



May 12, 2026

Project No. M0022.01.040

Nancy Sawka

Oregon Department of Environmental Quality

4026 Fairview Industrial Dr. SE

Salem, OR, 97302

Re: Stormwater Treatment System Upgrade SMP Completion Report

Dear Nancy Sawka:

On behalf of Stella-Jones Corporation (Stella-Jones), Maul Foster & Alongi (MFA) has prepared this soil management plan (SMP) completion letter for the facility located at 22125 SW Rock Creek Road in Sheridan, Oregon (the Site). This letter describes the results of the soil characterization process and proposed disposal pathway for soil excavated as part of the Stormwater Treatment System Upgrade SMP provided to the Oregon Department of Environmental Quality (DEQ) on January 7, 2026 (Attachment A) as required under the May 2014 Soil Management Plan Procedures (SMPP) for the Site. This additional information is being provided to DEQ as a follow-up to the SMP submittal.

Project Description

In accordance with the SMP and sampling modifications approved by DEQ, soil in the stormwater treatment system area was characterized using the incremental sampling method (ISM) approach. This sampling was completed to characterize the soil prior to excavation, allowing Stella-Jones to load the excavated material directly into trucks for off-site disposal. Given the volume of material to be excavated, this will alleviate challenges with stockpiling the soil on Site.

A 50-point ISM sample was collected in accordance with the SMP. Sample increments were navigated to using a GPS and then soil from a depth of 0-to-12-inches below ground surface (bgs) was collected using a roto-hammer with a decontaminated steel auger bit. Approximately 30-grams of material were collected at each point and combined into a single laboratory-provided sample container and placed on ice. The sample was submitted under chain-of-custody protocols to Apex Laboratories, LLC for sample processing and chemical analysis.

As discussed with and approved by DEQ, the 0-to-12-inch ISM sample was used to represent soil to 3-feet below ground surface (bgs) for the characterization process in the stormwater treatment system area.

Data Summary

In accordance with the SMPP for the Site, the sample was analyzed for three chemicals of potential concern (COPC): total arsenic by U.S. Environmental Protection Agency (EPA) Method 6020B, dioxins/furans by EPA Method 1613B, and pentachlorophenol (penta) by EPA Method 8270E.

The attached Table and laboratory report (Attachment B) presents the results of the ISM sample collected for characterization and are summarized below.

- Total arsenic was detected at 9.69 milligrams per kilogram (mg/kg).

- Total penta was non-detect with a detection limit of 0.0526 mg/kg.
- Dioxins/furans toxicity equivalency (TEQ) was calculated at 857 picograms per gram.

Soil Characterization

MFA used the waste determination process outlined in Section 4 of the SMPP and the soil profile decision tree (Figure 1 of the SMPP, Attachment C) to characterize the soil and identify the proposed soil disposal pathway. The determination for each step of the decision tree is presented below.

Listed Waste

The soil is not a listed waste, as soil up to depths of 3-feet bgs from the excavation area, represented by the 0-to-12-inch bgs ISM sample, is not from an area of the Site known to have come into direct contact with process residuals or hazardous waste.

Characteristic Waste

The soil is not considered a characteristic waste. MFA evaluated soil sample results using the EPA Hazardous Waste Rule of 20¹, based on EPA toxicity characteristic regulatory limits from Table 1 of U.S. 40 Code of Federal Regulations part 261.24.

The arsenic concentration of 9.69 mg/kg and the detection limit for the non-detect penta concentration are both well below their respective EPA rule of 20 screening values of 100 mg/kg and 2,000 mg/kg.

Contaminated Media

Lastly, MFA evaluated soil sample results against DEQ risk-based concentrations (RBCs) for the soil ingestion, dermal contact, and inhalation pathway for both excavation and occupational worker receptors.

Concentrations for each COPC are below their respective excavation worker RBC.

For occupational RBC's, arsenic and dioxins/furans TEQ exceeded their respective screening value; penta did not exceed.

As there are RBC exceedances, the proposed excavated soil from the stormwater treatment system area will be managed and disposed of as contaminated media.

Conclusion

Based on the soil profile decision tree evaluation, the soil from 0-to-3-feet bgs to be excavated from the proposed stormwater treatment system area can be disposed of as contaminated soil. Stella-Jones will manage the soil as such and will coordinate with a waste hauler and appropriate disposal facility to direct load the excavated material into trucks and haul off-site to dispose of properly without stockpiling.

During the excavation process, soil from below 3-feet bgs will be separately containerized and/or stockpiled and remain on-site. After the completion of excavation activities, the remaining soil will be sampled and separately characterized under the SMPP guidance. The remaining soil will be sampled by collecting five random discrete samples that are then field composited into a single composite

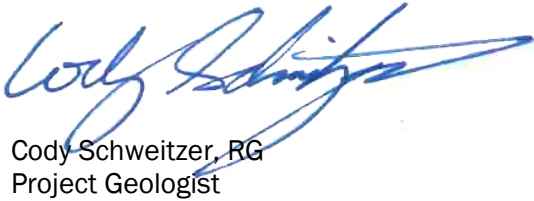
¹ The EPA toxicity characteristic regulatory limit from Table 1 of U.S. 40 Code of Federal Regulations part 261.24 is multiplied by 20 in order to screen against total constituents.

sample. Sample increments will be collected using a clean stainless-steel measuring cup to ensure a consistent volume of material is collected for each increment.

The samples will be combined into laboratory-provided sample containers and placed on ice. The sample will be submitted under chain-of-custody protocols to Apex Laboratories, LLC for chemical analysis. Based on the analytical results, MFA will follow the soil profile decision tree (Figure 1 of the SMPP) to identify a soil disposal pathway for DEQ approval prior to off-site disposal.

Sincerely,

Maul Foster & Alongi, Inc.



Cody Schweitzer, RG
Project Geologist



Jessica Glenn
Principal Environmental Scientist

Attachments

Limitations

Table

A—Stormwater Treatment System Upgrade SMP

B—Laboratory Report

C—SMPP Figure 1: Soil Profile Decision Tree

cc: Alex Clark
Heather Gawne
Tony Ellison
Brian Bartlett
Steve Taylor

Limitations

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.



MAUL
FOSTER
ALONGI

Table



MAUL
FOSTER
ALONGI

Table
Summary of Soil Analytical Results
Stormwater Treatment System Upgrade SMP
Stella-Jones Corporation



Location:	RBC, Soil, Soil Ingestion, Dermal Contact, and Inhalation ⁽¹⁾		EPA Hazardous Waste ^(a)	DU-001
Sample Name:				SWTS-DU-001
Collection Date:	Occupational	Excavation Worker		04/07/2026
Collection Depth (ft bgs):				0-0.5
Metals (mg/kg)				
Arsenic	1.9	420	100	9.69
SVOCs (mg/kg)				
Pentachlorophenol	4.0	960	2,000	0.0526 U
Dioxins/Furans (pg/g)				
1,2,3,4,6,7,8,9-OCDD	NV	NV	NV	52,300 E
1,2,3,4,6,7,8,9-OCDF	NV	NV	NV	3,260
1,2,3,4,6,7,8-HpCDD	NV	NV	NV	5,650
1,2,3,4,6,7,8-HpCDF	NV	NV	NV	847
1,2,3,4,7,8,9-HpCDF	NV	NV	NV	68.5
1,2,3,4,7,8-HxCDD	NV	NV	NV	46.7
1,2,3,4,7,8-HxCDF	NV	NV	NV	34.3
1,2,3,6,7,8-HxCDD	NV	NV	NV	167
1,2,3,6,7,8-HxCDF	NV	NV	NV	21.9 J
1,2,3,7,8,9-HxCDD	NV	NV	NV	86.5
1,2,3,7,8,9-HxCDF	NV	NV	NV	10.7 J
1,2,3,7,8-PeCDD	NV	NV	NV	21.3 J
1,2,3,7,8-PeCDF	NV	NV	NV	4.67 J
2,3,4,6,7,8-HxCDF	NV	NV	NV	34.8
2,3,4,7,8-PeCDF	NV	NV	NV	9.62 J
2,3,7,8-TCDD	16	4,800	NV	2.09 J
2,3,7,8-TCDF	NV	NV	NV	1.23 J
Total HpCDD	NV	NV	NV	10,200 E
Total HpCDF	NV	NV	NV	3,050 JK
Total HxCDD	NV	NV	NV	1,170 J
Total HxCDF	NV	NV	NV	988 JK
Total PeCDD	NV	NV	NV	141 JK
Total PeCDF	NV	NV	NV	184 J
Total TCDD	NV	NV	NV	20.9 JK
Total TCDF	NV	NV	NV	16.2 JK
Dioxin/furan TEQ ^{(b)(2)}	16	4,800	NV	857 JT

Table Summary of Soil Analytical Results Stormwater Treatment System Upgrade SMP Stella-Jones Corporation



Notes

Analytical results are not validated.

Shading (color key below) indicates values that exceed screening criteria; non-detects (U and UJ) were not compared with screening criteria.

DEQ RBC, Soil Ingestion, Dermal Contact, and Inhalation, Occupational

DEQ = Oregon Department of Environmental Quality.

E = result is estimated due to detection at a concentration over the instrument calibration range.

EPA = U.S. Environmental Protection Agency.

ft bgs = feet below ground surface.

J = result is estimated due to detection below the method reporting limit.

JK = result is estimated due to detection below the method reporting limit and is an estimated maximum potential concentration.

mg/kg = milligrams per kilogram.

NV = no value.

pg/g = picograms per gram.

RBC = risk-based concentration.

SVOC = semivolatile organic compound.

T = result is calculated.

TEQ = toxicity equivalency.

U = result non-detect at the method reporting limit or sample-specific estimated detection limit.

^(a)EPA toxicity characteristic regulatory limit from Table 1 of U.S. 40 Code of Federal Regulations part 261.24 is multiplied by 20 in order to screen against total constituents.

^(b)Dioxin/furan TEQ calculated as the sum of each congener concentration multiplied by the corresponding mammalian toxic equivalent factor. Non-detect values are multiplied by one-half.

References

⁽¹⁾DEQ. 2023. Table: *Risk-Based Concentrations for Individual Chemicals*. Oregon Department of Environmental Quality, Environmental Cleanup Program. August.

⁽²⁾Van den Berg, M. et al. 2006. "The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds." *Toxicological Sciences*, 93(2): 223–241. [doi:10.1093/toxsci/kfl055]

Attachment A

Stormwater Treatment System Upgrade SMP



MAUL
FOSTER
ALONGI



Memorandum

To: Nancy Sawka, Oregon Department of Environmental Quality

Date: January 7, 2026

From: Cody Schweitzer, RG, Maul Foster & Alongi, Inc.

Project No.: M0022.01.040

Re: Soil Management Plan: Stormwater Treatment System Upgrade

On behalf of Stella-Jones Corporation (Stella-Jones), Maul Foster & Alongi (MFA) has prepared this soil management plan (SMP) for the facility located at 22125 SW Rock Creek Road in Sheridan, Oregon (the Site). This document describes how soils will be managed as part of excavation activities completed for the stormwater treatment system (SWTS) upgrades. This information is being provided to the Oregon Department of Environmental Quality (DEQ) under the May 2014 Soil Management Plan Procedures (SMPP) for the Site.

Stella-Jones and MFA understand that DEQ approval is required prior to excavation activities on Site. To obtain DEQ approval, this memorandum includes the following information, as required by the SMPP:

- Description of proposed excavation activities;
- Field activities (sampling locations, sample methodology, chemical analyses); and
- Soil characterization process.

This information is primarily detailed in the SMPP but is summarized in this memorandum as it applies to the proposed Site activities.

Proposed Excavation Activities

Stella-Jones plans to upgrade components of the SWTS. Some of these upgrades will require excavation, including trenching for underground piping, preparation for footings, foundations, and concrete pads for new equipment. These excavations will occur across the SWTS area shown on Figure 1 below. The ground surface consists primarily of crushed gravel that will be excavated to varying depths of 1 to 4 feet below ground surface. Due to the extent of excavation needed to complete the upgrades across the SWTS area, and the challenges that would occur with stock piling this amount of material, MFA proposes characterization of the SWTS area prior to excavation.

Consistent with the procedures in previous DEQ-approved paving SMPs for the Site^{1,2}, MFA will characterize the soil prior to excavation using the incremental sampling method (ISM) approach. Upon receipt of the ISM results, MFA will follow the soil profile decision tree (Figure 1 of the SMPP) to identify a soil disposal pathway for DEQ approval. This approach will allow Stella-Jones to excavate the area and load material directly into trucks for disposal. This will avoid the protracted process of stockpiling the soil on Site, sampling the soil, and awaiting the sample results and DEQ approval of a disposal pathway.



Figure 1. Stormwater Treatment System Area ISM Sample Locations

Sampling Activities

Surface soil (0 to 12 inches) will be sampled using an ISM approach following current DEQ Decision Unit Characterization guidance.³ To increase the certainty that the results will be representative of the material to be excavated, the ISM sample will consist of 50 increments of approximately 30 grams each for a total of approximately 1,500 grams. The sample increment locations were selected using a systematic random sampling scheme in accordance with DEQ's guidance and are shown on Figure 1. The exact location of the increments may be adjusted, depending on field conditions (e.g., when an obstruction such as a hard surface is encountered). If a location needs to be adjusted based on field conditions, it will be moved to the nearest area clear of obstruction.

¹ Soil Management Plan: Project Description for Peeler Paving Addition Memorandum. Approved by DEQ on August 7, 2024.

² Soil Management Plan: Project Description for Framing Skids Paving Memorandum. Approved by DEQ on October 7, 2025.

³ DEQ. 2020. *Decision Unit Characterization*. Oregon Department of Environmental Quality. September 14.

Sample increments will be navigated to using a global positioning system device and retrieved using a decontaminated auger sampler or other sampling tool, as needed. Each increment will be collected in a laboratory-provided 2-ounce glass jar to ensure that a consistent volume of material is collected at each increment location. The soil from all 50 increments will then be placed in a single dedicated laboratory-provided, 1-gallon glass jar and placed in a cooler on ice. The ISM sample will be submitted under chain-of-custody protocols to Apex Laboratories, LLC for processing and chemical analysis.

Soil Characterization Process

In accordance with the SMPP for the Site and this SMP, the ISM sample will be submitted for ISM processing and subsequently analyzed for total arsenic by EPA Method 6020B, dioxins/furans by EPA Method 1613B, and pentachlorophenol by EPA Method 8270E. The results will be compared to the DEQ risk-based concentrations for the occupational and excavation worker soil ingestion, dermal contact, and inhalation exposure pathways. Based on the analytical results, MFA will follow the soil profile decision tree (Figure 1 of the SMPP) to identify a soil disposal pathway for DEQ approval

Attachment B

Laboratory Report



MAUL
FOSTER
ALONGI



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Wednesday, April 22, 2026

Cody Schweitzer

Maul Foster & Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

RE: A6D1324 - Stella-Jones Sheridan - 2026 On-Call. - M0022.01.040

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A6D1324, which was received by the laboratory on 4/7/2026 at 5:32:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.

(See Cooler Receipt Form for details)

Default Cooler 3.8 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.



Apex Laboratories

Philip Nerenberg

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040
Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SWTS-DU-001	A6D1324-01	Soil	04/07/26 11:30	04/07/26 17:32
SWTS-DU-001	A6D1324-02	Soil	04/07/26 11:30	04/07/26 17:32

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040

Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

ANALYTICAL SAMPLE RESULTS

Pentachlorophenol by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SWTS-DU-001 (A6D1324-02RE2)				Matrix: Soil		Batch: 26D0728		PRO, R-04
Pentachlorophenol (PCP)	ND	52.6	106	ug/kg dry	4	04/20/26 10:10	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol (Surr)		Recovery: 12 %	Limits: 39-132 %	4	04/20/26 10:10	EPA 8270E		S-03

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040

Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SWTS-DU-001 (A6D1324-02)				Matrix: Soil				
Batch: 26D0835								
Arsenic	9.69	---	1.01	mg/kg dry	10	04/21/26 22:23	EPA 6020B	PRO

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040

Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SWTS-DU-001 (A6D1324-02)				Matrix: Soil		Batch: 26D0384		PRO
% Solids	98.9	---	1.00	%	1	04/10/26 08:24	EPA 8000D	

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062Maul Foster & Alongi, INC.3140 NE Broadway Street
Portland, OR 97232Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040

Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

QUALITY CONTROL (QC) SAMPLE RESULTS

Pentachlorophenol by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 26D0454 - EPA 3546						Soil							
Blank (26D0454-BLK1)			Prepared: 04/13/26 08:20		Analyzed: 04/13/26 12:44								
EPA 8270E													
Pentachlorophenol (PCP)	ND	13.3	26.7	ug/kg wet	1	---	---	---	---	---	---		
Surr: 2,4,6-Tribromophenol (Surr)		Recovery: 79 %		Limits: 39-132 %		Dilution: 1x							
LCS (26D0454-BS1)			Prepared: 04/13/26 08:20		Analyzed: 04/13/26 13:18								
EPA 8270E													
Pentachlorophenol (PCP)	351	53.2	107	ug/kg wet	4	533	---	66	25-133%	---	---		
Surr: 2,4,6-Tribromophenol (Surr)		Recovery: 90 %		Limits: 39-132 %		Dilution: 4x							
Duplicate (26D0454-DUP2)			Prepared: 04/13/26 08:20		Analyzed: 04/14/26 23:13								R-04
QC Source Sample: Non-SDG (A6D1443-01RE1)													
Pentachlorophenol (PCP)	ND	52.4	105	ug/kg wet	4	---	ND	---	---	---	30%		
Surr: 2,4,6-Tribromophenol (Surr)		Recovery: 100 %		Limits: 39-132 %		Dilution: 4x							
Matrix Spike (26D0454-MS1)			Prepared: 04/13/26 08:20		Analyzed: 04/13/26 16:55								
QC Source Sample: Non-SDG (A6D1443-06RE1)													
EPA 8270E													
Pentachlorophenol (PCP)	541	53.1	107	ug/kg wet	4	533	ND	102	25-133%	---	---		
Surr: 2,4,6-Tribromophenol (Surr)		Recovery: 95 %		Limits: 39-132 %		Dilution: 4x							
Batch 26D0728 - EPA 3546						Soil							
Blank (26D0728-BLK1)			Prepared: 04/17/26 12:23		Analyzed: 04/17/26 20:58								
EPA 8270E													
Pentachlorophenol (PCP)	ND	13.3	26.7	ug/kg wet	1	---	---	---	---	---	---		
Surr: 2,4,6-Tribromophenol (Surr)		Recovery: 86 %		Limits: 39-132 %		Dilution: 1x							
LCS (26D0728-BS1)			Prepared: 04/17/26 12:23		Analyzed: 04/17/26 21:31								
EPA 8270E													
Pentachlorophenol (PCP)	494	53.2	107	ug/kg wet	4	533	---	93	25-133%	---	---		
Surr: 2,4,6-Tribromophenol (Surr)		Recovery: 89 %		Limits: 39-132 %		Dilution: 4x							

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062Maul Foster & Alongi, INC.3140 NE Broadway Street
Portland, OR 97232Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040

Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

QUALITY CONTROL (QC) SAMPLE RESULTS

Pentachlorophenol by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 26D0728 - EPA 3546						Soil							
Duplicate (26D0728-DUP1)			Prepared: 04/17/26 12:23 Analyzed: 04/17/26 23:42										
<u>QC Source Sample: Non-SDG (A6D1657-06)</u>													
Pentachlorophenol (PCP)	ND	16.6	33.3	ug/kg dry	1	---	ND	---	---	---	30%		
Surr: 2,4,6-Tribromophenol (Surr)		Recovery: 61 % Limits: 39-132 % Dilution: 1x											
Matrix Spike (26D0728-MS2)			Prepared: 04/17/26 12:23 Analyzed: 04/20/26 11:17										H-08
<u>QC Source Sample: Non-SDG (A5I1320-17RE1)</u>													
<u>EPA 8270E</u>													
Pentachlorophenol (PCP)	806	74.4	149	ug/kg dry	4	746	ND	108	25-133%	---	---		
Surr: 2,4,6-Tribromophenol (Surr)		Recovery: 95 % Limits: 39-132 % Dilution: 4x											

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040

Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 26D0835 - EPA 3051A						Soil						
Blank (26D0835-BLK1)			Prepared: 04/21/26 14:17 Analyzed: 04/21/26 22:07									
EPA 6020B												
Arsenic	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
LCS (26D0835-BS1)			Prepared: 04/21/26 14:17 Analyzed: 04/21/26 22:17									
EPA 6020B												
Arsenic	48.5	---	1.00	mg/kg wet	10	50.0	---	97	80-120%	---	---	
Duplicate (26D0835-DUP1)			Prepared: 04/21/26 14:17 Analyzed: 04/21/26 22:28									
QC Source Sample: SWTS-DU-001 (A6D1324-02)												
EPA 6020B												
Arsenic	9.77	---	0.976	mg/kg dry	10	---	9.69	---	---	0.9	20%	PRO
Matrix Spike (26D0835-MS1)			Prepared: 04/21/26 14:17 Analyzed: 04/21/26 22:33									
QC Source Sample: SWTS-DU-001 (A6D1324-02)												
EPA 6020B												
Arsenic	57.1	---	0.983	mg/kg dry	10	49.1	9.69	96	75-125%	---	---	PRO

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: **M0022.01.040**
Project Manager: **Cody Schweitzer**

Report ID:

A6D1324 - 04 22 26 1917

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 26D0384 - Dry Weight Prep (EPA 8000D)							Soil					
Duplicate (26D0384-DUP1)			Prepared: 04/09/26 14:17 Analyzed: 04/10/26 08:24									
<u>QC Source Sample: Non-SDG (A5J1218-02)</u>												
% Solids	74.5	---	1.00	%	1	---	75.7	---	---	2	10%	
Duplicate (26D0384-DUP2)			Prepared: 04/09/26 14:17 Analyzed: 04/10/26 08:24									
<u>QC Source Sample: Non-SDG (A5J1220-01)</u>												
% Solids	93.2	---	1.00	%	1	---	93.6	---	---	0.5	10%	
Duplicate (26D0384-DUP3)			Prepared: 04/09/26 14:17 Analyzed: 04/10/26 08:24									
<u>QC Source Sample: Non-SDG (A6D1300-01)</u>												
% Solids	91.6	---	1.00	%	1	---	90.8	---	---	0.9	10%	
Duplicate (26D0384-DUP4)			Prepared: 04/09/26 14:17 Analyzed: 04/10/26 08:24									
<u>QC Source Sample: Non-SDG (A6D1312-02)</u>												
% Solids	84.4	---	1.00	%	1	---	84.3	---	---	0.1	10%	
Duplicate (26D0384-DUP5)			Prepared: 04/09/26 14:17 Analyzed: 04/10/26 08:24									
<u>QC Source Sample: Non-SDG (A6D1380-01)</u>												
% Solids	79.1	---	1.00	%	1	---	79.5	---	---	0.5	10%	
Duplicate (26D0384-DUP6)			Prepared: 04/09/26 14:17 Analyzed: 04/10/26 08:24									
<u>QC Source Sample: Non-SDG (A6D1381-01)</u>												
% Solids	66.2	---	1.00	%	1	---	67.0	---	---	1	10%	
Duplicate (26D0384-DUP7)			Prepared: 04/09/26 18:06 Analyzed: 04/10/26 08:24									
<u>QC Source Sample: Non-SDG (A6D1428-01)</u>												
% Solids	69.6	---	1.00	%	1	---	70.7	---	---	1	10%	
Duplicate (26D0384-DUP8)			Prepared: 04/09/26 18:06 Analyzed: 04/10/26 08:24									
<u>QC Source Sample: Non-SDG (A6D1432-01)</u>												
% Solids	81.3	---	1.00	%	1	---	80.5	---	---	1	10%	

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040

Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	--------------------	-------	----------	-----------------	------------------	-------	-----------------	-----	--------------	-------

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.

Project Number: M0022.01.040

Project Manager: Cody Schweitzer

Report ID:

A6D1324 - 04 22 26 1917

SAMPLE PREPARATION INFORMATION

Pentachlorophenol by EPA 8270E

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 26D0728</u>							
A6D1324-02RE2	Soil	EPA 8270E	04/07/26 11:30	04/17/26 12:23	15.33g/2mL	15g/2mL	0.98

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 26D0835</u>							
A6D1324-02	Soil	EPA 6020B	04/07/26 11:30	04/21/26 14:17	0.501g/50mL	0.5g/50mL	1.00

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 26D0384</u>							
A6D1324-02	Soil	EPA 8000D	04/07/26 11:30	04/09/26 18:06	1g	1g	1.00

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: **Stella-Jones Sheridan - 2026 On-Call.**

Project Number: **M0022.01.040**

Project Manager: **Cody Schweitzer**

Report ID:

A6D1324 - 04 22 26 1917

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

- H-08** Sample hold time extended by freezing at -18 degrees C. Total time at 4 degrees C was less than the method hold time.
- PRO** Sample has undergone sample processing prior to extraction and analysis.
- R-04** Reporting levels elevated due to preparation and/or analytical dilution necessary for analysis.
- S-03** Sample re-extract, or the analysis of an associated Batch QC sample, confirms surrogate failure due to sample matrix effect.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: **Stella-Jones Sheridan - 2026 On-Call.**

Project Number: **M0022.01.040**

Project Manager: **Cody Schweitzer**

Report ID:

A6D1324 - 04 22 26 1917

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.
ND Analyte NOT DETECTED at or above the detection or reporting limit.
NR Result Not Reported
RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Validated Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.

The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")

See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

Results for Volatiles analyses on soils and sediments that are reported on a "dry weight" basis include the water miscible solvent (WMS) correction referenced in the EPA 8000 Method guidance documents. Solid and Liquid samples reported on an "As Received" basis do not have the WMS correction applied, as dry weight was not performed.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: **Stella-Jones Sheridan - 2026 On-Call.**

Project Number: **M0022.01.040**

Project Manager: **Cody Schweitzer**

Report ID:

A6D1324 - 04 22 26 1917

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL). Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.

- For Blank hits falling between $\frac{1}{2}$ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
- For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

For further details, please request a copy of this document.

- Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level, if results are not reported to the MDL.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

Project: **Stella-Jones Sheridan - 2026 On-Call.**

Project Number: **M0022.01.040**

Project Manager: **Cody Schweitzer**

Report ID:

A6D1324 - 04 22 26 1917

Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses.

In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street
Portland, OR 97232

Project: **Stella-Jones Sheridan - 2026 On-Call.**

Project Number: **M0022.01.040**

Project Manager: **Cody Schweitzer**

Report ID:

A6D1324 - 04 22 26 1917

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) -

EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
--------	----------	--------	---------	--------	---------------

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

Project: Stella-Jones Sheridan - 2026 On-Call.Project Number: **M0022.01.040**Project Manager: **Cody Schweitzer****Report ID:****A6D1324 - 04 22 26 1917**

APEX LABS		CHAIN OF CUSTODY		Lab # <u>A6D1324</u> COC <u>1</u> of <u>1</u>	
6700 SW Sandburg St., Tigard, OR 97223 Ph. 503-718-2323		Project Name: <u>Stella-Jones Sheridan</u>		Project #: <u>M0022.01.040</u>	
Company: <u>Maul Foster Alongi</u>		Project Mgr: <u>Cody Schweitzer</u>		PO #	
Address: <u>3140 NE Broadway Portland, OR 97232</u>		Phone: <u>971-254-8074</u>		Email: <u>cshweitzer@maulfoster.com</u>	
Sampled by: <u>S. Chapman/J. Wetmore</u>		ANALYSIS REQUEST			
State Sampled: <u>OR</u> <u>WA</u>	DATE	TIME	MATRIX	# OF CONTAINERS	NVT-PH-HCID
Other					NVT-PH-DX
County: <u>Yamhill</u>					NVT-PH-GX
					8260D BTEX
					8260D RBDM VOCs
					8260D Halo VOCs
					8260D VOCs Full List
					8270E PAHs
					8270E Semi-Volat Full List
					8082A PCBs
					8081B Pest
					RCRA Metals (8)
					Priority Metals (13)
					Al, Sb, Bi, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mn, Ni, Mo, Ag, Na, Ti, V, Zn
					TCLP Metals (8)
					Dioxins/Furans by EPA Method 1631
					PCP by EPA Method 8270B
					Archive - Frozen
1 SWTS-D-001	4/7/2026	11:30	So	1	
2					
3					
4					
5					
6					
7					
8					
9					
10					

Normal Turn Around Time (TAT) = 10 Business Days →

*** RUSH - Request → Indicate Date Needed: 4/7/26

***Rush TAT requests may incur additional cost.

For TAT calculations, samples received after 3pm will be considered received the next business day. Data will be reported by 6pm. Samples with <72 hrs of hold time may be surcharged.

SAMPLES ARE HELD FOR 30 DAYS

SPECIAL INSTRUCTIONS: ISM processing please
cc schweitzer@maulfoster.com

RELINQUISHED BY:	RECEIVED BY:
Signature: <u>[Signature]</u>	Signature: <u>[Signature]</u>
Date: <u>4/7/26</u>	Date: <u>4/7/26</u>
Printed Name: <u>Harmon Marigosa</u>	Printed Name: <u>[Name]</u>
Time: <u>17:32</u>	Time: <u>[Time]</u>
Company: <u>MFA</u>	Company: <u>[Company]</u>

Apex Laboratories

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

Project: **Stella-Jones Sheridan - 2026 On-Call.**Project Number: **M0022.01.040**Project Manager: **Cody Schweitzer****Report ID:****A6D1324 - 04 22 26 1917****APEX LABS COOLER RECEIPT FORM**Client: Maul Foster Alongi Element WO#: A6D1324Project/Project #: Stella-Jones Sheridan / M0022.01.040**Delivery Info:**Date/time received: 4/7/26 @ 17:32 By: RAMDelivered by: Apex ☒ Client ☒ ESS ☐ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐From USDA Regulated Origin? Yes ☐ No ☒**Cooler Inspection** Date/time inspected: 4/7/26 @ 17:32 By: RAMChain of Custody included? Yes ☒ No ☐Signed/dated by client? Yes ☒ No ☐Contains USDA Reg. Soils? Yes ☐ No ☒ Unsure (email RegSoils) ☐

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>3.8</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>Y</u>						
Ice type: (Gel/Real/Other)	<u>Real</u>						
Condition (In/Out):	<u>IN</u>						

Cooler out of temp? (Y/N) ☒ Possible reason why: _____Green dots applied to out of temperature samples? Yes ☐ No ☒Out of temperature samples form initiated? Yes ☐ No ☒**Sample Inspection:** Date/time inspected: 4/7/26 @ 18:09 By: RAMAll samples intact? Yes ☒ No ☐ Comments: _____Bottle labels/COCs agree? Yes ☒ No ☐ Comments: _____COC/container discrepancies form initiated? Yes ☐ No ☒Containers/volumes received appropriate for analysis? Yes ☒ No ☐ Comments: _____Do VOA vials have visible headspace? Yes ☐ No ☐ NA ☒

Comments: _____

Water samples: pH checked: Yes ☐ No ☐ NA ☒ pH appropriate? Yes ☐ No ☐ NA ☒ pH ID: _____

Comments: _____

Labeled by: RAMWitness: [Signature]Cooler Inspected by: RAM

Form Y-003 R-02

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

May 01, 2026

Mr. Philip Nerenberg
Apex Laboratories
6700 SW Sandburg Street
Tigard, Oregon 97223

Re: IDIQ DXN & PCB 2026
Work Order: 25085
SDG: A6D1324

Dear Mr. Nerenberg:

Cape Fear Analytical, LLC (CFA) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on April 09, 2026. This REVISED data report has been prepared and reviewed in accordance with CFA's standard operating procedures. Refer to the fractional case narrative for details.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (910) 795-0421.

Sincerely,



Cynde Larkins
Project Manager

Enclosures

SUBCONTRACT ORDER

EST

Apex Laboratories

QAS 4/8/24

A6D1324

CFA WO#25085

SENDING LABORATORY:

Apex Laboratories
6700 S.W. Sandburg Street
Tigard, OR 97223
Phone: (503) 718-2323
Fax: (503) 336-0745
Project Manager: Philip Nerenberg

RECEIVING LABORATORY:

Cape Fear Analytical, LLC
3306 Kitty Hawk Rd Suite 120
Wilmington, NC 28405
Phone: (910) 795-0421
Fax: -

A6D1324-01

Sample Name: SWTS-DV-001

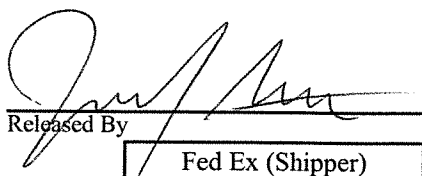
Soil

Sampled: 04/07/26 11:30

(A6D1324-02)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB) Containers Supplied: (B)4 oz Glass Jar	04/20/26 17:00	04/07/27 11:30	

STANDARD TAT

Released By  Date 4/8/24
Fed Ex (Shipper)

Fed Ex (Shipper)

temp. @ CFA = 5.0°C

Received By Cyndee Larkins Date 09 APR 26 / 0956
Released By Date

SAMPLE RECEIPT CHECKLIST
Cape Fear Analytical

Client: APEX	Work Order: 25085
Shipping Company: FedEx	Date/Time Received: 09APR26 0956

Suspected Hazard Information	Yes	NA	No
Shipped as DOT Hazardous?			☒
Samples identified as Foreign Soil?			☒

IR Gun used:
☒ 34290478WS
☐ 58892402MV

DOE Site Sample Packages	Yes	NA	No*
Screened <0.5 mR/hr?			☒
Samples < 2x background?			☒

* Notify RSO of any responses in this column immediately.

Air Sample Receipt Specifics	Yes	NA	No
Air sample in shipment?			☒

Air Witness: _____

Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (required for Non-Conforming Items)
1 Shipping containers received intact and sealed?	☒			Circle Applicable: seals broken damaged container leaking container other(describe)
2 Custody seal/s present on cooler?			☒	Seal intact? Yes No
3 Chain of Custody documents included with shipment?	☒			
4 Samples requiring cold preservation within 0-6°C?	☒			Preservation Method: ice bags loose ice blue ice dry ice none other (describe) Temperature Blank present? ☒ Yes No 4.8 + 0.2 = 5.0°C
5 Aqueous samples found to have visible solids?		☒		Sample IDs, containers affected:
5 Samples requiring chemical preservation at proper pH?		☒		Sample IDs, containers affected and pH observed:
7 Samples requiring preservation have no residual chlorine?		☒		If preservative added, Lot#: Sample IDs, containers affected:
8 Samples received within holding time?	☒			If preservative added, Lot#: Sample IDs, tests affected:
9 Sample IDs on COC match IDs on containers?	☒			Sample IDs, containers affected:
10 Date & time of COC match date & time on containers?	☒			Sample IDs, containers affected:
11 Number of containers received match number indicated on COC?	☒			List type and number of containers / Sample IDs, containers affected: 1 - 4oz. clear glass soil jars
12 COC form is properly signed in relinquished/received sections?	☒			

Comments:

Checklist performed by: Initials: *CY* Date: 09APR26

CF-UD-F-7

Cynde Larkins

WO #25085

From: Philip Nerenberg <pnerenberg@apex-labs.com>
Sent: Friday, May 1, 2026 1:52 AM
To: Cynde Larkins
Cc: Chris Cornwell
Subject: FW: A6D1324 / 25085

Follow Up Flag: Follow up
Flag Status: Flagged

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Another correction please

From: Mary Benzinger [mailto:mbenzinger@maulfoster.com]
Sent: Friday, April 24, 2026 10:08 AM
To: Philip Nerenberg
Cc: Cody Schweitzer
Subject: A6D1324 / 25085

CAUTION! THIS IS AN EXTERNAL EMAIL:

This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Philip,

Could we get the sample name corrected in Cape Fear report 25085? It was already corrected in the Apex report A6D1324.

The sample name should be: SWTS-DU-001

Thank you,

MARY BENZINGER | MAUL FOSTER & ALONGI, INC.
Senior Chemist
pronouns: she/her
m. 503 319 7132



MAUL FOSTER ALONGI

330 E Mill Plain Boulevard, Suite 405, Vancouver, WA 98660
www.maulfooster.com

DISCLAIMER: The information in this email, including any attachments, is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you are not the intended recipient, or believe you have received this communication in error, please do not print, copy, or

otherwise use or transmit the information. Please notify the sender by return email immediately and delete this message.

High Resolution Dioxins and Furans Analysis

Case Narrative

**HDOX Case Narrative
Apex Laboratories (APEX)
SDG A6D1324
Work Order 25085**

Revision 1

This SDG has been revised to update sample 25085001 from SWTS-DV-001 to SWTS-DU-001.

Method/Analysis Information

Product: Dioxins/Furans by EPA Method 1613B in Solids
Analytical Method: EPA Method 1613B
Extraction Method: SW846 3540C
Analytical Batch Number: 65697
Clean Up Batch Number: 65696
Extraction Batch Number: 65695

Sample Analysis

Sample 25085001 was received within temperature requirements at 5.0 °C.
The following samples were analyzed using the analytical protocol as established in EPA Method 1613B:

Sample ID	Client ID
12042121	Method Blank (MB)
12042122	Laboratory Control Sample (LCS)
12042123	Laboratory Control Sample Duplicate (LCSD)
12042124	25085001(SWTS-DV-001) Matrix Spike (MS)
12042125	25085001(SWTS-DV-001) Matrix Spike Duplicate (MSD)
25085001	SWTS-DU-001

The sample in this SDG was analyzed on a "dry weight" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-020 REV# 8 and CF-OA-E-002 REV# 23.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration

All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements

All associated calibration verification standard(s) (CVS) met the acceptance criteria.

Quality Control (QC) Information**Certification Statement**

The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement

The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries

All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery

The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery

The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement

The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation

Sample 25085001 (SWTS-DU-001) - Batch 65697 was selected for analysis as the matrix spike and matrix spike duplicate.

Matrix Spike (MS) Recovery Statement

Three MS recoveries for this SDG were not within the acceptance limits. Two failures confirm in the matrix spike duplicate and are attributed to matrix interference. 12042124 (SWTS-DU-001MS) - Batch 65697.

Matrix Spike Duplicate (MSD) Recovery Statement

Three MSD recoveries for this SDG were not within the acceptance limits. Two failures confirm in the MS and are attributed to matrix interference. 12042125 (SWTS-DU-001MSD) - Batch 65697.

MS/MSD Relative Percent Difference (RPD) Statement

The RPD(s) between the MS and MSD met the acceptance limits.

Duplicate Relative Percent Difference (RPD) Statement

The RPD between the sample and its duplicate met the acceptance limits.

Technical Information

Holding Time Specifications

CFA assigns holding times based on the associated methodology, which assigns the date and time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification

All procedures were performed as stated in the SOP.

Sample Dilutions

Samples 25085001 (SWTS-DU-001), 12042124 (SWTS-DU-001MS) and 12042125 (SWTS-DU-001MSD) - Batch 65697 were diluted x5 due to the presence of overrange target analytes.

Sample Re-extraction/Re-analysis

Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Manual Integrations

Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction. Manual integrations were required for data files in this SDG.

Sample Preparation

No difficulties were encountered during sample preparation.

System Configuration

This analysis was performed on the following instrument configuration:

Instrument ID	Instrument	System Configuration	Column ID	Column Description
HRP601_2	Primary Dioxin Analysis	Dioxin Analysis	DB-5MS	60m x 0.25mm, 0.25um

Sample Data Summary

Cape Fear Analytical, LLC

3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Qualifier Definition Report for

APEX001 Apex Laboratories

Client SDG: A6D1324 CFA Work Order: 25085

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the specified detection limit.
- J Value is estimated
- E Value is estimated - Concentration of the target analyte exceeds the instrument calibration range
- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a surrogate compound
- K Estimated Maximum Possible Concentration
- DL Indicates that sample is diluted.
- RA Indicates that sample is re-analyzed without re-extraction.
- RE Indicates that sample is re-extracted.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature:



Name: Laney Grice

Date: 01 MAY 2026

Title: Data Validator

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

Page 1 of 2

SDG Number: A6D1324
Lab Sample ID: 25085001
Client Sample: 1613B Soil
Client ID: SWTS-DU-001
Batch ID: 65697
Run Date: 04/15/2026 11:01
Data File: g15apr26a-3
Prep Batch: 65695
Prep Date: 13-APR-26

Client: APEX001
Date Collected: 04/07/2026 11:30
Date Received: 04/09/2026 09:56
Method: EPA Method 1613B
Analyst: MW3
Prep Method: SW846 3540C
Prep Aliquot: 10.23 g

Project: APEX00122
Matrix: SOIL
%Moisture: 1.7
Prep Basis: Dry Weight
Instrument: HRP601
Dilution: 5

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	J	2.09	pg/g	0.879	4.97
40321-76-4	1,2,3,7,8-PeCDD	J	21.3	pg/g	1.53	24.9
39227-28-6	1,2,3,4,7,8-HxCDD		46.7	pg/g	4.16	24.9
57653-85-7	1,2,3,6,7,8-HxCDD		167	pg/g	4.35	24.9
19408-74-3	1,2,3,7,8,9-HxCDD		86.5	pg/g	4.25	24.9
35822-46-9	1,2,3,4,6,7,8-HpCDD		5650	pg/g	17.9	24.9
3268-87-9	1,2,3,4,6,7,8,9-OCDD	E	52300	pg/g	15.9	49.7
51207-31-9	2,3,7,8-TCDF	J	1.23	pg/g	0.889	4.97
57117-41-6	1,2,3,7,8-PeCDF	J	4.67	pg/g	1.08	24.9
57117-31-4	2,3,4,7,8-PeCDF	J	9.62	pg/g	1.02	24.9
70648-26-9	1,2,3,4,7,8-HxCDF		34.3	pg/g	3.04	24.9
57117-44-9	1,2,3,6,7,8-HxCDF	J	21.9	pg/g	2.94	24.9
60851-34-5	2,3,4,6,7,8-HxCDF		34.8	pg/g	3.06	24.9
72918-21-9	1,2,3,7,8,9-HxCDF	J	10.7	pg/g	4.81	24.9
67562-39-4	1,2,3,4,6,7,8-HpCDF		847	pg/g	4.53	24.9
55673-89-7	1,2,3,4,7,8,9-HpCDF		68.5	pg/g	6.42	24.9
39001-02-0	1,2,3,4,6,7,8,9-OCDF		3260	pg/g	5.96	49.7
41903-57-5	Total TeCDD	JK	20.9	pg/g	0.879	
36088-22-9	Total PeCDD	JK	141	pg/g	1.53	
34465-46-8	Total HxCDD	J	1170	pg/g	4.16	
37871-00-4	Total HpCDD	E	10200	pg/g	17.9	
30402-14-3	Total TeCDF	JK	16.2	pg/g	0.889	
30402-15-4	Total PeCDF	J	184	pg/g	0.235	
55684-94-1	Total HxCDF	JK	988	pg/g	2.94	
38998-75-3	Total HpCDF	JK	3050	pg/g	4.53	
TEQ_D/F_0_M/TEQ WHO2005 ND=0 with EMPCs			149	pg/g		
TEQ_D/F_5_M/TEQ WHO2005 ND=0.5 with EMPCs			149	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		169	199	pg/g	84.8	(25%-164%)
13C-1,2,3,7,8-PeCDD		168	199	pg/g	84.7	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		156	199	pg/g	78.5	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		141	199	pg/g	70.9	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		176	199	pg/g	88.7	(23%-140%)
13C-OCDD		388	398	pg/g	97.7	(17%-157%)
13C-2,3,7,8-TCDF		157	199	pg/g	79.0	(24%-169%)
13C-1,2,3,7,8-PeCDF		160	199	pg/g	80.4	(24%-185%)
13C-2,3,4,7,8-PeCDF		166	199	pg/g	83.4	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		141	199	pg/g	70.9	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		138	199	pg/g	69.4	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		145	199	pg/g	72.9	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		138	199	pg/g	69.5	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

Page 2 of 2

SDG Number: A6D1324

Lab Sample ID: 25085001

Client Sample: 1613B Soil

Client ID: SWTS-DU-001

Batch ID: 65697

Run Date: 04/15/2026 11:01

Data File: g15apr26a-3

Prep Batch: 65695

Prep Date: 13-APR-26

Client: APEX001

Date Collected: 04/07/2026 11:30

Date Received: 04/09/2026 09:56

Method: EPA Method 1613B

Analyst: MW3

Prep Method: SW846 3540C

Prep Aliquot: 10.23 g

Project: APEX00122

Matrix: SOIL

%Moisture: 1.7

Prep Basis: Dry Weight

Instrument: HRP601

Dilution: 5

CAS No.	Parmname	Qual	Result	Units	EDL	PQL	
Surrogate/Tracer recovery		Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF			144	199	pg/g	72.4	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF			155	199	pg/g	78.1	(26%-138%)
37Cl-2,3,7,8-TCDD			18.0	19.9	pg/g	90.5	(35%-197%)

Comments:

J Value is estimated

E Value is estimated - Concentration of the target analyte exceeds the instrument calibration range

K Estimated Maximum Possible Concentration

Quality Control Summary

Hi-Res Dioxins/Furans Surrogate Recovery Report

SDG Number: A6D1324

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12042122	LCS for batch 65695	13C-2,3,7,8-TCDD		93.6	(20%-175%)
		13C-1,2,3,7,8-PeCDD		91.9	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		85.5	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		78.1	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		89.4	(22%-166%)
		13C-OCDD		75.8	(13%-199%)
		13C-2,3,7,8-TCDF		84.1	(22%-152%)
		13C-1,2,3,7,8-PeCDF		85.1	(21%-192%)
		13C-2,3,4,7,8-PeCDF		86.5	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		78.6	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		73.9	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		79.1	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		76.6	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		76.7	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		79.1	(20%-186%)
		37Cl-2,3,7,8-TCDD		99.6	(31%-191%)
12042123	LCSD for batch 65695	13C-2,3,7,8-TCDD		91.4	(20%-175%)
		13C-1,2,3,7,8-PeCDD		88.2	(21%-227%)
		13C-1,2,3,4,7,8-HxCDD		81.4	(21%-193%)
		13C-1,2,3,6,7,8-HxCDD		75.5	(25%-163%)
		13C-1,2,3,4,6,7,8-HpCDD		87.3	(22%-166%)
		13C-OCDD		77.1	(13%-199%)
		13C-2,3,7,8-TCDF		80.1	(22%-152%)
		13C-1,2,3,7,8-PeCDF		80.7	(21%-192%)
		13C-2,3,4,7,8-PeCDF		82.4	(13%-328%)
		13C-1,2,3,4,7,8-HxCDF		76.1	(19%-202%)
		13C-1,2,3,6,7,8-HxCDF		70.4	(21%-159%)
		13C-2,3,4,6,7,8-HxCDF		75.8	(22%-176%)
		13C-1,2,3,7,8,9-HxCDF		74.5	(17%-205%)
		13C-1,2,3,4,6,7,8-HpCDF		75.6	(21%-158%)
		13C-1,2,3,4,7,8,9-HpCDF		79.5	(20%-186%)
		37Cl-2,3,7,8-TCDD		93.2	(31%-191%)
12042121	MB for batch 65695	13C-2,3,7,8-TCDD		93.5	(25%-164%)
		13C-1,2,3,7,8-PeCDD		88.1	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		84.9	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		76.6	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		86.6	(23%-140%)
		13C-OCDD		77.9	(17%-157%)
		13C-2,3,7,8-TCDF		82.9	(24%-169%)
		13C-1,2,3,7,8-PeCDF		82.2	(24%-185%)
		13C-2,3,4,7,8-PeCDF		84.9	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		78.9	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		70.9	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		78.1	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		77.5	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		77.6	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		79.5	(26%-138%)
		37Cl-2,3,7,8-TCDD		97.2	(35%-197%)
25085001	SWTS-DU-001	13C-2,3,7,8-TCDD		84.8	D (25%-164%)

Hi-Res Dioxins/Furans Surrogate Recovery Report

SDG Number: A6D1324

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
25085001	SWTS-DU-001	13C-1,2,3,7,8-PeCDD		84.7 D	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		78.5 D	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		70.9 D	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		88.7 D	(23%-140%)
		13C-OCDD		97.7 D	(17%-157%)
		13C-2,3,7,8-TCDF		79.0 D	(24%-169%)
		13C-1,2,3,7,8-PeCDF		80.4 D	(24%-185%)
		13C-2,3,4,7,8-PeCDF		83.4 D	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		70.9 D	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		69.4 D	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		72.9 D	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		69.5 D	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		72.4 D	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		78.1 D	(26%-138%)
		37Cl-2,3,7,8-TCDD		90.5 D	(35%-197%)
12042124	SWTS-DU-001(25085001MS)	13C-2,3,7,8-TCDD		86.5 D	(25%-164%)
		13C-1,2,3,7,8-PeCDD		84.1 D	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		79.0 D	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		74.3 D	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		92.7 D	(23%-140%)
		13C-OCDD		99.9 D	(17%-157%)
		13C-2,3,7,8-TCDF		77.8 D	(24%-169%)
		13C-1,2,3,7,8-PeCDF		77.7 D	(24%-185%)
		13C-2,3,4,7,8-PeCDF		81.4 D	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		74.9 D	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		69.9 D	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		73.0 D	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		69.5 D	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		76.2 D	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		77.0 D	(26%-138%)
		37Cl-2,3,7,8-TCDD		88.2 D	(35%-197%)
12042125	SWTS-DU-001(25085001MSD)	13C-2,3,7,8-TCDD		89.6 D	(25%-164%)
		13C-1,2,3,7,8-PeCDD		87.9 D	(25%-181%)
		13C-1,2,3,4,7,8-HxCDD		80.3 D	(32%-141%)
		13C-1,2,3,6,7,8-HxCDD		78.3 D	(28%-130%)
		13C-1,2,3,4,6,7,8-HpCDD		94.4 D	(23%-140%)
		13C-OCDD		103 D	(17%-157%)
		13C-2,3,7,8-TCDF		81.4 D	(24%-169%)
		13C-1,2,3,7,8-PeCDF		83.7 D	(24%-185%)
		13C-2,3,4,7,8-PeCDF		87.1 D	(21%-178%)
		13C-1,2,3,4,7,8-HxCDF		76.7 D	(26%-152%)
		13C-1,2,3,6,7,8-HxCDF		74.6 D	(26%-123%)
		13C-2,3,4,6,7,8-HxCDF		75.6 D	(28%-136%)
		13C-1,2,3,7,8,9-HxCDF		73.9 D	(29%-147%)
		13C-1,2,3,4,6,7,8-HpCDF		75.1 D	(28%-143%)
		13C-1,2,3,4,7,8,9-HpCDF		82.0 D	(26%-138%)
		37Cl-2,3,7,8-TCDD		89.3 D	(35%-197%)

* Recovery outside Acceptance Limits

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: A6D1324

Matrix Type: SOLID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
-----------	-----------	-----------	------	--------------	-------------------

* Recovery outside Acceptance Limits

Column to be used to flag recovery values

D Sample Diluted

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

Page 1 of 2

SDG Number: A6D1324

Sample Type: Laboratory Control Sample

Client ID: LCS for batch 65695

Matrix: SOIL

Lab Sample ID: 12042122

Instrument: HRP601

Analysis Date: 04/14/2026 12:22

Dilution: 1

Analyst: MW3

Prep Batch ID: 65695

Batch ID: 65697

CAS No.	Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits
1746-01-6	LCS 2,3,7,8-TCDD	20.0	17.8	89.2	67-158
40321-76-4	LCS 1,2,3,7,8-PeCDD	100	96.7	96.7	70-142
39227-28-6	LCS 1,2,3,4,7,8-HxCDD	100	99.8	99.8	70-164
57653-85-7	LCS 1,2,3,6,7,8-HxCDD	100	102	102	76-134
19408-74-3	LCS 1,2,3,7,8,9-HxCDD	100	106	106	64-162
35822-46-9	LCS 1,2,3,4,6,7,8-HpCDD	100	101	101	70-140
3268-87-9	LCS 1,2,3,4,6,7,8,9-OCDD	200	218	109	78-144
51207-31-9	LCS 2,3,7,8-TCDF	20.0	19.0	95	75-158
57117-41-6	LCS 1,2,3,7,8-PeCDF	100	94.1	94.1	80-134
57117-31-4	LCS 2,3,4,7,8-PeCDF	100	94.3	94.3	68-160
70648-26-9	LCS 1,2,3,4,7,8-HxCDF	100	102	102	72-134
57117-44-9	LCS 1,2,3,6,7,8-HxCDF	100	101	101	84-130
60851-34-5	LCS 2,3,4,6,7,8-HxCDF	100	100	100	70-156
72918-21-9	LCS 1,2,3,7,8,9-HxCDF	100	104	104	78-130
67562-39-4	LCS 1,2,3,4,6,7,8-HpCDF	100	98.8	98.8	82-122
55673-89-7	LCS 1,2,3,4,7,8,9-HpCDF	100	103	103	78-138
39001-02-0	LCS 1,2,3,4,6,7,8,9-OCDF	200	204	102	63-170

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

Page 2 of 2

SDG Number: A6D1324

Sample Type: Laboratory Control Sample Duplicate

Client ID: LCSD for batch 65695

Matrix: SOIL

Lab Sample ID: 12042123

Instrument: HRP601

Analysis Date: 04/14/2026 13:12

Dilution: 1

Analyst: MW3

Prep Batch ID: 65695

Batch ID: 65697

CAS No.	Parmname	Amount Added pg/g	Spike Conc. pg/g	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	LCSD 2,3,7,8-TCDD	20.0	17.7	88.7	67-158	0.596	0-20
40321-76-4	LCSD 1,2,3,7,8-PeCDD	100	96.6	96.6	70-142	0.126	0-20
39227-28-6	LCSD 1,2,3,4,7,8-HxCDD	100	98.5	98.5	70-164	1.28	0-20
57653-85-7	LCSD 1,2,3,6,7,8-HxCDD	100	101	101	76-134	0.580	0-20
19408-74-3	LCSD 1,2,3,7,8,9-HxCDD	100	103	103	64-162	2.29	0-20
35822-46-9	LCSD 1,2,3,4,6,7,8-HpCDD	100	98.6	98.6	70-140	2.37	0-20
3268-87-9	LCSD 1,2,3,4,6,7,8,9-OCDD	200	222	111	78-144	1.84	0-20
51207-31-9	LCSD 2,3,7,8-TCDF	20.0	18.4	92.1	75-158	3.16	0-20
57117-41-6	LCSD 1,2,3,7,8-PeCDF	100	95.6	95.6	80-134	1.61	0-20
57117-31-4	LCSD 2,3,4,7,8-PeCDF	100	92.9	92.9	68-160	1.48	0-20
70648-26-9	LCSD 1,2,3,4,7,8-HxCDF	100	102	102	72-134	0.311	0-20
57117-44-9	LCSD 1,2,3,6,7,8-HxCDF	100	103	103	84-130	2.27	0-20
60851-34-5	LCSD 2,3,4,6,7,8-HxCDF	100	99.7	99.7	70-156	0.416	0-20
72918-21-9	LCSD 1,2,3,7,8,9-HxCDF	100	109	109	78-130	4.28	0-20
67562-39-4	LCSD 1,2,3,4,6,7,8-HpCDF	100	98.6	98.6	82-122	0.201	0-20
55673-89-7	LCSD 1,2,3,4,7,8,9-HpCDF	100	98.8	98.8	78-138	4.64	0-20
39001-02-0	LCSD 1,2,3,4,6,7,8,9-OCDF	200	203	102	63-170	0.554	0-20

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

Page 1 of 2

SDG Number: A6D1324
Client ID: SWTS-DU-001(25085001MS)
Lab Sample ID: 12042124
Instrument: HRP601
Analyst: MW3

Sample Type: Matrix Spike
Matrix: SOIL
%Moisture: 1.7
Analysis Date: 04/15/2026 11:51
Prep Batch ID: 65695
Batch ID: 65697
Dilution: 5

				Sample Conc.	Amount Added	Spike Conc.	Recovery	Acceptance
CAS No.		Parmname		pg/g	pg/g	pg/g	%	Limits
1746-01-6	MS	2,3,7,8-TCDD	J	2.09	19.9	19.6	88.1	70-130
40321-76-4	MS	1,2,3,7,8-PeCDD	J	21.3	99.4	126	105	70-130
39227-28-6	MS	1,2,3,4,7,8-HxCDD		46.7	99.4	139	93.2	70-130
57653-85-7	MS	1,2,3,6,7,8-HxCDD		167	99.4	276	109	70-130
19408-74-3	MS	1,2,3,7,8,9-HxCDD		86.5	99.4	204	118	70-130
35822-46-9	MS	1,2,3,4,6,7,8-HpCDD		5650	99.4	5890	241 *	70-130
3268-87-9	MS	1,2,3,4,6,7,8,9-OCDD	E	52300	199	55800	1780 *	70-130
51207-31-9	MS	2,3,7,8-TCDF	J	1.23	19.9	19.4	91.3	70-130
57117-41-6	MS	1,2,3,7,8-PeCDF	J	4.67	99.4	95.9	91.7	70-130
57117-31-4	MS	2,3,4,7,8-PeCDF	J	9.62	99.4	103	93.7	70-130
70648-26-9	MS	1,2,3,4,7,8-HxCDF		34.3	99.4	131	97.4	70-130
57117-44-9	MS	1,2,3,6,7,8-HxCDF	J	21.9	99.4	120	98.9	70-130
60851-34-5	MS	2,3,4,6,7,8-HxCDF		34.8	99.4	137	103	70-130
72918-21-9	MS	1,2,3,7,8,9-HxCDF	J	10.7	99.4	106	96.3	70-130
67562-39-4	MS	1,2,3,4,6,7,8-HpCDF		847	99.4	938	90.9	70-130
55673-89-7	MS	1,2,3,4,7,8,9-HpCDF		68.5	99.4	165	97.2	70-130
39001-02-0	MS	1,2,3,4,6,7,8,9-OCDF		3260	199	3580	164 *	70-130

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

Page 2 of 2

SDG Number: A6D1324

Sample Type: Matrix Spike Duplicate

Client ID: SWTS-DU-001(25085001MSD)

Matrix: SOIL

Lab Sample ID: 12042125

%Moisture: 1.7

Instrument: HRP601

Analysis Date: 04/15/2026 12:41

Dilution: 5

Analyst: MW3

Prep Batch ID: 65695

Batch ID: 65697

				Sample Conc.	Amount Added	Spike Conc.	Recovery	Acceptance	RPD	Acceptance
CAS No.	Parmname			pg/g	pg/g	pg/g	%	Limits	%	Limits
1746-01-6	MSD	2,3,7,8-TCDD	J	2.09	19.9	19.1	85.7	70-130	2.61	0-20
40321-76-4	MSD	1,2,3,7,8-PeCDD	J	21.3	99.3	123	103	70-130	1.93	0-20
39227-28-6	MSD	1,2,3,4,7,8-HxCDD		46.7	99.3	146	100	70-130	4.66	0-20
57653-85-7	MSD	1,2,3,6,7,8-HxCDD		167	99.3	273	107	70-130	0.964	0-20
19408-74-3	MSD	1,2,3,7,8,9-HxCDD		86.5	99.3	208	122	70-130	2.03	0-20
35822-46-9	MSD	1,2,3,4,6,7,8-HpCDD		5650	99.3	5840	186 *	70-130	0.936	0-20
3268-87-9	MSD	1,2,3,4,6,7,8,9-OCDD	E	52300	199	55500	1630 *	70-130	0.517	0-20
51207-31-9	MSD	2,3,7,8-TCDF	J	1.23	19.9	19.6	92.4	70-130	1.04	0-20
57117-41-6	MSD	1,2,3,7,8-PeCDF	J	4.67	99.3	90.7	86.7	70-130	5.50	0-20
57117-31-4	MSD	2,3,4,7,8-PeCDF	J	9.62	99.3	98.9	89.9	70-130	3.85	0-20
70648-26-9	MSD	1,2,3,4,7,8-HxCDF		34.3	99.3	130	96	70-130	1.17	0-20
57117-44-9	MSD	1,2,3,6,7,8-HxCDF	J	21.9	99.3	118	97	70-130	1.59	0-20
60851-34-5	MSD	2,3,4,6,7,8-HxCDF		34.8	99.3	133	98.4	70-130	3.47	0-20
72918-21-9	MSD	1,2,3,7,8,9-HxCDF	J	10.7	99.3	106	96.3	70-130	0.150	0-20
67562-39-4	MSD	1,2,3,4,6,7,8-HpCDF		847	99.3	982	136 *	70-130	4.62	0-20
55673-89-7	MSD	1,2,3,4,7,8,9-HpCDF		68.5	99.3	156	87.9	70-130	5.85	0-20
39001-02-0	MSD	1,2,3,4,6,7,8,9-OCDF		3260	199	3480	112	70-130	2.97	0-20

Method Blank Summary

Page 1 of 1

SDG Number: A6D1324
Client ID: MB for batch 65695
Lab Sample ID: 12042121
Column:

Client: APEX001
Instrument ID: HRP601
Prep Date: 13-APR-26

Matrix: SOIL
Data File: g14apr26a-4
Analyzed: 04/14/26 14:02

This method blank applies to the following samples and quality control samples:

Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01 LCS for batch 65695	12042122	g14apr26a-2	04/14/26	1222
02 LCSD for batch 65695	12042123	g14apr26a-3	04/14/26	1312
03 SWTS-DU-001(25085001MS)	12042124	g15apr26a-4	04/15/26	1151
04 SWTS-DU-001(25085001MSD)	12042125	g15apr26a-5	04/15/26	1241
05 SWTS-DU-001	25085001	g15apr26a-3	04/15/26	1101

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 2

SDG Number: A6D1324
Lab Sample ID:12042121
Client Sample: QC for batch 65695

Client: APEX001

Project: APEX00122
Matrix: SOIL

Client ID: MB for batch 65695

Prep Basis: As Received

Batch ID: 65697

Method: EPA Method 1613B

Run Date: 04/14/2026 14:02

Analyst: MW3

Instrument: HRP601

Data File: g14apr26a-4

Dilution: 1

Prep Batch: 65695

Prep Method: SW846 3540C

Prep Date: 13-APR-26

Prep Aliquot: 10 g

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD	U	0.0620	pg/g	0.0620	1.00
40321-76-4	1,2,3,7,8-PeCDD	J	0.0960	pg/g	0.0848	5.00
39227-28-6	1,2,3,4,7,8-HxCDD	U	0.111	pg/g	0.111	5.00
57653-85-7	1,2,3,6,7,8-HxCDD	U	0.104	pg/g	0.104	5.00
19408-74-3	1,2,3,7,8,9-HxCDD	JK	0.156	pg/g	0.107	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD	J	0.306	pg/g	0.150	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD	J	1.08	pg/g	0.278	10.0
51207-31-9	2,3,7,8-TCDF	U	0.115	pg/g	0.115	1.00
57117-41-6	1,2,3,7,8-PeCDF	J	0.192	pg/g	0.0842	5.00
57117-31-4	2,3,4,7,8-PeCDF	JK	0.136	pg/g	0.0802	5.00
70648-26-9	1,2,3,4,7,8-HxCDF	JK	0.252	pg/g	0.0836	5.00
57117-44-9	1,2,3,6,7,8-HxCDF	J	0.190	pg/g	0.0842	5.00
60851-34-5	2,3,4,6,7,8-HxCDF	J	0.156	pg/g	0.0828	5.00
72918-21-9	1,2,3,7,8,9-HxCDF	J	0.154	pg/g	0.125	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF	J	0.662	pg/g	0.0988	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF	JK	0.174	pg/g	0.152	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF	J	0.540	pg/g	0.246	10.0
41903-57-5	Total TeCDD	JK	0.0720	pg/g	0.0620	
36088-22-9	Total PeCDD	JK	0.200	pg/g	0.0848	
34465-46-8	Total HxCDD	JK	0.156	pg/g	0.104	
37871-00-4	Total HpCDD	J	0.494	pg/g	0.150	
30402-14-3	Total TeCDF	JK	0.152	pg/g	0.115	
30402-15-4	Total PeCDF	JK	0.696	pg/g	0.0422	
55684-94-1	Total HxCDF	JK	1.08	pg/g	0.0828	
38998-75-3	Total HpCDF	JK	0.836	pg/g	0.0988	
TEQ_D/F_0_MATEQ WHO2005 ND=0 with EMPCs			0.245	pg/g		
TEQ_D/F_5_MATEQ WHO2005 ND=0.5 with EMPCs			0.293	pg/g		

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		187	200	pg/g	93.5	(25%-164%)
13C-1,2,3,7,8-PeCDD		176	200	pg/g	88.1	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		170	200	pg/g	84.9	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		153	200	pg/g	76.6	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		173	200	pg/g	86.6	(23%-140%)
13C-OCDD		312	400	pg/g	77.9	(17%-157%)
13C-2,3,7,8-TCDF		166	200	pg/g	82.9	(24%-169%)
13C-1,2,3,7,8-PeCDF		164	200	pg/g	82.2	(24%-185%)
13C-2,3,4,7,8-PeCDF		170	200	pg/g	84.9	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		158	200	pg/g	78.9	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		142	200	pg/g	70.9	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		156	200	pg/g	78.1	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		155	200	pg/g	77.5	(29%-147%)

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

Page 2 of 2

SDG Number: A6D1324
Lab Sample ID:12042121
Client Sample: QC for batch 65695
Client ID: MB for batch 65695
Batch ID: 65697
Run Date: 04/14/2026 14:02
Data File: g14apr26a-4
Prep Batch: 65695
Prep Date: 13-APR-26

Client: APEX001

Method: EPA Method 1613B
Analyst: MW3

Prep Method: SW846 3540C
Prep Aliquot: 10 g

Project: APEX00122
Matrix: SOIL

Prep Basis: As Received

Instrument: HRP601
Dilution: 1

CAS No.	Parmname	Qual	Result	Units	EDL	PQL	
Surrogate/Tracer recovery		Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-1,2,3,4,6,7,8-HpCDF			155	200	pg/g	77.6	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF			159	200	pg/g	79.5	(26%-138%)
37Cl-2,3,7,8-TCDD			19.4	20.0	pg/g	97.2	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

J Value is estimated

K Estimated Maximum Possible Concentration

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 1

SDG Number: A6D1324
Lab Sample ID:12042122
Client Sample: QC for batch 65695

Client: APEX001

Project: APEX00122
Matrix: SOIL

Client ID: LCS for batch 65695

Prep Basis: As Received

Batch ID: 65697

Method: EPA Method 1613B

Run Date: 04/14/2026 12:22

Analyst: MW3

Instrument: HRP601

Data File: g14apr26a-2

Dilution: 1

Prep Batch: 65695

Prep Method: SW846 3540C

Prep Date: 13-APR-26

Prep Aliquot: 10 g

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		17.8	pg/g	0.0784	1.00
40321-76-4	1,2,3,7,8-PeCDD		96.7	pg/g	0.260	5.00
39227-28-6	1,2,3,4,7,8-HxCDD		99.8	pg/g	0.334	5.00
57653-85-7	1,2,3,6,7,8-HxCDD		102	pg/g	0.316	5.00
19408-74-3	1,2,3,7,8,9-HxCDD		106	pg/g	0.324	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD		101	pg/g	0.798	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD		218	pg/g	0.994	10.0
51207-31-9	2,3,7,8-TCDF		19.0	pg/g	0.171	1.00
57117-41-6	1,2,3,7,8-PeCDF		94.1	pg/g	0.254	5.00
57117-31-4	2,3,4,7,8-PeCDF		94.3	pg/g	0.238	5.00
70648-26-9	1,2,3,4,7,8-HxCDF		102	pg/g	0.372	5.00
57117-44-9	1,2,3,6,7,8-HxCDF		101	pg/g	0.370	5.00
60851-34-5	2,3,4,6,7,8-HxCDF		100	pg/g	0.372	5.00
72918-21-9	1,2,3,7,8,9-HxCDF		104	pg/g	0.580	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF		98.8	pg/g	0.616	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF		103	pg/g	0.948	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF		204	pg/g	0.948	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		187	200	pg/g	93.6	(20%-175%)
13C-1,2,3,7,8-PeCDD		184	200	pg/g	91.9	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		171	200	pg/g	85.5	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		156	200	pg/g	78.1	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		179	200	pg/g	89.4	(22%-166%)
13C-OCDD		303	400	pg/g	75.8	(13%-199%)
13C-2,3,7,8-TCDF		168	200	pg/g	84.1	(22%-152%)
13C-1,2,3,7,8-PeCDF		170	200	pg/g	85.1	(21%-192%)
13C-2,3,4,7,8-PeCDF		173	200	pg/g	86.5	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		157	200	pg/g	78.6	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		148	200	pg/g	73.9	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		158	200	pg/g	79.1	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		153	200	pg/g	76.6	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		153	200	pg/g	76.7	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		158	200	pg/g	79.1	(20%-186%)
37Cl-2,3,7,8-TCDD		19.9	20.0	pg/g	99.6	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

Page 1 of 1

SDG Number: A6D1324

Lab Sample ID:12042123

Client Sample: QC for batch 65695

Client ID: LCSD for batch 65695

Batch ID: 65697

Run Date: 04/14/2026 13:12

Data File: g14apr26a-3

Prep Batch: 65695

Prep Date: 13-APR-26

Client: APEX001

Project: APEX00122

Matrix: SOIL

Prep Basis: As Received

Method: EPA Method 1613B

Analyst: MW3

Instrument: HRP601

Dilution: 1

Prep Method: SW846 3540C

Prep Aliquot: 10 g

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		17.7	pg/g	0.0798	1.00
40321-76-4	1,2,3,7,8-PeCDD		96.6	pg/g	0.226	5.00
39227-28-6	1,2,3,4,7,8-HxCDD		98.5	pg/g	0.324	5.00
57653-85-7	1,2,3,6,7,8-HxCDD		101	pg/g	0.306	5.00
19408-74-3	1,2,3,7,8,9-HxCDD		103	pg/g	0.314	5.00
35822-46-9	1,2,3,4,6,7,8-HpCDD		98.6	pg/g	0.830	5.00
3268-87-9	1,2,3,4,6,7,8,9-OCDD		222	pg/g	1.19	10.0
51207-31-9	2,3,7,8-TCDF		18.4	pg/g	0.171	1.00
57117-41-6	1,2,3,7,8-PeCDF		95.6	pg/g	0.304	5.00
57117-31-4	2,3,4,7,8-PeCDF		92.9	pg/g	0.288	5.00
70648-26-9	1,2,3,4,7,8-HxCDF		102	pg/g	0.458	5.00
57117-44-9	1,2,3,6,7,8-HxCDF		103	pg/g	0.460	5.00
60851-34-5	2,3,4,6,7,8-HxCDF		99.7	pg/g	0.454	5.00
72918-21-9	1,2,3,7,8,9-HxCDF		109	pg/g	0.726	5.00
67562-39-4	1,2,3,4,6,7,8-HpCDF		98.6	pg/g	0.572	5.00
55673-89-7	1,2,3,4,7,8,9-HpCDF		98.8	pg/g	0.856	5.00
39001-02-0	1,2,3,4,6,7,8,9-OCDF		203	pg/g	1.17	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		183	200	pg/g	91.4	(20%-175%)
13C-1,2,3,7,8-PeCDD		176	200	pg/g	88.2	(21%-227%)
13C-1,2,3,4,7,8-HxCDD		163	200	pg/g	81.4	(21%-193%)
13C-1,2,3,6,7,8-HxCDD		151	200	pg/g	75.5	(25%-163%)
13C-1,2,3,4,6,7,8-HpCDD		175	200	pg/g	87.3	(22%-166%)
13C-OCDD		308	400	pg/g	77.1	(13%-199%)
13C-2,3,7,8-TCDF		160	200	pg/g	80.1	(22%-152%)
13C-1,2,3,7,8-PeCDF		161	200	pg/g	80.7	(21%-192%)
13C-2,3,4,7,8-PeCDF		165	200	pg/g	82.4	(13%-328%)
13C-1,2,3,4,7,8-HxCDF		152	200	pg/g	76.1	(19%-202%)
13C-1,2,3,6,7,8-HxCDF		141	200	pg/g	70.4	(21%-159%)
13C-2,3,4,6,7,8-HxCDF		152	200	pg/g	75.8	(22%-176%)
13C-1,2,3,7,8,9-HxCDF		149	200	pg/g	74.5	(17%-205%)
13C-1,2,3,4,6,7,8-HpCDF		151	200	pg/g	75.6	(21%-158%)
13C-1,2,3,4,7,8,9-HpCDF		159	200	pg/g	79.5	(20%-186%)
37Cl-2,3,7,8-TCDD		18.6	20.0	pg/g	93.2	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 1

SDG Number: A6D1324
Lab Sample ID:12042124
Client Sample: QC for batch 65695

Client ID: SWTS-DU-001(25085001MS)
Batch ID: 65697
Run Date: 04/15/2026 11:51
Data File: g15apr26a-4
Prep Batch: 65695
Prep Date: 13-APR-26

Client: APEX001
Date Collected: 04/07/2026 11:30
Date Received: 04/09/2026 09:56

Method: EPA Method 1613B
Analyst: MW3

Prep Method: SW846 3540C
Prep Aliquot: 10.23 g

Project: APEX00122
Matrix: SOIL
%Moisture: 1.7
Prep Basis: Dry Weight

Instrument: HRP601
Dilution: 5

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		19.6	pg/g	0.712	4.97
40321-76-4	1,2,3,7,8-PeCDD		126	pg/g	1.67	24.9
39227-28-6	1,2,3,4,7,8-HxCDD		139	pg/g	4.33	24.9
57653-85-7	1,2,3,6,7,8-HxCDD		276	pg/g	4.08	24.9
19408-74-3	1,2,3,7,8,9-HxCDD		204	pg/g	4.18	24.9
35822-46-9	1,2,3,4,6,7,8-HpCDD		5890	pg/g	17.1	24.9
3268-87-9	1,2,3,4,6,7,8,9-OCDD	E	55800	pg/g	13.8	49.7
51207-31-9	2,3,7,8-TCDF		19.4	pg/g	0.853	4.97
57117-41-6	1,2,3,7,8-PeCDF		95.9	pg/g	1.47	24.9
57117-31-4	2,3,4,7,8-PeCDF		103	pg/g	1.40	24.9
70648-26-9	1,2,3,4,7,8-HxCDF		131	pg/g	2.72	24.9
57117-44-9	1,2,3,6,7,8-HxCDF		120	pg/g	2.58	24.9
60851-34-5	2,3,4,6,7,8-HxCDF		137	pg/g	2.74	24.9
72918-21-9	1,2,3,7,8,9-HxCDF		106	pg/g	4.27	24.9
67562-39-4	1,2,3,4,6,7,8-HpCDF		938	pg/g	5.07	24.9
55673-89-7	1,2,3,4,7,8,9-HpCDF		165	pg/g	6.84	24.9
39001-02-0	1,2,3,4,6,7,8,9-OCDF		3580	pg/g	5.07	49.7

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		172	199	pg/g	86.5	(25%-164%)
13C-1,2,3,7,8-PeCDD		167	199	pg/g	84.1	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		157	199	pg/g	79.0	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		148	199	pg/g	74.3	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		184	199	pg/g	92.7	(23%-140%)
13C-OCDD		397	398	pg/g	99.9	(17%-157%)
13C-2,3,7,8-TCDF		155	199	pg/g	77.8	(24%-169%)
13C-1,2,3,7,8-PeCDF		155	199	pg/g	77.7	(24%-185%)
13C-2,3,4,7,8-PeCDF		162	199	pg/g	81.4	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		149	199	pg/g	74.9	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		139	199	pg/g	69.9	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		145	199	pg/g	73.0	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		138	199	pg/g	69.5	(29%-147%)
13C-1,2,3,4,6,7,8-HpCDF		151	199	pg/g	76.2	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		153	199	pg/g	77.0	(26%-138%)
37Cl-2,3,7,8-TCDD		17.5	19.9	pg/g	88.2	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

E Value is estimated - Concentration of the target analyte exceeds the instrument calibration range

**Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary**

Page 1 of 1

SDG Number: A6D1324
Lab Sample ID:12042125
Client Sample: QC for batch 65695

Client: APEX001
Date Collected: 04/07/2026 11:30
Date Received: 04/09/2026 09:56

Project: APEX00122
Matrix: SOIL
%Moisture: 1.7
Prep Basis: Dry Weight

Client ID: SWTS-DU-001(25085001MSD)
Batch ID: 65697
Run Date: 04/15/2026 12:41
Data File: g15apr26a-5
Prep Batch: 65695
Prep Date: 13-APR-26

Method: EPA Method 1613B
Analyst: MW3
Prep Method: SW846 3540C
Prep Aliquot: 10.24 g

Instrument: HRP601
Dilution: 5

CAS No.	Parmname	Qual	Result	Units	EDL	PQL
1746-01-6	2,3,7,8-TCDD		19.1	pg/g	0.653	4.97
40321-76-4	1,2,3,7,8-PeCDD		123	pg/g	1.66	24.8
39227-28-6	1,2,3,4,7,8-HxCDD		146	pg/g	4.21	24.8
57653-85-7	1,2,3,6,7,8-HxCDD		273	pg/g	3.97	24.8
19408-74-3	1,2,3,7,8,9-HxCDD		208	pg/g	4.07	24.8
35822-46-9	1,2,3,4,6,7,8-HpCDD		5840	pg/g	18.5	24.8
3268-87-9	1,2,3,4,6,7,8,9-OCDD	E	55500	pg/g	14.9	49.7
51207-31-9	2,3,7,8-TCDF		19.6	pg/g	0.850	4.97
57117-41-6	1,2,3,7,8-PeCDF		90.7	pg/g	1.33	24.8
57117-31-4	2,3,4,7,8-PeCDF		98.9	pg/g	1.23	24.8
70648-26-9	1,2,3,4,7,8-HxCDF		130	pg/g	3.28	24.8
57117-44-9	1,2,3,6,7,8-HxCDF		118	pg/g	3.12	24.8
60851-34-5	2,3,4,6,7,8-HxCDF		133	pg/g	3.14	24.8
72918-21-9	1,2,3,7,8,9-HxCDF		106	pg/g	5.05	24.8
67562-39-4	1,2,3,4,6,7,8-HpCDF		982	pg/g	4.61	24.8
55673-89-7	1,2,3,4,7,8,9-HpCDF		156	pg/g	6.95	24.8
39001-02-0	1,2,3,4,6,7,8,9-OCDF		3480	pg/g	5.44	49.7

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		178	199	pg/g	89.6	(25%-164%)
13C-1,2,3,7,8-PeCDD		175	199	pg/g	87.9	(25%-181%)
13C-1,2,3,4,7,8-HxCDD		160	199	pg/g	80.3	(32%-141%)
13C-1,2,3,6,7,8-HxCDD		156	199	pg/g	78.3	(28%-130%)
13C-1,2,3,4,6,7,8-HpCDD		188	199	pg/g	94.4	(23%-140%)
13C-OCDD		409	397	pg/g	103	(17%-157%)
13C-2,3,7,8-TCDF		162	199	pg/g	81.4	(24%-169%)
13C-1,2,3,7,8-PeCDF		166	199	pg/g	83.7	(24%-185%)
13C-2,3,4,7,8-PeCDF		173	199	pg/g	87.1	(21%-178%)
13C-1,2,3,4,7,8-HxCDF		152	199	pg/g	76.7	(26%-152%)
13C-1,2,3,6,7,8-HxCDF		148	199	pg/g	74.6	(26%-123%)
13C-2,3,4,6,7,8-HxCDF		150	199	pg/g	75.6	(28%-136%)
13C-1,2,3,7,8,9-HxCDF		147	199	pg/g	73.9	(29%-147%)
13C-1,2,3,4,6,7,8-HpCDF		149	199	pg/g	75.1	(28%-143%)
13C-1,2,3,4,7,8,9-HpCDF		163	199	pg/g	82.0	(26%-138%)
37Cl-2,3,7,8-TCDD		17.7	19.9	pg/g	89.3	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

E Value is estimated - Concentration of the target analyte exceeds the instrument calibration range

Attachment C

SMPP Figure 1: Soil Profile Decision Tree



MAUL
FOSTER
ALONGI

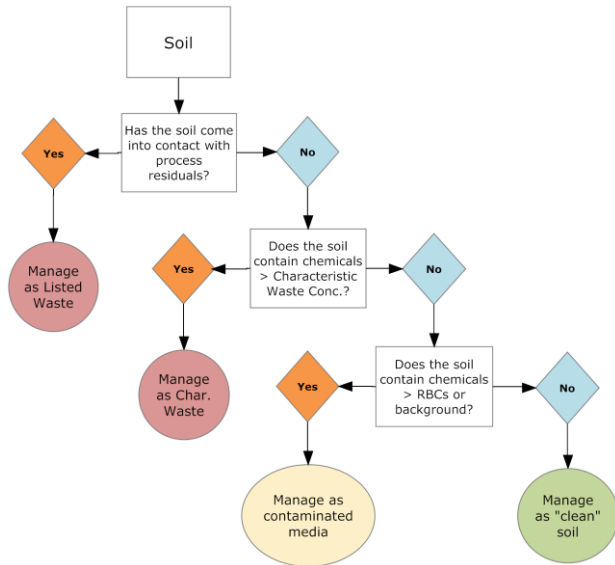


Figure 1: Soil Profile Decision Tree