



December 9, 2025

Project No. M0022.01.052

Nancy Sawka

Oregon Department of Environmental Quality

4026 Fairview Industrial Dr. SE

Salem, OR, 97302

Re: Framing Skids Paving 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 soil characterization process and proposed disposal pathway for soil excavated as part of the Framing Skids Paving SMP provided to the Oregon Department of Environmental Quality (DEQ) on August 4, 2025 (Attachment A). DEQ provided comments to the report on August 14, 2025 and MFA provided responses to comments on September 22, 2025. DEQ approved the SMP on October 7, 2025. This information is being provided to DEQ as required under the May 2014 Soil Management Plan Procedures (SMPP) for the Site.

## Project Description

In accordance with the SMP and sampling modifications approved by DEQ, incremental sampling method (ISM) sampling was conducted in the proposed framing skids paving area. 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 was collected using a roto-hammer with a decontaminated steel auger bit.

Approximately 30-grams of material were collected at each points 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.

## Data Summary

In accordance with the SMPP for the Site, the sample was analyzed for three chemicals of potential concern (COPC): total arsenic by 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 non-detect with a detection limit of 0.489 milligrams per kilogram (mg/kg).

- Total penta was non-detect with a detection limit of 0.0524 mg/kg.
- Dioxins/furans toxicity equivalency (TEQ) was calculated at 13 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 from the excavation area 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 Environmental Protection Agency (EPA) Hazardous Waste Rule of 20<sup>1</sup>, based on EPA toxicity characteristic regulatory limits from Table 1 of U.S. 40 Code of Federal Regulations part 261.24.

The arsenic and penta concentrations are non-detect and both detection limits are 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 occupational and excavation worker RBC.

As there is no RBC exceedance, the proposed excavated soil from the framing skids paving area is not considered a contaminated media.

## Conclusion

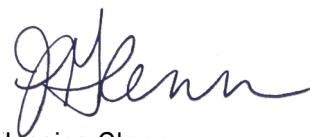
Based on the soil profile decision tree evaluation, the soil to be excavated from the proposed framing skids paving area can be disposed of as non-contaminated soil. Stella-Jones will manage the soil as such and will coordinate with a waste hauler and appropriate disposal facility to direct load the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

Sincerely,

Maul Foster & Alongi, Inc.



Cody Schweitzer, RG  
Project Geologist



Jessica Glenn  
Principal Environmental Scientist

<sup>1</sup> 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.

## Attachment

Limitations

Table

A—Framing Skids Paving SMP

B—Laboratory Report

C—SMPP Figure 1: Soil Profile Decision Tree

cc:

Alex Clark

Heather Gawne

Tony Ellison

Robert Campbell

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.

# Table

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**Table**  
**Framing Skids Soil Results**  
**Stella-Jones Sheridan**



Location:	RBC, Soil Ingestion, Dermal Contact, and Inhalation <sup>(1)</sup>		EPA Hazardous Waste, Rule of 20 <sup>(a)</sup>	FRAMING SKIDS	
Sample Name:				Framing Skids-DU-1	
Collection Date:	Occupational	Excavation Worker		10/09/2025	
Collection Depth (ft bgs):				0-0.5	
<b>Total Metals (mg/kg)</b>					
Arsenic	1.9	420	100	0.489 U	
<b>SVOCs (mg/kg)</b>					
Pentachlorophenol	4.0	960	2,000	0.0524 U	
<b>Dioxins/Furans (pg/g)</b>					
1,2,3,4,6,7,8-HpCDD	NV	NV	NV	608	
1,2,3,4,6,7,8-HpCDF	NV	NV	NV	134	
1,2,3,4,7,8,9-HpCDF	NV	NV	NV	8.44	
1,2,3,4,7,8-HxCDD	NV	NV	NV	3.47	
1,2,3,4,7,8-HxCDF	NV	NV	NV	1.69 U	
1,2,3,6,7,8-HxCDD	NV	NV	NV	14.2	
1,2,3,6,7,8-HxCDF	NV	NV	NV	1.59 U	
1,2,3,7,8,9-HxCDD	NV	NV	NV	7.18	
1,2,3,7,8,9-HxCDF	NV	NV	NV	4.47	
1,2,3,7,8-PeCDD	NV	NV	NV	0.718 U	
1,2,3,7,8-PeCDF	NV	NV	NV	1.26 U	
2,3,4,6,7,8-HxCDF	NV	NV	NV	4.94	
2,3,4,7,8-PeCDF	NV	NV	NV	1.38 U	
2,3,7,8-TCDD	16	4,800	NV	0.364 U	
2,3,7,8-TCDF	NV	NV	NV	0.343 U	
OCDD	NV	NV	NV	3,180	
OCDF	NV	NV	NV	446	
Total HpCDDs	NV	NV	NV	916	
Total HpCDFs	NV	NV	NV	383	
Total HxCDDs	NV	NV	NV	97.3	
Total HxCDFs	NV	NV	NV	87.0	
Total PeCDDs	NV	NV	NV	0.718 U	
Total PeCDFs	NV	NV	NV	21.9	
Total TCDDs	NV	NV	NV	0.364 U	
Total TCDFs	NV	NV	NV	0.343 U	
Dioxin/Furan TEQ <sup>(b)(2)</sup>	16	4,800	NV	13.0 T	

**Table**  
**Framing Skids Soil Results**  
**Stella-Jones Sheridan**



**Notes**

Detected results were compared with screening criteria and no exceedances were identified.

EPA = U.S. Environmental Protection Agency.

ft bgs = feet below ground surface.

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 is non-detect at the sample-specific estimated detection limit or method detection limit.

<sup>(a)</sup>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.

<sup>(b)</sup>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**

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

<sup>(2)</sup>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/kf055]

## Attachment A

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### Framing Skids Paving SMP





M A U L  
F O S T E R  
A L O N G I

# Memorandum

To: Nancy Sawka, Oregon Department of Environmental Quality Date: August 4, 2025  
From: Cody Schweitzer, RG, Maul Foster & Alongi, Inc. Project No.: M0022.01.052  
Re: Soil Management Plan: Project Description for Framing Skids Paving

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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 in preparation for paving in the framing skids area. This information is being provided to the Oregon Department of Environmental Quality (DEQ) as required under the May 2014 Soil Management Plan Procedures (SMPP) for the Site.

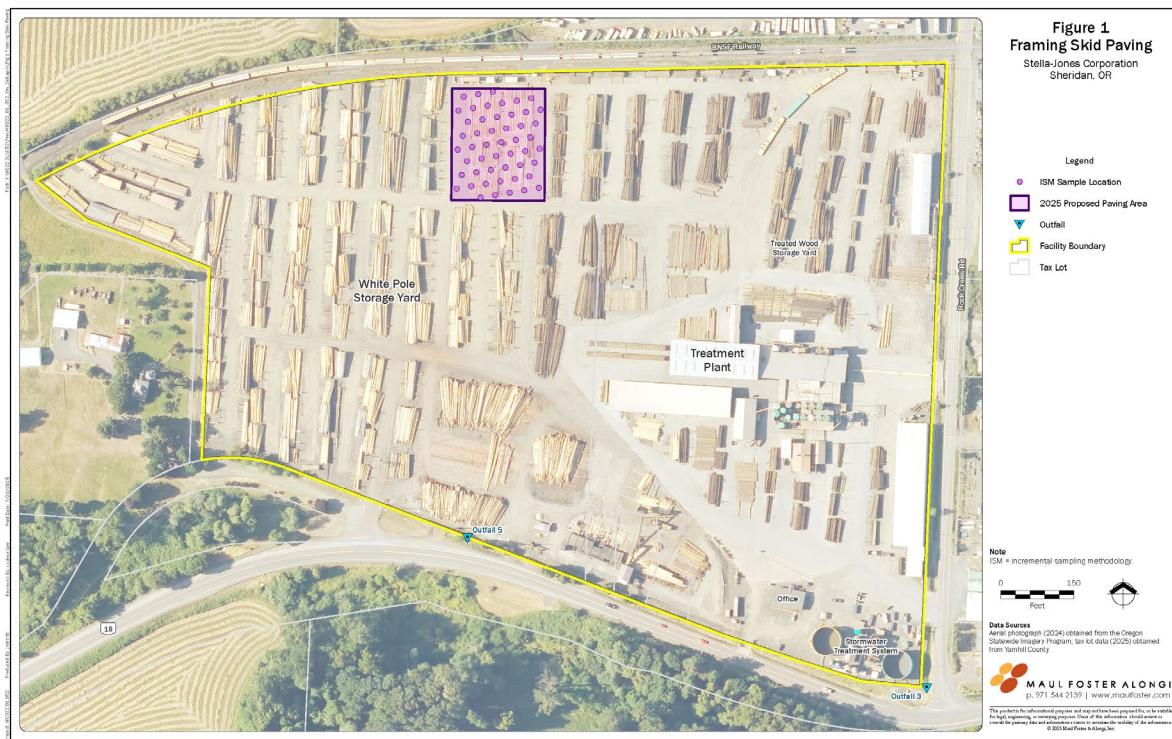
Stella-Jones and MFA understand that DEQ approval is required prior to any excavation activities on Site. To obtain DEQ approval, this memorandum includes the following information, as required by the SMPP:

- Description of proposed excavation activities
- Field activities (sampling locations, sample methodology, chemical analyses)
- 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

In 2025, Stella-Jones plans to pave the Framing Skids area shown on Figure 1 below. The ground surface of the area consists primarily of crushed gravel; the addition of asphalt pavement will allow for easier maintenance of the area. To prepare for the paving activities, the gravel will require excavation to a depth of approximately 6 inches across the approximately 43,826-square-foot area. This will generate an estimated 810 cubic yards of excavated soil.



### Figure 1. Framing Skids Paving Area

Consistent with the procedures in a previous DEQ-approved paving SMP for the Site, 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 and avoid the protracted process of stockpiling the soil on Site, sampling the soil, and awaiting the sample results and DEQ approval of the proposal disposal pathway.

### Sampling Activities

Surface soil (0 to 6 inches) will be sampled using an ISM approach following current DEQ Decision Unit Characterization guidance.<sup>1</sup> 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 20 grams each for a total of approximately 1,000 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.

Sample increments will be retrieved using a stainless-steel soil core 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

<sup>1</sup> DEQ. 2020. *Decision Unit Characterization*. Oregon Department of Environmental Quality. September 14.

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, the ISM sample will be 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

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### Laboratory Report

Wednesday, October 22, 2025

Cody Schweitzer

Maul Foster & Alongi, INC.  
3140 NE Broadway Street  
Portland, OR 97232

RE: A5J1347 - Stella-Jones Sheridan - 2025 On-Call. - M0022.01.052

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 A5J1347, which was received by the laboratory on 10/9/2025 at 5:55:00PM.

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](mailto: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 1.4 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.

**ORELAP**



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.*



## 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 - 2025 On-Call.

Project Number: **M0022.01.052**

Project Manager: **Cody Schweitzer**

Report ID:

**A5J1347 - 10 22 25 1211**

## ANALYTICAL REPORT FOR SAMPLES

### SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Framing Skids-DU-1	A5J1347-01	Soil	10/09/25 15:15	10/09/25 17:55
Framing Skids-DU-1	A5J1347-02	Soil	10/09/25 15:15	10/09/25 17:55

Apex Laboratories

A handwritten signature in black ink that reads "Philip Nerenberg".

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Philip Nerenberg, Lab Director

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ORELAP ID: OR100062

**Maul Foster & Alongi, INC.**

3140 NE Broadway Street

Portland, OR 97232

Project: **Stella-Jones Sheridan - 2025 On-Call.**

Project Number: **M0022.01.052**

**Report ID:**

Project Manager: **Cody Schweitzer**

**A5J1347 - 10 22 25 1211**

## ANALYTICAL SAMPLE RESULTS

### Pentachlorophenol by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>Framing Skids-DU-1 (A5J1347-02RE2)</b>								
Pentachlorophenol (PCP)	ND	52.4	105	ug/kg dry	4	10/21/25 13:56	EPA 8270E	
Surrogate: 2,4,6-Tribromophenol (Surr)			Recovery: 36 %	Limits: 39-132 %	4	10/21/25 13:56	EPA 8270E	S-03

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3140 NE Broadway Street

Portland, OR 97232

Project: **Stella-Jones Sheridan - 2025 On-Call.**

Project Number: **M0022.01.052**

**Report ID:**

Project Manager: **Cody Schweitzer**

**A5J1347 - 10 22 25 1211**

### ANALYTICAL SAMPLE RESULTS

#### Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>Framing Skids-DU-1 (A5J1347-02)</b>								<b>Matrix: Soil</b>
Batch: 25J0547								
Arsenic	ND	0.489	0.977	mg/kg dry	10	10/16/25 18:17	EPA 6020B	PRO

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Project Number: **M0022.01.052**

**Report ID:**

Project Manager: **Cody Schweitzer**

**A5J1347 - 10 22 25 1211**

### ANALYTICAL SAMPLE RESULTS

#### Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
<b>Framing Skids-DU-1 (A5J1347-02)</b>				<b>Matrix: Soil</b>		<b>Batch: 25J0422</b>		<b>PRO</b>
<b>% Solids</b>	<b>98.7</b>	---	1.00	%	1	10/13/25 08:27	EPA 8000D	

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Philip Nerenberg, Lab Director

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**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 97232Project: Stella-Jones Sheridan - 2025 On-Call.Project Number: **M0022.01.052**Project Manager: **Cody Schweitzer****Report ID:****A5J1347 - 10 22 25 1211****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
<b>Batch 25J0579 - EPA 3546</b>												
<b>Blank (25J0579-BLK2)</b> Prepared: 10/16/25 08:55    Analyzed: 10/16/25 14:29												
<u>EPA 8270E</u>												
Pentachlorophenol (PCP)      ND      13.3      26.7      ug/kg wet      1      ---      ---      ---      ---      ---      ---												
Surr: 2,4,6-Tribromophenol (Surr)      Recovery: 107 %      Limits: 39-132 %      Dilution: 1x												
<b>LCS (25J0579-BS2)</b> Prepared: 10/16/25 08:55    Analyzed: 10/16/25 15:03												
<u>EPA 8270E</u>												
Pentachlorophenol (PCP)      502      53.2      107      ug/kg wet      4      533      ---      94      25-133%      ---      ---												
Surr: 2,4,6-Tribromophenol (Surr)      Recovery: 114 %      Limits: 39-132 %      Dilution: 4x												
<b>Matrix Spike (25J0579-MS2)</b> Prepared: 10/16/25 08:55    Analyzed: 10/16/25 16:12												
<u>QC Source Sample: Non-SDG (A5H1146-03)</u>												
<u>EPA 8270E</u>												
Pentachlorophenol (PCP)      577      57.9      116      ug/kg dry      4      581      ND      99      25-133%      ---      ---												
Surr: 2,4,6-Tribromophenol (Surr)      Recovery: 98 %      Limits: 39-132 %      Dilution: 4x												
<b>Matrix Spike Dup (25J0579-MSD2)</b> Prepared: 10/16/25 08:55    Analyzed: 10/16/25 16:46												
<u>QC Source Sample: Non-SDG (A5H1146-03)</u>												
Pentachlorophenol (PCP)      594      57.7      116      ug/kg dry      4      578      ND      103      25-133%      3      30%												
Surr: 2,4,6-Tribromophenol (Surr)      Recovery: 102 %      Limits: 39-132 %      Dilution: 4x												
<b>Batch 25J0705 - EPA 3546</b>												
<b>Blank (25J0705-BLK1)</b> Prepared: 10/20/25 12:22    Analyzed: 10/21/25 09:43												
<u>EPA 8270E</u>												
Pentachlorophenol (PCP)      ND      13.3      26.7      ug/kg wet      1      ---      ---      ---      ---      ---      ---												
Surr: 2,4,6-Tribromophenol (Surr)      Recovery: 84 %      Limits: 39-132 %      Dilution: 1x												
<b>LCS (25J0705-BS1)</b> Prepared: 10/20/25 12:22    Analyzed: 10/21/25 10:19												
<u>EPA 8270E</u>												
Pentachlorophenol (PCP)      344      53.2      107      ug/kg wet      4      533      ---      64      25-133%      ---      ---												
Surr: 2,4,6-Tribromophenol (Surr)      Recovery: 101 %      Limits: 39-132 %      Dilution: 4x												

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Philip Nerenberg, Lab Director

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**ANALYTICAL REPORT****Apex Laboratories, LLC**

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ORELAP ID: OR100062

**Maul Foster & Alongi, INC.**3140 NE Broadway Street  
Portland, OR 97232Project: **Stella-Jones Sheridan - 2025 On-Call.**Project Number: **M0022.01.052**Project Manager: **Cody Schweitzer****Report ID:****A5J1347 - 10 22 25 1211****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
<b>Batch 25J0705 - EPA 3546</b>												
<b>Duplicate (25J0705-DUP1)</b>												
<b>QC Source Sample: Non-SDG (A5J1545-01RE1)</b>												
Pentachlorophenol (PCP)	ND	51.5	103	ug/kg wet	4	---	ND	---	---	---	30%	
<i>Surr: 2,4,6-Tribromophenol (Surr)</i>												
<b>Matrix Spike (25J0705-MS1)</b>												
<b>QC Source Sample: Non-SDG (A5J1545-01RE1)</b>												
<b>EPA 8270E</b>												
Pentachlorophenol (PCP)	489	50.3	101	ug/kg wet	4	504	ND	97	25-133%	---	---	
<i>Surr: 2,4,6-Tribromophenol (Surr)</i>												

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Philip Nerenberg, Lab Director

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Portland, OR 97232Project: Stella-Jones Sheridan - 2025 On-Call.Project Number: **M0022.01.052**Project Manager: **Cody Schweitzer**Report ID:**A5J1347 - 10 22 25 1211****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
<b>Batch 25J0547 - EPA 3051A</b>												
<b>Blank (25J0547-BLK1)</b> Prepared: 10/15/25 12:04    Analyzed: 10/16/25 16:53												
<u>EPA 6020B</u>												
Arsenic      ND      0.500      1.00      mg/kg wet      10      ---      ---      ---      ---      ---      ---												
<b>LCS (25J0547-BS1)</b> Prepared: 10/15/25 12:04    Analyzed: 10/16/25 17:03												
<u>EPA 6020B</u>												
Arsenic      50.1      0.500      1.00      mg/kg wet      10      50.0      ---      100      80-120%      ---      ---												
<b>Duplicate (25J0547-DUP1)</b> Prepared: 10/15/25 12:04    Analyzed: 10/16/25 17:14												
<u>QC Source Sample: Non-SDG (A5J1324-01)</u>												
Arsenic <b>4.88</b> 0.580      1.16      mg/kg dry      10      ---      4.69      ---      ---      4      20%												
<b>Matrix Spike (25J0547-MS1)</b> Prepared: 10/15/25 12:04    Analyzed: 10/16/25 17:19												
<u>QC Source Sample: Non-SDG (A5J1324-01)</u>												
<u>EPA 6020B</u>												
Arsenic      57.7      0.548      1.10      mg/kg dry      10      54.8      4.69      97      75-125%      ---      ---												

Apex Laboratories

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Philip Nerenberg, Lab Director

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**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 97232Project: Stella-Jones Sheridan - 2025 On-Call.Project Number: **M0022.01.052**Project Manager: **Cody Schweitzer**Report ID:**A5J1347 - 10 22 25 1211****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
<b>Batch 25J0422 - Dry Weight Prep (EPA 8000D)</b>												
<b>Duplicate (25J0422-DUP1)</b> Prepared: 10/11/25 18:07    Analyzed: 10/13/25 08:27 <b>Soil</b> <b>CONT</b>												
<u>QC Source Sample: Non-SDG (A5G1605-01)</u>												
% Solids	<b>94.5</b>	---	1.00	%	1	---	94.8	---	---	0.4	10%	
<b>Duplicate (25J0422-DUP2)</b> Prepared: 10/11/25 18:07    Analyzed: 10/13/25 08:27												
<u>QC Source Sample: Non-SDG (A5G1605-06)</u>												
% Solids	<b>89.8</b>	---	1.00	%	1	---	90.6	---	---	0.9	10%	
<b>Duplicate (25J0422-DUP3)</b> Prepared: 10/11/25 18:07    Analyzed: 10/13/25 08:27												
<u>QC Source Sample: Non-SDG (A5J1316-01)</u>												
% Solids	<b>81.1</b>	---	1.00	%	1	---	81.3	---	---	0.2	10%	
<b>Duplicate (25J0422-DUP4)</b> Prepared: 10/11/25 18:07    Analyzed: 10/13/25 08:27												
<u>QC Source Sample: Non-SDG (A5J1324-01)</u>												
% Solids	<b>90.8</b>	---	1.00	%	1	---	91.2	---	---	0.4	10%	
<b>Duplicate (25J0422-DUP5)</b> Prepared: 10/11/25 18:07    Analyzed: 10/13/25 08:27												
<u>QC Source Sample: Non-SDG (A5J1328-01)</u>												
% Solids	<b>84.1</b>	---	1.00	%	1	---	84.0	---	---	0.08	10%	

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

Apex Laboratories

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Philip Nerenberg, Lab Director

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## 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 - 2025 On-Call.**

Project Number: **M0022.01.052**

Project Manager: **Cody Schweitzer**

**Report ID:**

**A5J1347 - 10 22 25 1211**

### 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
Batch: 25J0705							

A5J1347-02RE2

Soil

EPA 8270E

10/09/25 15:15

10/20/25 12:52

15.42g/2mL

15g/2mL

0.97

#### Total Metals by EPA 6020B (ICPMS)

**Prep: EPA 3051A**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25J0547							

A5J1347-02

Soil

EPA 6020B

10/09/25 15:15

10/15/25 12:04

0.518g/50mL

0.5g/50mL

0.97

#### Percent Dry Weight

**Prep: Dry Weight Prep (EPA 8000D)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25J0422							

A5J1347-02

Soil

EPA 8000D

10/09/25 15:15

10/11/25 18:07

1g

1g

1.00

Apex Laboratories

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Philip Nerenberg, Lab Director

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## 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 - 2025 On-Call.**

Project Number: **M0022.01.052**

Project Manager: **Cody Schweitzer**

**Report ID:**

**A5J1347 - 10 22 25 1211**

## QUALIFIER DEFINITIONS

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

#### **Apex Laboratories**

**CONT** The Sample Container provided for this analysis was not provided by Apex Laboratories, and has not been verified as part of the Apex Quality System.

**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

A handwritten signature in black ink that reads "Philip Nerenberg".

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Philip Nerenberg, Lab Director

Page 11 of 17

**Maul Foster & Alongi, INC.**

 3140 NE Broadway Street  
 Portland, OR 97232

 Project: Stella-Jones Sheridan - 2025 On-Call.

 Project Number: **M0022.01.052**

 Project Manager: **Cody Schweitzer**
**Report ID:**
**A5J1347 - 10 22 25 1211**
**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



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Philip Nerenberg, Lab Director

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**Maul Foster & Alongi, INC.**

3140 NE Broadway Street  
Portland, OR 97232

Project: **Stella-Jones Sheridan - 2025 On-Call.**

Project Number: **M0022.01.052**

Project Manager: **Cody Schweitzer**

**Report ID:**

**A5J1347 - 10 22 25 1211**

### 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 ½ 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.



## 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 - 2025 On-Call.**

Project Number: **M0022.01.052**

Project Manager: **Cody Schweitzer**

**Report ID:**

**A5J1347 - 10 22 25 1211**

**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

Philip Nerenberg, Lab Director

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## ANALYTICAL REPORT

**Apex Laboratories, LLC**

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3140 NE Broadway Street

Portland, OR 97232

Project: Stella-Jones Sheridan - 2025 On-Call.

Project Number: **M0022.01.052**

Project Manager: **Cody Schweitzer**

Report ID:

**A5J1347 - 10 22 25 1211**

## 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
<u>All reported analytes are included in Apex Laboratories' current ORELAP scope.</u>					

#### 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

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Philip Nerenberg, Lab Director

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Maul Foster & Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

Project: Stella-Jones Sheridan - 2025 On-Call.

Project Number: M0022.01.052

Project Manager: Cody Schweitzer

Report ID:

A5J1347 - 10 22 25 1211

APEX LABS		CHAIN OF CUSTODY		ANALYSIS REQUEST		SPECIAL INSTRUCTIONS	
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323		Project: <u>Maul Foster &amp; Alongi</u> Project Mgr: <u>Cody Schweitzer</u> Project #: <u>M0022.01.052</u>		Phone: <u>971-254-3074</u> Email: <u>Cschweitzer@maulfoster.com</u> PO#		Lab # <u>A5J1347</u> coc <u>1</u> of <u>1</u>	
Sampled by: <u>Stephen Chapman &amp; Connor Anderson</u>		State Sampled: <u>OR</u> WA		TIME		# OF CONTAINERS	
Other _____		SAMPLE ID		DATE		MATRIX	
County: <u>Yelm</u>		1 <u>Fremont Shdls - Dkt-1</u>		10/9/15		1	
		2					
		3					
		4					
		5					
		6					
		7					
		8					
		9					
		10					
Normal Turn Around Time (TAT) = 10 Business Days --> <u>SC</u>							
*** RUSH - Request -->				Indicate Date Needed:			
				*** Rush TAT requests may incur additional cost			
				For TAT calculations, samples received after 5pm will be considered received the next business day.			
				Data will be reported by 6pm.			
				Samples with >24 hrs of hold time may be surcharged.			
SAMPLES ARE HELD FOR 30 DAYS							
RElinquished By:		RECEIVED BY:					
Signature: <u>Philip Nerenberg</u>		Signature: <u>John J. Nerenberg</u>					
Printed Name: <u>Philip Nerenberg</u>		Printed Name: <u>John J. Nerenberg</u>					
Time: <u>10:55</u>		Time: <u>10:55</u>					
Comments: <u>None</u>		Comments: <u>None</u>					
Comments: <u>MFA</u>		Comments: <u>MFA</u>					

Apex Laboratories



Philip Nerenberg, Lab Director

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Maul Foster &amp; Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

 Project: Stella-Jones Sheridan - 2025 On-Call.

 Project Number: M0022.01.052

 Project Manager: Cody Schweitzer

Report ID:

A5J1347 - 10 22 25 1211

APEX LABS COOLER RECEIPT FORM

Client: Maul Foster Alongi Element WO#: A5J1347

Project/Project #: Stella-Jones M0022.01.052

Delivery Info:

Date/time received: 10/9/25 @ 1755 By: EST

Delivered by: Apex  Client  ESS  FedEx  UPS  Radio  Morgan  SDS  Evergreen  Other

From USDA Regulated Origin? Yes  No

Cooler Inspection Date/time inspected: 10/9/25 @ 1756 By: EST

Chain 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)

1.4

Custody seals? (Y/N)

N

Received on ice? (Y/N)

Y

Temp. blanks? (Y/N)

Y

Ice type: (Gel/Real/Other)

Real

Condition (In/Out):

BN

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: 10/9/25 @ 18:07 By: BN

All 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:

KM

Witness:

BN

Cooler Inspected by:

BN

Form Y-003 R-02



**CERES Analytical Laboratory, Inc.**

4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762



October 20, 2025

Ceres ID: 20060

Apex Laboratories  
6700 S.W. Sandburg Street  
Tigard, OR 97223

The following report contains the results for the one soil sample received on October 14, 2025. This sample was analyzed for tetra through octa chlorinated dioxins and dibenzofurans by EPA method 1613. Rush turn-around time was provided for this work.

Sample results are reported on a dry weight basis.

This work was authorized under Apex Laboratories' Project # A5J1347.

**Continuing Calibration Verification (CCV) Requirements**

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

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,

James M. Hedin  
Director of Operations/CEO  
[jhedin@ceres-lab.com](mailto:jhedin@ceres-lab.com)

## Section I: Sample Inventory

<u>Ceres Sample ID:</u>	<u>Sample ID</u>	<u>Date Received</u>	<u>Collection Date &amp; Time</u>
20060-001	Framing Skids-DU-1	10/14/2025	10/9/2025 15:15

## **Section II: Data Summary**



## EPA Method 1613

<b>Quality Assurance Sample</b> <b>Method Blank</b>  Project ID: A5J1347	<b>QC Batch #:</b> 3608 <b>Matrix:</b> Soil <b>Sample Size:</b> 10.00 g	<b>Date Received:</b> NA <b>Date Extracted:</b> 10/18/2025 <b>Date Analyzed:</b> 10/19/2025
---	---	---

Analyte	Conc. (pg/g)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND< 0.220	0.183	0.500		13C-2378-TCDD	88.7	25-164	
12378-PeCDD	ND< 0.466	1.75	2.50		13C-12378-PeCDD	100	25-181	
123478-HxCDD	ND< 1.28	1.02	2.50		13C-123478-HxCDD	90.8	32-141	
123678-HxCDD	ND< 1.05	0.881	2.50		13C-123678-HxCDD	112	28-130	
123789-HxCDD	ND< 1.01	1.10	2.50		13C-1234678-HxCDD	81.1	23-140	
1234678-HpCDD	ND< 1.27	0.736	2.50		13C-OCDD	82.8	17-157	
OCDD	ND< 1.57	3.36	5.00		13C-2378-TCDF	71.0	24-169	
2,3,7,8-TCDF	ND< 0.305	0.272	0.500		13C-12378-PeCDF	104	24-185	
12378-PeCDF	ND< 0.783	0.696	2.50		13C-23478-PeCDF	104	21-178	
23478-PeCDF	ND< 0.790	0.912	2.50		13C-123478-HxCDF	87.0	26-152	
123478-HxCDF	ND< 0.804	1.35	2.50		13C-123678-HxCDF	102	26-123	
123678-HxCDF	ND< 0.751	0.769	2.50		13C-234678-HxCDF	98.0	28-136	
234678-HxCDF	ND< 0.932	0.865	2.50		13C-123789-HxCDF	78.5	29-147	
123789-HxCDF	ND< 1.37	1.12	2.50		13C-1234678-HpCDF	84.8	28-143	
1234678-HpCDF	ND< 0.584	0.794	2.50		13C-1234789-HpCDF	69.2	26-138	
1234789-HpCDF	ND< 0.866	1.22	2.50					
OCDF	ND< 0.989	3.15	5.00					
<b>Totals</b>	<b>Conc. (pg/g)</b>	<b>EMPC</b>			<b>CRS</b>			
Total TCDD	ND< 0.220				37Cl4-2378-TCDD	85.0	35-197	
Total PeCDD	ND< 0.466							
Total HxCDD	ND< 1.28				DL - Signifies Non-Detect (ND<) sample specific detection limit.			
Total HpCDD	ND< 1.27				EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.			
Total TCDF	ND< 0.305				(a) - Lower control limit - Upper control limit			
Total PeCDF	ND< 0.790				(b) - TEQ based on (2005) World Health Organization (WHO) Toxic Equivalent Factors.			
Total HxCDF	ND< 1.37							
Total HpCDF	ND< 0.866							

<b>Total Toxic Equivalency (TEQ min.) (b):</b> 0.0 pg/g
---

Analyst: JMH

Reviewed by: BS



## EPA Method 1613B

<b>Quality Assurance Sample</b> <b>Ongoing Precision and Recovery</b>  Project ID: A5J1347	<b>QC Batch #:</b> 3608 <b>Matrix:</b> Soil <b>Sample Size:</b> 10.00 g	<b>Date Received:</b> NA <b>Date Extracted:</b> 10/18/2025 <b>Date Analyzed:</b> 10/19/2025
---	---	---

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	9.21	6.7-15.8	13C-2378-TCDD	77.5	20-175
12378-PeCDD	48.3	35-71	13C-12378-PeCDD	95.8	21-227
123478-HxCDD	58.9	35-82	13C-123478-HxCDD	88.4	21-193
123678-HxCDD	50.4	38-67	13C-123678-HxCDD	109	25-163
123789-HxCDD	44.2	32-81	13C-1234678-HxCDD	86.6	26-166
1234678-HpCDD	51.5	35-70	13C-OCDD	88.0	13-198
OCDD	95.5	78-144	13C-2378-TCDF	63.8	22-152
2,3,7,8-TCDF	9.76	7.5-15.8	13C-12378-PeCDF	97.0	21-192
12378-PeCDF	46.6	40-67	13C-23478-PeCDF	98.0	13-328
23478-PeCDF	49.0	34-80	13C-123478-HxCDF	85.4	19-202
123478-HxCDF	49.9	36-67	13C-123678-HxCDF	103	21-159
123678-HxCDF	52.3	42-65	13C-234678-HxCDF	107	22-176
234678-HxCDF	47.7	35-78	13C-123789-HxCDF	88.7	17-205
123789-HxCDF	51.2	39-65	13C-1234678-HpCDF	94.3	21-158
1234678-HpCDF	55.1	41-61	13C-1234789-HpCDF	79.3	20-186
1234789-HpCDF	55.2	39-69			
OCDF	92.7	63-170			
<b>CRS</b>					
37CI4-2378-TCDD      88.3      31-191					
(a) Limits based on method acceptance criteria.					

Analyst: JMH

Reviewed by: BS



## EPA Method 1613

Client Sample ID: Framing Skids-DU-1							
Project ID: A5J1347	Ceres Sample ID: 20060-001 QC Batch #: 3608				Date Received: 10/14/2025	Date Extracted: 10/18/2025	Date Analyzed: 10/19/2025
Date Collected: 10/9/2025	Matrix: Soil	Sample Size: 10.12 g	% Solid: 99.2				
Time Collected: 15:15							

Analyte	Conc. (pg/g)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND< 0.364	0.183	0.498		13C-2378-TCDD	77.7	25-164	
12378-PeCDD	ND< 0.718	1.75	2.49		13C-12378-PeCDD	106	25-181	
123478-HxCDD	3.47	1.02	2.49		13C-123478-HxCDD	87.2	32-141	
123678-HxCDD	14.2	0.881	2.49		13C-123678-HxCDD	102	28-130	
123789-HxCDD	7.18	1.10	2.49		13C-1234678-HpCDD	63.3	23-140	
1234678-HpCDD	608	0.736	2.49		13C-OCDD	54.4	17-157	
OCDD	3180	3.36	4.98		13C-2378-TCDF	59.8	24-169	
2,3,7,8-TCDF	ND< 0.343	0.272	0.498		13C-12378-PeCDF	98.2	24-185	
12378-PeCDF	ND< 1.26	0.696	2.49		13C-23478-PeCDF	97.2	21-178	
23478-PeCDF	ND< 1.38	0.912	2.49		13C-123478-HxCDF	86.1	26-152	
123478-HxCDF	ND< 1.69	1.35	2.49		13C-123678-HxCDF	87.8	26-123	
123678-HxCDF	ND< 1.59	0.769	2.49		13C-234678-HxCDF	83.6	28-136	
234678-HxCDF	4.94	0.865	2.49		13C-123789-HxCDF	75.5	29-147	
123789-HxCDF	4.47	1.12	2.49		13C-1234678-HpCDF	59.3	28-143	
1234678-HpCDF	134	0.794	2.49		13C-1234789-HpCDF	58.1	26-138	
1234789-HpCDF	8.44	1.22	2.49					
OCDF	446	3.15	4.98					
Totals	Conc. (pg/g)	EMPC			CRS			
Total TCDD	ND< 0.364				37C14-2378-TCDD	92.6	35-197	
Total PeCDD	ND< 0.718							
Total HxCDD	97.3				DL - Signifies Non-Detect (ND<) sample specific detection limit.			
Total HpCDD	916				EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.			
Total TCDF	ND< 0.343				(a) - Lower control limit - Upper control limit			
Total PeCDF	21.9				(b) - TEQ based on (2005) World Health Organization (WHO) Toxic Equivalent Factors.			
Total HxCDF	87.0							
Total HpCDF	383							

Total Toxic Equivalency (TEQ min.) (b):	12.0 pg/g
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Analyst: JMH

Reviewed by: BS

## **Section VI: Sample Tracking**

**SUBCONTRACT ORDER**

Apex Laboratories

**A5J1347****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:**

Ceres Analytical Laboratory, Inc  
4919 Windplay Drive, Suite 1  
El Dorado Hills, CA 95762  
Phone :(916) 932-5011  
Fax: -9 

**Sample Name:** Framing Skids-DU-1 **A5J1347-01**

Soil

Sampled: 10/09/25 15:15

(A5J1347-02)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB) Containers Supplied: (B)4 oz Glass Jar 	10/22/25 17:00	10/09/26 15:15 	

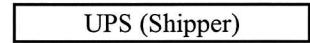
STANDARD TAT   


Released By

Date

Received By

Date



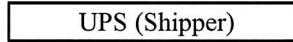
UPS (Shipper)

Released By

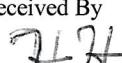
Date

Received By

Date



10/13/25



10/14/25 0945

Sample Receipt Check List    Logged by: HH (initials)

Ceres ID: <u>20060</u>	Date/Time: <u>10/14/25 09:45</u>	
Client Project ID: <u>ABJ1347</u>	Received Temp: <u>4.0</u> °C Acceptable: <u>Y</u> N	
Chain of Custody Relinquished by signed?	<u>Y</u> / N	
Chain of Custody Received by signed?	<u>Y</u> / N	
Custody Seals?	Present?	Y / N
	Intact?	Y / N
	NA:	<u>NA</u>
Unlabeled / Illegible Samples	Y / <u>N</u>	
Proper Containers:	<u>Y</u> / N	
Preservation Acceptable (Chemical or <u>Temperature</u> )?	<u>Y</u> / N	
Drinking Water, Sodium Thiosulfate present? Residual Cl?	<u>HH</u> 10/14/25 <u>Y</u> / N / NA Y / N / NA	
Aqueous sample pH: _____	<u>NA</u>	
List COC discrepancies:	<u>HH</u> 10/14/25	
List Damaged Samples:	<u>HH</u> 10/14/25	

## **Section VII: Qualifiers/Abbreviations**

**J** Concentration found below the lower quantitation limit but greater than zero.

**B** Analyte present in the associated Method Blank.

**E** Concentration found exceeds the Calibration range of the HRGC/HRMS.

**D** This analyte concentration was calculated from a dilution.

**X** The concentration found is the estimated maximum possible concentration due to chlorinated diphenyl ethers present in the sample.

**H** Recovery limits exceeded. See cover letter.

**\*** Results taken from dilution.

**I** Interference. See cover letter.

**Conc.** Concentration Found

**DL** Calculated Detection Limit

**ND** Non-Detect

**% Rec.** Percent Recovery

## Attachment C

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### SMPP Figure 1: Soil Profile Decision Tree

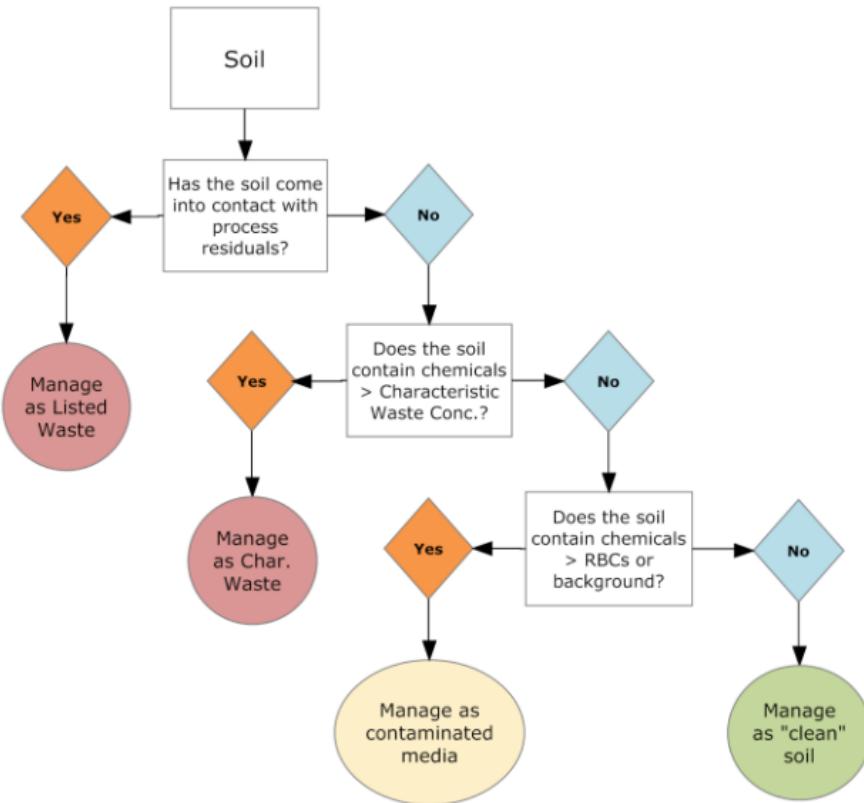


Figure 1: Soil Profile Decision Tree