The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

J- = The result is an estimated quantity and the result may be biased low.

R = The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

Abbreviations and Acronyms:

-- = not analyzed

µg/L = micrograms per liter

CAS = Chemical Abstracts Service

FD = field duplicate

ID = identification

MTCA = Model Toxics Control Act

N = primary sample

RI = remedial investigation

RN = registry number

SGC = silica-gel cleanup

SL = screening level

SVOC = semivolatile organic compound

TPH = total petroleum hydrocarbons

VOC = volatile organic compound

Table 11
Former Building C-29 – Groundwater PFAS Analytical Results
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analytical Method:					EPA 163																
Analyte:					1,1,2,2-Tetrafluoro-2-(perfluoroethoxy)ethanesulfonic acid (PFEESA)	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	2,2,3,3,4,4-Hexafluoro-4-(trifluoromethoxy)butanoic acid (PFMBA)	2,2,3,3-Tetrafluoro-3-(trifluoromethoxy)propanoic acid (PFMPA)	2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	2H,2H,3H,3H-Perfluorohexanoic acid (3:3 FTCA)	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer sulfonic acid (6:2 FTS)	8:2 Fluorotelomer sulfonic acid (8:2 FTS)	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	Hexafluoropropylene oxide dimer acid (HFPO-DA)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Methyl perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)	N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE)
CAS RN:					113507-82-7	763051-92-9	863090-89-5	377-73-1	812-70-4	356-02-5	914637-49-3	919005-14-4	757124-72-4	27619-97-2	39108-34-4	756426-58-1	13252-13-6	4151-50-2	2991-50-6	1691-99-2	31506-32-8	2355-31-9	24448-09-7
Units:					ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
Project Specific SL:																	24						
MTCA Method C SL:																	53						
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**	**Task**																			
HMBI	HMBI-20240813	8/13/2024	N	TECT AO RI	2.87 U	6.05 U	3.23 U	3.23 U	40.3 U	8.07 U	40.3 U	6.37 U	6.05 U	**93.2**	**7.23**	6.29 U	6.74 U	1.61 U	1.61 U	16.1 U	1.61 U	1.61 U	16.1 U
HMBI	DUP-20240813	8/13/2024	N	TECT AO RI	2.88 U	6.05 U	3.23 U	3.23 U	40.4 U	8.07 U	40.4 U	6.38 U	6.05 U	**92.8**	**7.17**	6.30 U	6.74 U	1.61 U	1.61 U	16.1 U	1.61 U	1.61 U	16.1 U
Field Blank	FB-20240813	8/13/2024	N	TECT AO RI	2.83 U	5.97 U	3.18 U	3.18 U	39.8 U	7.96 U	39.8 U	6.29 U	5.97 U	6.04 U	6.11 U	6.21 U	6.64 U	1.59 U	1.59 U	15.9 U	1.59 U	1.59 U	15.9 U
Rinsate Blank	RB-20240813	8/13/2024	N	TECT AO RI	2.84 U	5.98 U	3.19 U	3.19 U	39.9 U	7.97 U	39.9 U	6.30 U	5.98 U	6.05 U	6.12 U	6.22 U	6.66 U	1.59 U	1.59 U	15.9 U	1.59 U	1.59 U	15.9 U

Table 11
Former Building C-29 – Groundwater PFAS Analytical Results
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

Analytical Method:					33																			
Analyte:					Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	Perfluorobutanesulfonic Acid (PFBS)	Perfluorobutanoic acid (PFBA)	Perfluorodecane sulfonic acid (PFDS)	Perfluorodecanoic acid (PFDA)	Perfluorododecane Sulfonic Acid (PFDoDS)	Perfluorododecanoic acid (PFDOA)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluoroheptanoic acid (PFHpA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorohexanoic acid (PFHxA)	Perfluorononane sulfonic acid (PFNS)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonamide (PFOSA)	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluoropentane sulfonic acid (PFPeS)	Perfluoropentanoic acid (PFPeA)	Perfluorotetradecanoic acid (PFTDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluoroundecanoic acid (PFUnA)
CAS RN:					151772-58-6	375-73-5	375-22-4	335-77-3	335-76-2	79780-39-5	307-55-1	375-92-8	375-85-9	355-46-4	307-24-4	68259-12-1	375-95-1	754-91-6	1763-23-1	335-67-1	2706-91-4	2706-90-3	376-06-7	72629-94-8	2058-94-8
Units:					ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
Project Specific SL:						4,800	8,000							160	8,000		40		1.6	0.48					
MTCA Method C SL:						11,000	18,000							340	18,000		88		3.5	0.03					
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**	**Task**																					
HMBI	HMBI-20240813	8/13/2024	N	TECT AO RI	3.23 U	**1.70**	**55.0**	1.55 U	1.61 U	1.56 U	1.61 U	1.53 U	**73.1**	**10.4**	**79.8**	1.55 U	**7.06**	**5.21 I**	**24.2**	**32.2**	1.51 U	**155**	1.61 U	1.61 U	1.61 U
HMBI	DUP-20240813	8/13/2024	N	TECT AO RI	3.23 U	**1.71**	**55.9**	1.55 U	1.61 U	1.56 U	1.61 U	1.53 U	**71.1**	**10.9**	**71.0**	1.55 U	**7.12**	**5.30**	**25.9**	**32.5**	1.51 U	**163**	1.61 U	1.61 U	1.61 U
Field Blank	FB-20240813	8/13/2024	N	TECT AO RI	3.18 U	1.41 U	6.36 U	1.53 U	1.59 U	1.54 U	1.59 U	1.51 U	1.59 U	1.45 U	1.59 U	1.53 U	1.59 U	1.59 U	1.48 U	1.99 U	1.49 U	3.18 U	1.59 U	1.59 U	1.59 U
Rinsate Blank	RB-20240813	8/13/2024	N	TECT AO RI	3.19 U	1.42 U	6.38 U	1.53 U	1.59 U	1.54 U	1.59 U	1.51 U	1.59 U	1.46 U	1.59 U	1.53 U	1.59 U	1.59 U	1.49 U	1.99 U	1.49 U	3.19 U	1.59 U	1.59 U	1.59 U

Notes:

Bold text indicates detected analyte.

Blue shading = exceeds project SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the repor

I = Ion transitions ratios outside the acceptance criteria.

Abbreviations and Acronyms:

-- = not analyzed

CAS = Chemical Abstracts Service

EPA = US Environmental Protection Agency

ID = identification

MTCA = Model Toxics Control Act

N = primary sample

ng/L = nanograms per liter

RI = remedial investigation

RN = registry number

SL = screening level

Table 12
Deep Aquifer – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Conventionals				Metals						SVOCs	TPH		VOCs								
				Fraction:	N	N	N	N	D	T	D	T	D	T	N	N	N	N	N	N	N	N	N	N	N	N
				Analyte:	Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Arsenic	Chromium, Total	Chromium, Total	Lead	Lead	1,4-Dioxane	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C36	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	Acetone	Carbon Disulfide	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene
				CAS RN:	74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-38-2	7440-47-3	7440-47-3	7439-92-1	7439-92-1	123-91-1	PHC_C12-C24	PHC_C24-C36	71-55-6	79-00-5	75-35-4	107-06-2	78-87-5	67-64-1	75-15-0	56-23-5	67-66-3	156-59-2
				Project SL:		10000			13.6	13.6	100	100	15	15	0.44	500	500	200	0.77	7	0.48	1.2	7200	800	0.63	1.4	16
				MTCA Method C SL:					0.580	0.580					4.4				7.7		4.8	12			6.3	14	
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																								
DW1	DW1-WG-19991228	12/28/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	5 U	--	--	--	--	5 U
DW1	DW1-WG-20000308	3/8/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	5 U	--	--	--	--	**5**
DW1	DW1-WG-20011024	10/24/2001	N	--	--	--	--	--	--	--	--	--	--	--	--	130 U	--	--	--	--	--	--	--	--	--	--	--
DW1	DW1-WG-20031017	10/17/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	5 U	--	--	--	--	5 U
DW1	DW-1-181107	11/7/2018	N	10 U	**1300**	**11000**	1000 U	--	--	--	--	--	--	--	0.4 U	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
DW1	DW1-190912	9/12/2019	N	10 U	**1200**	**11000**	1000 U	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	**16**
DW1	DW-1-240604	6/4/2024	N	--	--	--	--	--	--	--	--	--	--	--	0.4 U	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	**20**
DW2	DW2-WG-19991228	12/28/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**49**	--	--	**26**	**10**	--	--	--	--	5 U
DW2	DW2-WG-20000308	3/8/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**45**	--	--	**15**	**13**	--	--	--	--	5 U
DW2	DUP-181107	11/7/2018	FD	10 U	**1500**	**14000**	**1500**	--	--	--	--	--	--	--	**1.6**	--	--	2 U	**15**	2 U	**6.0**	**4.5**	25 U	2 U	0.5 U	**0.65**	**3.1**
DW2	DW-2-181107	11/7/2018	N	10 U	**1400**	**12000**	**1400**	--	--	--	--	--	--	--	**1.8**	--	--	2 U	**15**	**2.0**	**6.1**	**4.6**	25 U	2 U	0.5 U	**0.67**	**3.0**
DW2	DW2-190910	9/10/2019	N	10 U	**1400**	**18000**	1000 U	--	--	--	--	--	--	--	0.4 U	--	--	2 U	**6.8 J**	2 U	**4.2 J**	**3.0 J**	25 U	2 U	0.5 U	0.5 U	**190 J**
DW2	DW-2-240605	6/5/2024	N	--	--	--	--	--	--	--	--	--	--	--	**4.7**	--	--	2 U	**45**	**3.0**	**19**	**18**	25 U	2 U	**0.51**	0.5 U	**5.5**
DW3	DW3-WG-20000519	5/19/2000	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5 U	--	--	5 U	5 U	--	--	--	--	5 U
DW3	DW-3-181107	11/7/2018	N	10 U	**3100**	**10000**	1000 U	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
DW3	DW3-190912	9/12/2019	N	10 U	**4800**	**13000**	1000 U	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
DW3	DW3-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	--	0.04 U	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-1	GWDUP-1-190128	1/28/2019	FD	10 U	150 U	**11000**	**4100**	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-1	RIDW-1-190128	1/28/2019	N	10 U	150 U	**13000**	**4300**	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-1	RIDW-1-190912	9/12/2019	N	10 U	150 U	**7400**	1000 U	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-1	RIDW-1-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	--	--	0.04 U	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-2	RIDW-2-190128	1/28/2019	N	10 U	**210**	**72000**	**2700**	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-2	RIDW-2-190911	9/11/2019	N	**20**	**210**	**16000**	**1600**	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	**3.9**	0.5 U	0.5 U	2 U
RIDW-2	RIDW-2-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	--	--	0.04 U	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-3	RIDW-3-190128	1/28/2019	N	10 U	150 U	**21000**	**7400**	--	--	--	--	--	--	--	0.4 U	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-3	RIDW-3-190911	9/11/2019	N	10 U	150 U	**4900**	**1700**	--	--	--	--	--	--	--	--	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-3	RIDW-3-20240815	8/15/2024	N	--	--	--	--	--	--	--	--	--	--	--	0.04 U	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U

Table 12
Deep Aquifer – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

				Analyte Group:	Conventionals				Metals						SVOCs	TPH		VOCs									
				Fraction:	N	N	N	N	D	T	D	T	D	T	N	N	N	N	N	N	N	N	N	N	N	N	N
				Analyte:	Methane	Nitrogen, Nitrate (as N)	Sulfate	Total Organic Carbon	Arsenic	Arsenic	Chromium, Total	Chromium, Total	Lead	Lead	1,4-Dioxane	Petroleum Hydrocarbons DRO C12-C24	Petroleum Hydrocarbons ORO C24-C36	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2-Dichloropropane	Acetone	Carbon Disulfide	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene
				CAS RN:	74-82-8	14797-55-8	14808-79-8	TOC	7440-38-2	7440-38-2	7440-47-3	7440-47-3	7439-92-1	7439-92-1	123-91-1	PHC_C12-C24	PHC_C24-C36	71-55-6	79-00-5	75-35-4	107-06-2	78-87-5	67-64-1	75-15-0	56-23-5	67-66-3	156-59-2
				Project SL:		10000			13.6	13.6	100	100	15	15	0.44	500	500	200	0.77	7	0.48	1.2	7200	800	0.63	1.4	16
				MTCA Method C SL:					0.580	0.580					4.4				7.7		4.8	12			6.3	14	
				Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																								
RIDW-4	RIDW-4-190919	9/19/2019	N	10 U	150 U	**26000**	**8200**	--	--	--	--	--	--	**4.8**	--	--	2 U	**1.1**	2 U	**5.8**	**4.0**	25 U	2 U	0.5 U	**3.5**	**8.5**
RIDW-4	RIDW-4-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	**9.4**	--	--	2 U	**0.90**	2 U	**6.0**	**3.3**	25 U	2 U	0.5 U	0.5 U	**9.2**
RIDW-5	RIDW-5-230925	9/25/2023	N	--	--	--	--	**3.0**	**3.5**	**2.8**	**8.3**	1 U	1 U	**1.6**	**170**	**380**	2 U	0.5 U	2 U	**0.68**	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-5	RIDW-5-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	**1.2**	--	--	2 U	0.5 U	2 U	**0.88**	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-6	RIDW-6-230925	9/25/2023	N	--	--	--	--	**3.3**	**6.2**	**5.9**	**43**	1 U	**3.0**	**1.3**	130 U	250 U	2 U	0.5 U	2 U	**0.56**	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-6	RIDW-6-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	**0.82**	--	--	2 U	0.5 U	2 U	**0.60**	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-6	DUP-2-240813	8/13/2024	FD	--	--	--	--	--	--	--	--	--	--	**0.78**	--	--	2 U	0.5 U	2 U	**0.59**	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-7	RIDW-7-20240814	8/14/2024	N	--	--	--	--	--	--	--	--	--	--	**0.20**	--	--	2 U	0.5 U	2 U	0.02 U	0.5 U	25 U	2 U	0.5 U	0.5 U	2 U
RIDW-8	RIDW-8-240813	8/13/2024	N	--	--	--	--	--	--	--	--	--	--	**3.9**	--	--	2 R	**42 J**	**2.1 J**	**24 J**	**22 J**	**28 J**	2 R	0.5 R	**0.67 J**	**8.5 J**

Table 12
Deep Aquifer – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

			Analyte Group:	**VOCs**						
			Fraction:	N	N	N	N	N	N	
			Analyte:	Methyl Ethyl Ketone	Methylene Chloride	Methyl-tert-butyl ether	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride	
			CAS RN:	78-93-3	75-09-2	1634-04-4	156-60-5	79-01-6	75-01-4	
			Project SL:	4800	5	24	100	0.54	0.029	
			MTCA Method C SL:		200	240		9.5	0.29	
			Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**							
DW1	DW1-WG-19991228	12/28/1999	N	--	--	--	--	**8**	--	
DW1	DW1-WG-20000308	3/8/2000	N	--	--	--	--	**62**	--	
DW1	DW1-WG-20011024	10/24/2001	N	--	--	--	--	--	--	
DW1	DW1-WG-20031017	10/17/2003	N	--	--	--	--	**81**	--	
DW1	DW-1-181107	11/7/2018	N	**40**	5 U	2 U	2 U	**25**	0.02 U	
DW1	DW1-190912	9/12/2019	N	10 U	5 U	2 U	**2.3**	**300**	0.02 U	
DW1	DW-1-240604	6/4/2024	N	10 U	5 U	2 U	**4.1**	**840**	0.02 U	
DW2	DW2-WG-19991228	12/28/1999	N	--	--	--	--	5 U	--	
DW2	DW2-WG-20000308	3/8/2000	N	--	--	--	--	5 U	--	
DW2	DUP-181107	11/7/2018	FD	10 U	5 U	**2.8**	2 U	**2.4**	0.02 U	
DW2	DW-2-181107	11/7/2018	N	10 U	5 U	**2.9**	2 U	**2.4**	0.02 U	
DW2	DW2-190910	9/10/2019	N	10 U	5 UJ	**16**	**16 J**	**120**	**0.92 J**	
DW2	DW-2-240605	6/5/2024	N	10 U	5 U	**17**	2 U	**8.0**	**0.088**	
DW3	DW3-WG-20000519	5/19/2000	N	--	--	--	--	5 U	--	
DW3	DW-3-181107	11/7/2018	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
DW3	DW3-190912	9/12/2019	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
DW3	DW3-240813	8/13/2024	N	10 U	5 U	2 U	2 U	**0.76**	0.02 U	
RIDW-1	GWDUP-1-190128	1/28/2019	FD	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
RIDW-1	RIDW-1-190128	1/28/2019	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
RIDW-1	RIDW-1-190912	9/12/2019	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
RIDW-1	RIDW-1-20240814	8/14/2024	N	10 U	5 U	2 U	2 U	**1.1**	0.02 U	
RIDW-2	RIDW-2-190128	1/28/2019	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
RIDW-2	RIDW-2-190911	9/11/2019	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
RIDW-2	RIDW-2-20240814	8/14/2024	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
RIDW-3	RIDW-3-190128	1/28/2019	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
RIDW-3	RIDW-3-190911	9/11/2019	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U	
RIDW-3	RIDW-3-20240815	8/15/2024	N	10 U	5 U	2 U	2 U	**0.81**	0.02 U	

Table 12
Deep Aquifer – Detected Constituents in Groundwater
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

			Analyte Group:	VOCs					
			Fraction:	N	N	N	N	N	N
			Analyte:	Methyl Ethyl Ketone	Methylene Chloride	Methyl-tert-butyl ether	trans-1,2-Dichloroethene	Trichloroethene	Vinyl Chloride
			CAS RN:	78-93-3	75-09-2	1634-04-4	156-60-5	79-01-6	75-01-4
			Project SL:	4800	5	24	100	0.54	0.029
			MTCA Method C SL:		200	240		9.5	0.29
			Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**						
RIDW-4	RIDW-4-190919	9/19/2019	N	10 U	5 U	2 U	2 U	**1.2**	**0.18**
RIDW-4	RIDW-4-240813	8/13/2024	N	10 U	5 U	2 U	2 U	**0.90**	0.02 U
RIDW-5	RIDW-5-230925	9/25/2023	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U
RIDW-5	RIDW-5-240813	8/13/2024	N	10 U	5 U	2 U	2 U	0.5 U	**0.060**
RIDW-6	RIDW-6-230925	9/25/2023	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U
RIDW-6	RIDW-6-240813	8/13/2024	N	10 U	5 U	2 U	2 U	0.5 U	**0.025**
RIDW-6	DUP-2-240813	8/13/2024	FD	10 U	5 U	2 U	2 U	0.5 U	0.02 U
RIDW-7	RIDW-7-20240814	8/14/2024	N	10 U	5 U	2 U	2 U	0.5 U	0.02 U
RIDW-8	RIDW-8-240813	8/13/2024	N	10 R	**8.4 J**	**5.8 J**	2 R	0.5 R	**0.73 J**

Notes:

Bold text indicates detected analyte.

Blue shading = exceeds project SL

Orange shading = exceeds MTCA Method C SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

UJ = The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

R = The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

Abbreviations and Acronyms:

-- = not analyzed

µg/L = micrograms per liter

CAS = Chemical Abstracts Service

FD = field duplicate

ID = identification

MTCA = Model Toxics Control Act

N = primary sample

RI = remedial investigation

RN = registry number

SL = screening level

SVOC = semivolatile organic compound

TPH = total petroleum hydrocarbons

VOC = volatile organic compound

Table 13
Building C-19 – Detected Constituents in Soil Gas and Indoor Air
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

			Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	1,4-Dioxane	Benzene	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
			CAS RN:	71-55-6	75-34-3	123-91-1	71-43-2	156-59-2	127-18-4	79-01-6	75-01-4
			Paine-RI-AS	76,000	52		11		321	11	9.5
			Units:	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**								
RISG-04	RISG-04-190325	3/25/2019	N	2.2 U	2.1 U	--	2.1 U	--	2.1 U	2.1 U	2.1 U
RISG-05	RISG-05-190325	3/25/2019	N	**2.8**	2.2 U	--	2.2 U	--	2.2 U	2.2 U	2.2 U
RISG-100	RISG-100-191210	12/10/2019	N	1.8 U	1.9 U	--	**3.2**	--	1.8 U	**9.1**	1.8 U
RISG-101	RISG-101-191210	12/10/2019	N	2.4 U	2.5 U	--	2.4 U	--	2.4 U	2.4 U	2.4 U
RISG-102	RISG-102-191210	12/10/2019	N	3.3 U	3.3 U	--	**5.7**	--	3.1 U	**10**	**210**
RISG-103	RISG-103-211022	10/22/2021	N	**150**	**3.9**	**0.96**	**0.47 J**	**0.71 J**	**3.1**	**530**	<0.082 U
RISG-54	RISG-54-190325	3/25/2019	N	**33**	2.2 U	--	**2.5**	--	2.2 U	**310**	2.2 U
RISG-55	RISG-55-190325	3/25/2019	N	**89**	**4.5**	--	2.2 U	--	2.2 U	**1,400**	2.2 U

Notes:

Bold text indicates detected analyte**.**

Blue shading = exceeds project SL

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

Abbreviations and Acronyms:

-- = not analyzed

AS = ambient sample

CAS = Chemical Abstracts Service

ID = identification

µg/m^3 = micrograms per cubic meter

N = primary sample

RI = remedial investigation

RN = registry number

Table 14
Building C-20, C-21, C-22 – Detected Constituents in Soil Gas
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

			Analyte:	Ethylbenzene	1,3-Butadiene	4-Methyl-2-pentanone	1,3,5-Trimethylbenzene	Toluene	Tetrahydrofuran	n-Hexane	Cyclohexane	Tetrachloroethene	n-Heptane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	m-&p-Xylenes	2,2,4-Trimethylpentane	4-Ethyltoluene	Ethanol	Isopropanol	Acetone	Chloroform	Benzene	Helium	Vinyl Chloride	Carbon Disulfide	1,1-Dichloroethene	Methyl Ethyl Ketone
			CAS RN:	100-41-4	106-99-0	108-10-1	108-67-8	108-88-3	109-99-9	110-54-3	110-82-7	127-18-4	142-82-5	156-59-2	156-60-5	179601-23-1	540-84-1	622-96-8	64-17-5	67-63-0	67-64-1	67-66-3	71-43-2	7440-59-7	75-01-4	75-15-0	75-35-4	78-93-3
			Analyte:	15200	2.78	45700		76200		10700		321				1520						3.62	11		9.5	10700	3050	76200
			Units:	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	%	µg/m³	µg/m³	µg/m³	µg/m³
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																									
LAI-08	LAI-8_20170502	5/2/2017	N	**5.4**	2.4 U	4.5 U	5.4 U	**55**	3.2 U	**350**	**200**	7.5 U	**140**	4.4 U	4.4 U	**20**	**11**	5.4 U	**27**	11 U	**59**	5.4 U	**15**	0.11 U	2.8 U	**17**	4.4 U	13 U
LAI-09	LAI-9_20170503	5/3/2017	N	4.4 U	2.3 U	4.2 U	5 U	3.9 U	3 U	3.6 U	3.5 U	7 U	4.2 U	4.1 U	4.1 U	4.4 U	4.8 U	5 U	7.7 U	10 U	24 U	5 U	3.3 U	**0.42**	2.6 U	13 U	4.1 U	12 U
LAI-10	LAI-10_20170502	5/2/2017	N	4.5 U	2.3 U	4.2 U	5.1 U	**9.1**	3 U	3.6 U	3.5 U	7 U	4.2 U	4.1 U	4.1 U	4.5 U	4.8 U	5.1 U	**34**	10 U	**33**	5 U	3.3 U	**0.17**	2.6 U	13 U	4.1 U	12 U
LAI-11	LAI-11_20170502	5/2/2017	N	43 U	22 U	41 U	49 U	**150**	29 U	**60**	34 U	67 U	**42**	**440**	39 U	43 U	46 U	49 U	75 U	98 U	240 U	48 U	32 U	0.1 U	**5400**	**160**	39 U	120 U
LAI-12	LAI-12_20170502	5/2/2017	N	4.6 U	**120**	4.3 U	5.2 U	**24**	3.1 U	**85**	**22**	7.1 U	**21**	4.2 U	4.2 U	**5.3**	**6.2**	5.2 U	**33**	10 U	**66**	5.1 U	**16**	0.1 U	2.7 U	13 U	4.2 U	**17**
LAI-17	LAI-17_20171004	10/4/2017	N	13 U	6.7 U	12 U	15 U	11 U	9 U	11 U	10 U	21 U	12 U	**300**	12 U	13 U	14 U	15 U	**710**	37 U	36 U	15 U	9.7 U	0.11 U	7.8 U	47 U	12 U	45 U
LAI-18	LAI-18_20171004	10/4/2017	N	13 U	6.7 U	12 U	15 U	11 U	9 U	11 U	10 U	21 U	12 U	**1600**	**51**	13 U	14 U	15 U	**1800**	**120**	36 U	15 U	9.7 U	0.11 U	7.8 U	47 U	12 U	45 U
LAI-19	LAI-19_20171004	10/4/2017	N	**6.6**	1 U	**9.2**	**8.2**	**25**	**13**	**11**	1.6 U	3.2 U	1.9 U	1.8 U	1.8 U	**25**	2.2 U	**21**	**430**	**33**	**170**	**25**	**5.9**	**1.2**	1.2 U	7.2 U	1.8 U	**120**
LAI-20	LAI-20_20171004	10/4/2017	N	**7.2**	1 U	**9.0**	**8.4**	**23**	**7.6**	**23**	**5.1**	**8.2**	2 U	**120**	**5.8**	**29**	**15**	**25**	**300**	**32**	**3500**	**17**	**7.7**	0.12 U	1.2 U	7.4 U	1.9 U	**62**
LAI-21	LAI-21_20171004	10/4/2017	N	4 U	2 U	3.7 U	**17**	**19**	**8.1**	**38**	**12**	6.2 U	**37**	3.6 U	3.6 U	**17**	4.3 U	**37**	**290**	**26**	**850**	4.5 U	**9.6**	0.11 U	2.3 U	14 U	3.6 U	**52**
LAI-22	LAI-22_20171004	10/4/2017	N	3.8 U	2 U	3.6 U	**19**	**13**	2.6 U	**21**	3 U	**42**	**13**	3.5 U	3.5 U	**12**	4.1 U	**38**	**790**	**63**	**2300**	**11**	2.8 U	0.11 U	2.2 U	14 U	3.5 U	**36**
LAI-24	LAI-24_20171006	10/6/2017	N	4.6 U	2.3 U	**17**	5.2 U	**26**	3.1 U	**12**	**15**	7.1 U	4.3 U	4.2 U	4.2 U	**15**	4.9 U	5.2 U	**290**	13 U	12 U	**64**	3.3 U	0.26 U	2.7 U	16 U	4.2 U	15 U
LAI-25	LAI-25_20171006	10/6/2017	N	27 U	**71**	25 U	30 U	23 U	18 U	22 U	21 U	42 U	25 U	**1500**	**170**	27 U	29 U	30 U	**1300**	76 U	74 U	30 U	20 U	0.12 U	16 U	97 U	**130**	92 U
LAI-26	LAI-26_20171006	10/6/2017	N	41 U	**51**	39 U	47 U	36 U	28 U	**110**	**52**	**130**	39 U	**13000**	**140**	41 U	**57**	47 U	**480**	88 U	85 U	46 U	30 U	0.12 U	**31**	110 U	**480**	100 U
LAI-27	LAI-27_20171006	10/6/2017	N	**16**	**28**	**11**	2.2 U	**170**	1.3 U	**73**	**59**	3 U	**60**	**170**	1.8 U	**58**	**9.8**	**11**	**630**	**92**	**94**	2.2 U	**17**	0.11 U	**59**	6.9 U	1.8 U	**29**
RISG-19	RISG-19-190402	4/2/2019	N	--	--	--	--	--	--	--	--	**6.9**	--	--	--	--	--	--	--	--	--	--	**46**	--	**25000**	--	--	--
RISG-204	RISG-204-20240809	8/9/2024	N	--	--	--	--	--	--	--	--	**29**	--	**1400**	--	--	--	--	--	--	--	--	2.6 U	--	**310**	--	--	--
RISG-205	RISG-205-20240809	8/9/2024	N	--	--	--	--	--	--	--	--	**3.0**	--	**1800**	--	--	--	--	--	--	--	--	**6.0**	--	**2400**	--	--	--
RISG-22	RISG-22-190402	4/2/2019	N	--	--	--	--	--	--	--	--	21 U	--	--	--	--	--	--	--	--	--	--	20 U	--	**2600**	--	--	--
RISG-50	RISG-50-190409	4/9/2019	N	--	--	--	--	--	--	--	--	**18**	--	--	--	--	--	--	--	--	--	--	2.2 U	--	2.3 U	--	--	--

Table 14
Building C-20, C-21, C-22 – Detected Constituents in Soil Gas
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

			Analyte:	Trichloroethene	o-Xylene	1,2,4-Trimethylbenzene
			CAS RN:	79-01-6	95-47-6	95-63-6
			Analyte:	11	1520	107
			Units:	µg/m^3	µg/m^3	µg/m^3
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**			
LAI-08	LAI-8_20170502	5/2/2017	N	5.9 U	**6.7**	5.4 U
LAI-09	LAI-9_20170503	5/3/2017	N	5.5 U	4.4 U	5 U
LAI-10	LAI-10_20170502	5/2/2017	N	5.5 U	4.5 U	5.1 U
LAI-11	LAI-11_20170502	5/2/2017	N	53 U	43 U	49 U
LAI-12	LAI-12_20170502	5/2/2017	N	5.6 U	4.6 U	5.2 U
LAI-17	LAI-17_20171004	10/4/2017	N	**12000**	13 U	15 U
LAI-18	LAI-18_20171004	10/4/2017	N	**16000**	13 U	15 U
LAI-19	LAI-19_20171004	10/4/2017	N	**29**	**9.6**	**30**
LAI-20	LAI-20_20171004	10/4/2017	N	**1300**	**11**	**30**
LAI-21	LAI-21_20171004	10/4/2017	N	**410**	4 U	**52**
LAI-22	LAI-22_20171004	10/4/2017	N	**29**	3.8 U	**72**
LAI-24	LAI-24_20171006	10/6/2017	N	5.6 U	4.6 U	5.2 U
LAI-25	LAI-25_20171006	10/6/2017	N	**29000**	27 U	30 U
LAI-26	LAI-26_20171006	10/6/2017	N	**74000**	41 U	47 U
LAI-27	LAI-27_20171006	10/6/2017	N	**34**	**16**	**10**
RISG-19	RISG-19-190402	4/2/2019	N	**690**	--	--
RISG-204	RISG-204-20240809	8/9/2024	N	**1700**	--	--
RISG-205	RISG-205-20240809	8/9/2024	N	**640**	--	--
RISG-22	RISG-22-190402	4/2/2019	N	**36**	--	--
RISG-50	RISG-50-190409	4/9/2019	N	**1700**	--	--

Abbreviations and Acronyms:

-- = not analyzed
CAS = Chemical Abstracts Service
ID = identification
µg/m^3 = micrograms per cubic meter
N = primary sample
RI = remedial investigation
RN = registry number
SL = screening level

Notes:

Bold text indicates detected analyte**.**
Blue shading = exceeds project SL
Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

Table 15
Building C-23 – Detected Constituents in Soil Gas and Indoor Air
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

			Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,3-Butadiene	2,2,4-Trimethylpentane	2-Hexanone	4-Ethyltoluene	4-Methyl-2-pentanone	Acetone	Benzene	Carbon Disulfide	Carbon Tetrachloride	Chloroform	cis-1,2-Dichloroethene	Cyclohexane	Ethanol	Ethylbenzene	Helium	Isopropanol	m-&p-Xylenes	Methyl Ethyl Ketone	n-Heptane	n-Hexane	o-Xylene
			CAS RN:	71-55-6	75-34-3	95-63-6	108-67-8	106-99-0	540-84-1	591-78-6	622-96-8	108-10-1	67-64-1	71-43-2	75-15-0	56-23-5	67-66-3	156-59-2	110-82-7	64-17-5	100-41-4	7440-59-7	67-63-0	179601-23-1	78-93-3	142-82-5	110-54-3	95-47-6
			Paine-RI-AS	76000	52	107		2.78				45700		11	10700	13.9	3.62				15200			1520	76200		10700	1520
			Units:	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	%	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**																									
LAI-01	LAI-1_20170503	5/3/2017	N	5.6 U	4.1 U	5 U	5 U	2.2 U	4.8 U	17 U	5 U	4.2 U	**27**	3.2 U	13 U	6.4 U	5 U	4 U	3.5 U	**7.9**	4.4 U	**0.35**	10 U	4.4 U	12 U	4.2 U	3.6 U	4.4 U
LAI-03a	LAI-3_20170502	5/2/2017	N	5.6 U	4.1 U	5 U	5 U	2.2 U	4.8 U	17 U	5 U	4.2 U	**26**	3.2 U	13 U	6.4 U	5 U	4 U	3.5 U	**26**	4.4 U	**0.26**	10 U	4.4 U	12 U	4.2 U	3.6 U	4.4 U
LAI-05	LAI-5_20170502	5/2/2017	N	5.8 U	4.3 U	5.2 U	5.2 U	**150**	**5.1**	17 U	5.2 U	4.3 U	**57**	**30**	**13**	6.7 U	5.2 U	4.2 U	**16**	8 U	4.6 U	0.11 U	10 U	**7.0**	**13**	**20**	**47**	4.6 U
LAI-07	LAI-7_20170503	5/3/2017	N	7 U	5.2 U	6.3 U	6.3 U	2.8 U	**7.6**	21 U	6.3 U	5.2 U	**180**	**14**	**17**	8 U	6.2 U	**16**	**28**	**25**	5.6 U	0.13 U	12 U	5.6 U	**45**	**28**	**57**	5.6 U
LAI-13	LAI-13_20171004	10/4/2017	N	26 U	20 U	24 U	24 U	11 U	23 U	99 U	24 U	20 U	57 U	15 U	75 U	30 U	24 U	**59**	17 U	**200**	21 U	0.12 U	59 U	21 U	71 U	20 U	17 U	21 U
LAI-14	LAI-14_20171004	10/4/2017	N	2.6 U	2 U	**33**	**10**	**3.2**	2.3 U	9.9 U	**22**	**28**	**200**	**7.0**	7.5 U	**7.8**	**16**	1.9 U	**12**	**340**	2.1 U	0.12 U	**62**	**21**	**110**	**13**	**15**	**8.0**
LAI-15	LAI-15_20171004	10/4/2017	N	2.5 U	1.9 U	**7.0**	2.3 U	1 U	2.2 U	9.5 U	**5.8**	**5.5**	**140**	**11**	7.2 U	2.9 U	**23**	1.8 U	**8.8**	**480**	2 U	0.12 U	**41**	**9.4**	**71**	**10**	**16**	2 U
LAI-16	LAI-16_20171004	10/4/2017	N	2.4 U	1.8 U	**5.6**	2.2 U	**70**	2.1 U	**70**	**5.7**	**880**	**730**	**73**	**170**	2.8 U	**34**	1.8 U	**34**	**360**	**5.9**	0.11 U	**180**	**16**	**520**	**62**	**92**	**5.4**
LAI-23	LAI-23_20171006	10/6/2017	N	10 U	**64**	9.3 U	9.3 U	**31**	8.9 U	39 U	9.3 U	7.8 U	**150**	**46**	30 U	12 U	9.3 U	**85**	**200**	**530**	8.2 U	0.12 U	23 U	8.2 U	28 U	**110**	**250**	8.2 U
LAI-28	LAI-28_20171006	10/6/2017	N	2.6 U	1.9 U	2.3 U	2.3 U	**6.1**	**29**	9.7 U	2.3 U	**6.8**	**540**	**12**	**53**	3 U	**7.2**	**9.3**	**120**	**530**	2.1 U	0.12 U	**43**	**7.7**	**150**	**80**	**160**	2.1 U
RISG-206	RISG-206-20240807	8/7/2024	N	1.1 U	1.8 U	--	--	--	--	--	--	--	--	**18**	--	--	--	**52**	--	--	--	--	--	--	--	--	--	--
RISG-207	RISG-207-20240807	8/7/2024	N	1.1 U	1.9 U	--	--	--	--	--	--	--	--	**8.5**	--	--	--	**4900**	--	--	--	--	--	--	--	--	--	--
RISG-208	RISG-208-20240807	8/7/2024	N	1.2 U	1.9 U	--	--	--	--	--	--	--	--	**1.7**	--	--	--	**15**	--	--	--	--	--	--	--	--	--	--
RISG-35	RISG-35-190409	4/9/2019	N	2.2 U	2.1 U	--	--	--	--	--	--	--	--	2.1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISG-36	RISG-36-190409	4/9/2019	N	2.1 U	2 U	--	--	--	--	--	--	--	--	2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RISG-37	RISG-37-190409	4/9/2019	N	**3.4**	2.2 U	--	--	--	--	--	--	--	--	2.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 15
Building C-23 – Detected Constituents in Soil Gas and Indoor Air
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

			Analyte:	Tetrachloroethene	Tetrahydrofuran	Toluene	Trichloroethene	Vinyl Chloride
			CAS RN:	127-18-4	109-99-9	108-88-3	79-01-6	75-01-4
			Paine-RI-AS	321		76200	11	9.5
			Units:	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**					
LAI-01	LAI-1_20170503	5/3/2017	N	6.9 U	3 U	3.8 U	5.5 U	2.6 U
LAI-03a	LAI-3_20170502	5/2/2017	N	6.9 U	3 U	**8.0**	5.5 U	2.6 U
LAI-05	LAI-5_20170502	5/2/2017	N	7.2 U	3.1 U	**30**	5.7 U	2.7 U
LAI-07	LAI-7_20170503	5/3/2017	N	8.7 U	3.8 U	**21**	6.9 U	**240**
LAI-13	LAI-13_20171004	10/4/2017	N	33 U	14 U	18 U	**15000**	12 U
LAI-14	LAI-14_20171004	10/4/2017	N	3.3 U	**16**	**18**	**1200**	1.2 U
LAI-15	LAI-15_20171004	10/4/2017	N	**18**	**13**	**16**	**9.0**	1.2 U
LAI-16	LAI-16_20171004	10/4/2017	N	**36**	**17**	**60**	**41**	1.1 U
LAI-23	LAI-23_20171006	10/6/2017	N	13 U	5.6 U	**18**	**30**	**4200**
LAI-28	LAI-28_20171006	10/6/2017	N	3.2 U	1.4 U	**35**	2.6 U	**69**
RISG-206	RISG-206-20240807	8/7/2024	N	1.1 U	--	--	1.2 U	**710**
RISG-207	RISG-207-20240807	8/7/2024	N	1.2 U	--	--	**130**	**6300**
RISG-208	RISG-208-20240807	8/7/2024	N	**12**	--	--	**1000**	2.3 U
RISG-35	RISG-35-190409	4/9/2019	N	**3.8**	--	--	**2.2**	2.2 U
RISG-36	RISG-36-190409	4/9/2019	N	2.1 U	--	--	**2.8**	**23**
RISG-37	RISG-37-190409	4/9/2019	N	2.2 U	--	--	**360**	2.2 U

Notes:

Bold text indicates detected analyte**.**

Blue shading = exceeds project SL

Yellow shading = location sampled as part of RI

Qualifiers:

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

Abbreviations and Acronyms:

-- = not analyzed
AS = ambient sample
CAS = Chemical Abstracts Service
ID = identification
µg/m^3 = micrograms per cubic meter
N = primary sample
RI = remedial investigation
RN = registry number
SL = screening level

Table 16
Former Building C-29 – Detected Constituents in Soil Gas
Agreed Order Remedial Investigation Interim Data Report
TECT Aerospace Cleanup Site
Paine Field – Everett, Washington

			Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,4-Dioxane	Benzene	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
			CAS RN:	71-55-6	75-34-3	107-06-2	123-91-1	71-43-2	156-59-2	127-18-4	79-01-6	75-01-4
			Paine-RI-AS	76,000	52			11		321	11	9.5
			Units:	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Location	**Field Sample ID**	**Sampling Date**	**Sample Type**									
RISG-209	RISG-209-20240808	8/8/2024	N	120 U	**570**	110 U	260 U	140 U	**260,000**	**9,400**	**92,000**	**21,000**
RISG-210	RISG-210-20240808	8/8/2024	N	**2.3**	**8.2**	**1.3**	2.7 U	1.5 U	**31,000**	**420**	**27,000**	**70**
RISG-211	RISG-211-20240808	8/8/2024	N	**330**	**140**	**120**	**93**	**1,300**	**1,500**	**2,400**	**51,000**	**43**
RISG-212	RISG-212-20240808	8/8/2024	N	**17**	1.8 U	0.96 U	2.3 U	**3.1**	**61**	**760**	**17,000**	2.1 U
RISG-213	RISG-213-20240808	8/8/2024	N	**47**	**24**	0.95 U	2.3 U	**1.6**	**310**	**890**	**50,000**	2.1 U
RISG-214	RISG-214-20240809	8/9/2024	N	22 U	**74**	20 U	48 U	26 U	**28,000**	**1,100**	**12,000**	**2,300**
RISG-215	RISG-215-20240808	8/8/2024	N	**120**	190 U	100 U	250 U	140 U	**300,000**	**96,000**	**170,000**	**12,000**
RISG-216	RISG-216-20240808	8/8/2024	N	1.2 U	**6.2**	**2.1**	2.5 U	**13**	**860**	**16**	**310**	**30**
RISG-217	RISG-217-20240808	8/8/2024	N	57 U	96 U	51 U	120 U	67 U	**56,000**	**490**	**160,000**	**7,100**
RISG-218	RISG-218-20240809	8/9/2024	N	0.27 U	0.45 U	**1.0**	0.57 U	**14**	**15**	**0.67**	**5.6**	**6.9**
RISG-42	RISG-42-190404	4/4/2019	N	80 U	77 U	--	--	77 U	--	79 U	79 U	**2,000**

Abbreviations and Acronyms:
-- = not analyzed
AS = ambient sample
CAS = Chemical Abstracts Service
ID = identification
µg/m^3 = micrograms per cubic meter
N = primary sample
RI = remedial investigation
RN = registry number
SL = screening level

Notes:
Bold text indicates detected analyte**.**
Blue shading = exceeds project SL
Yellow shading = location sampled as part of RI

Qualifiers:
U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.