



June 20, 2025

Vik Sakhalkar
BioAg, Inc.
6080 Wigrich Road
Independence, Oregon 97351

Via email: vik@bioag.com

Regarding: Additional Surface Soil and Well Water Sampling to Address Data Gaps
6080 Wigrich Road
Independence, Oregon
Apex Project 25008264, Task 0001

Dear Mr. Sakhalkar:

Apex Companies, LLC, by and through its wholly owned subsidiary PBS Engineering and Environmental LLC (Apex), has completed an assessment of surface soils and the water supply well for support of regulatory closure at 6080 Wigrich Road in Independence, Oregon (Site; Figure 1). This report presents the results and conclusions of the recent site assessment.

PROJECT BACKGROUND

The Site is currently registered in the Oregon Department of Environmental Quality (DEQ) Environmental Cleanup Site Information (ECSI) database as site number 1120. According to a Phase II Environmental Site Assessment (Phase II ESA) Report (Anderson Report) completed by Anderson Geological Inc. (AGI) in May 2023, historically the Site was the location of Airways Aircraft Refinishing, which stripped paint and refurbished aircraft on the property. Two hangar buildings were used for the paint stripping and refurbishing process.¹

Initial Investigation

Paint stripping waste was disposed of on site in an outdoor, open-burning incinerator located on the east side of the painting building. DEQ identified a hazardous waste violation in August 1990 for failure to perform a complete hazardous waste determination on all wastes generated on the property. According to the AGI report, a low-altitude oblique aerial photograph illustrated the exacted former location of the incinerator and a north-adjacent ash pile, located near a wooden utility pole near the drainage ditch on the east side of the former hangar buildings.

Two hazardous waste studies were conducted by DEQ between 1991 and 2003, in which it was discovered that soil contamination was present due to leaching of paint waste under the burn pile. In addition, wastewater generated from the paint stripping process in the aircraft hangar building drained into a catch basin and carbon filtration system before being discharged directly into the drainage ditch on the east side of the property.

¹ Anderson Geological (2023). *Phase II Environmental Site Assessment. 6080 Wigrich Road, Independence, Oregon, DEQ ECSI #1120.*

AGI conducted the Phase II ESA in May 2023 to characterize soils within the vicinity of the former incinerator and adjacent drainage ditch. Results indicated that the concentration of dioxin and furans in the shallow soil in the former incinerator area exceeded the risk-based concentration (RBC) for residential receptors by ingestion and inhalation of contaminants. Dioxin and furans were not detected in the drainage ditch soils above RBCs. In addition, a well water sample was collected from the source well on site and shown to contain no detected contaminants above RBCs.

Former Remediation Actions

Following the Phase II ESA, it was decided that all soils containing dioxins above the Residential RBCs would be removed from the former location of the incinerator and ash pile. Soil was removed in two phases in July 2023 and July 2024. AGI collected soil samples from exploratory test pits between the two removal phases to establish extent boundaries of the remediation area.² Soil was excavated to a depth of 3 feet near the utility pole, which was the former location of the incinerator. Soil was also removed from the base of the drainage ditch to a depth of approximately 12 inches. Confirmation samples were taken from the floor and sidewalls of the excavation pit. Samples collected from the east sidewall of the ditch confirmed that the adjacent property to the east was not impacted. Soil was loaded directly into a dump truck, which transported the soil off site to a disposal landfill. Approximately 2 cubic yards of soil were left in place around a utility pole in the area due to safety concerns regarding the physical integrity of the pole and attached power lines. The small volume of impacted soil left in place is considered *de minimis*.

Following remedial actions, DEQ requested BioAg, Inc. address data gaps to continue working toward a no further action determination (NFA) for the Site. The request for additional sampling was communicated in an email from DEQ to Bioag, Inc. and AGI on May 15, 2025. The request included additional sampling within the drainage ditch to the north of the known contaminant source area to confirm that there has been no mobilization of dioxin and furans in surface water run-off toward the Site boundary. In addition, DEQ requested the domestic well water be sampled again to analyze for dioxin/furans and arsenic, and indicated that a Beneficial Water Use Determination (BWUD) study may be required to determine impact to potable water sources within a 0.5-mile radius of the Site. Results of additional sampling events were to be included as an addendum to the remediation report completed by AGI (2025 Remediation Report).

SITE DESCRIPTION

The Site is currently zoned for exclusive farm use with a conditional use permit to operate an agricultural business, BioAg, Inc, on the property. BioAg, Inc. manufactures compost-based products for agricultural co-ops and farms. During manufacturing, compost, peat, and leonardite (a vitreous organic material, and oxidation product of lignite) are converted into humic and fulvic products using natural biological processes. No waste is generated during the manufacturing process. The Site is developed with four buildings. A house, used as a private residence and office, is located on the northern end of the property. Three buildings to the south of the residence support business operations.

FIELD ACTIVITIES

On May 27, 2025, Apex conducted surface soil sampling in the north drainage ditch area on site and collected a well water sample to address the data gaps pertaining to potential transport of contaminants in surface water. The surface soil sample area was defined by DEQ in the email to BioAg, Inc. and is shown in Figure 2 of this letter

² Anderson Geological (2024). *Removal of Dioxin-Impacted Soil. 6080 Wigrich Road, Independence, Oregon, AGI Project #1768.00.*

report. The sample area was measured by Apex while on site to be an approximately 25-yard-long section of the ditch. The area of sampling was completed in a portion of the ditch that becomes shallow towards the north and is located approximately 200 feet north-northeast of the prior area of remedial excavation.

A four-point composite soil sample was collected from the upper 6 inches of soil within the drainage ditch. Sub-samples were evenly distributed within the linear extent of the drainage ditch, and an equal volume of soil from each point-location was collected and homogenized in a stainless steel bowl to create the composite sample.

The composite soil sample was submitted for the following analysis:

- Dioxin and Furans by Environmental Protection Agency (EPA) Method 1613B.

The same day, a well water sample was collected from the supply well at the Site (location included in Figure 2). The sample was collected from a spigot which pulls water directly from the well. There is no filtration system installed between the well and the spigot. Prior to collection of the sample, the spigot was opened, and water was purged from the well to ensure the sample was representative of the underlying aquifer. The well water sample was submitted for the following analyses:

- Dioxin and Furans by EPA Method 1613B
- Total and Dissolved Arsenic by EPA Method 200.8

For analysis of dissolved arsenic, the well water sample was collected in the field using a 0.45 micrometer (μm) metals analysis filter. The soil and water samples were collected in laboratory-provided containers that were sealed, labeled, stored in a cooler, and then transported to Apex Laboratories, LLC of Tigard, Oregon, a state-accredited laboratory under chain-of-custody documentation.

Disposable sampling equipment and supplies were bagged and disposed of as solid waste. Photos of the drainage ditch and supply well are included in Appendix A.

FINDINGS

Dioxin and furan concentrations can be expressed by calculating the Toxic Equivalent (TEQ), which is a single figure resulting from the sum of individual compound's toxicity equivalency factors values (TEF). The TEF value is used to express the toxicity of dioxins and furans in terms of the most toxic form of dioxin, 2,3,7,8-TCDD. The TEF/TEQ concept was developed to facilitate risk assessment by the World Health Organization, initially established in 2005 and reevaluated in 2022. The TEQ is calculated by multiplying the actual grams weight of each dioxin compound by its corresponding TEF value and then summing the results.

Results were screened against the most conservative RBC for residential receptors including soil ingestion, dermal contact, and inhalation. Laboratory analytical reports are attached.

Soil Results

Several individual dioxin and furan compounds were detected in the composite soil sample above laboratory reporting limits; however, the TEQ value was calculated at 2.95 picograms per gram (pg/g), which does not exceed the Residential RBC of 4.7 pg/g.

Well Water Results

Total and dissolved arsenic were not detected in the well water sample above laboratory reporting limits.

Dioxin and furans were not detected in the well water sample above laboratory reporting limits.

CONCLUSIONS

Apex completed an additional assessment of surface soils within the northern drainage ditch, and well water at the Site, following the previous Phase II ESA and remedial action soil removal conducted by AGI. In an email to BioAg, Inc. in May 2025, DEQ outlined data gaps which needed to be addressed to determine potential migration of contaminants from the area of contamination (AOC). These potential contamination pathways include:

- Surface runoff from the AOC into the drainage ditch, which follows topography off site at the northeastern boundary of the Site, connecting with the drainage ditch running parallel to Wigrich Road.
- The potential vertical infiltration of surface water from the AOC to a groundwater aquifer, which supplies the potable well water at the Site.

A composite sample of surface soil within the drainage ditch and a well water sample were collected by Apex on May 27, 2025, to determine if concentrations of contaminants on Site exceeded RBC screening levels and are deemed to pose an unacceptable risk for residential and occupational receptors.

The dioxin and furans concentration for the composite soil sample, as expressed as the TEQ value of 2.95 pg/g, did not exceed the RBC of 4.7 pg/g. This indicates that contaminant concentrations do not pose an unacceptable risk in the drainage ditch north of the AOC.

Dioxin and furans and arsenic were not detected above laboratory reporting limits in the well water sample, indicating that these compounds are unlikely to have migrated to the underlying aquifer. Apex reviewed the records of the water supply well identified as POLK 54110 on the Oregon Water Resources Department website. According to the well log, the well was completed at a depth of 40 feet bgs, and the static water level measured during well construction was 20.5 feet bgs (Anderson Report). As there is no evidence of a completed contaminant pathway for leaching to groundwater and source area remediation has been completed, it is Apex's opinion that potential risk to offsite receptors for drinking water is not present and completion of a BWUD study within a 0.5-mile radius of the Site is no longer warranted.

RECOMMENDATIONS

Remedial actions, as detailed in the 2024 Remediation Report, have successfully mitigated contamination at the Site to reduce concentrations below unacceptable risk levels and have provided additional information necessary to address data gaps raised by DEQ. Based on these results, Apex has concluded there is no unacceptable risk remaining at the Site related to historical releases, and conditions are suitable to request a no further action designation.

LIMITATIONS

Apex has prepared this report for use by BioAg, Inc. This report is for the exclusive use of the client and is not to be relied upon by other parties. It is not to be photographed, photocopied, or similarly reproduced in total or in part without the express written consent of the client and Apex.

This study was limited to the tests, locations, and depths as indicated to determine the absence or presence of certain contaminants. The Site as a whole may have other contamination that was not characterized by this study. The findings and conclusions of this report are not scientific certainties but probabilities based on professional

judgment concerning the significance of the data gathered during the course of this investigation. Apex is not able to represent that the Site or adjoining land contain no hazardous waste, oil, or other latent conditions beyond that detected or observed by Apex.

Apex Companies, LLC

Please feel free to contact Riley Paul at 503.417.7598 or riley.paul@apexcos.com with any questions or comments.

Sincerely,

Riley Paul,
Project Geologist, RG

Dennis Terzian,
Principal Geologist, RG

Attachment(s): Figure 1. Site Vicinity
Figure 2. Site Plan
Appendix A. Photo Documentation
Appendix B. Laboratory Reports

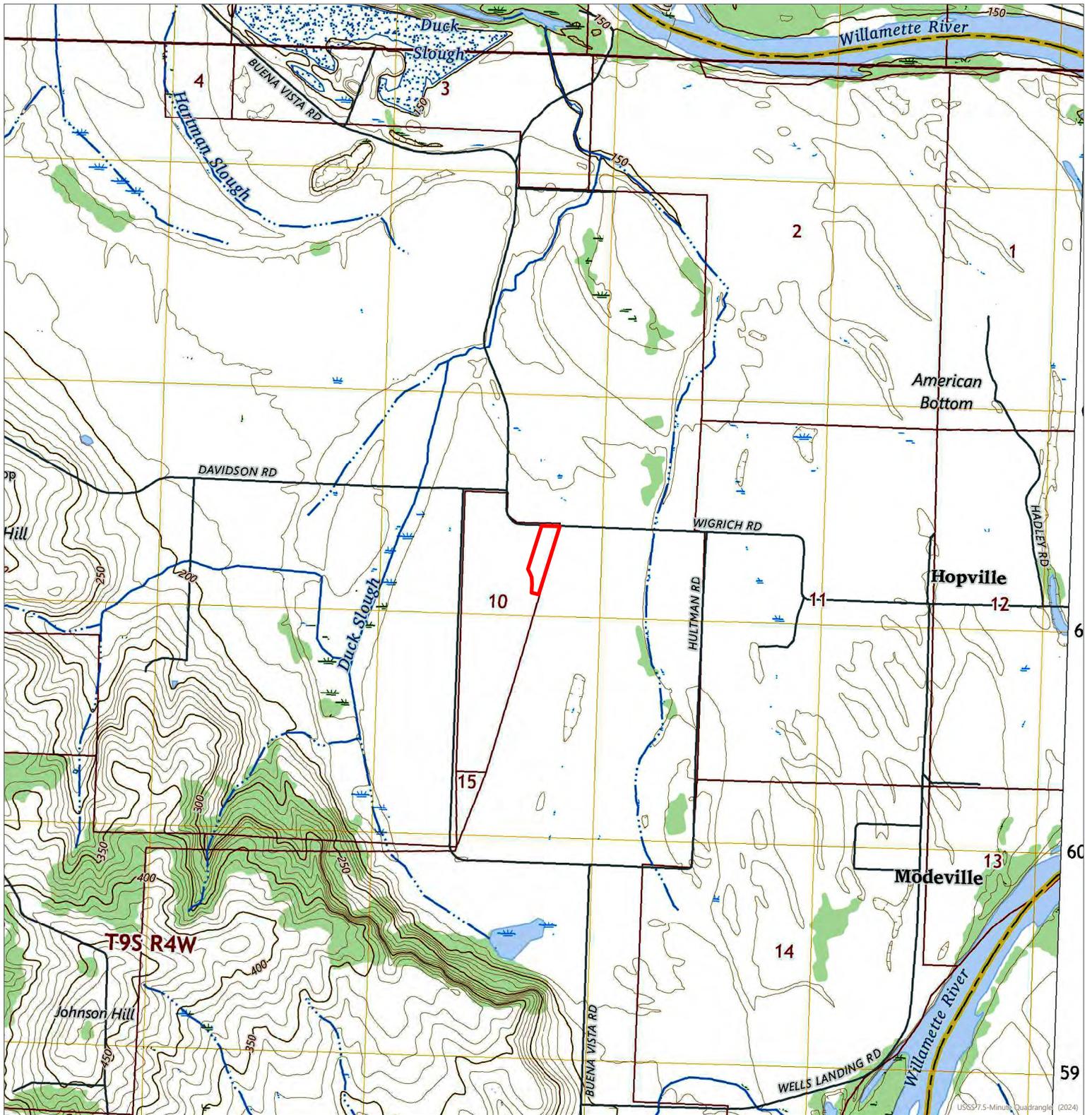


RP:DT:TL

Figures

Figure 1. Site Vicinity

Figure 2. Site Plan



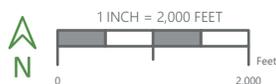
Site Vicinity

6080 Wigrich Road, Independence, Oregon

Date: June 2025 | Project: 25008264

Figure: 1

 Subject Boundary



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.



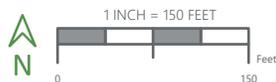
Site Plan

6080 Wigrich Road, Independence, Oregon

Date: June 2025 | Project: 25008264

Figure: 2

-  Water Supply Well
-  Composite Surface Soil
-  Sample Subject Boundary
-  Location of Remedial Action/Former Incinerator



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Appendix A

Photo Documentation



Photo 1. Drainage ditch along the eastern boundary of the Site, running northeast toward Wigrich Road (Figure 2). Photo taken May 27, 2025.



Photo 2. Drainage ditch along the eastern boundary of the Site, looking south. The four-point composite sample was collected along a 25-yard linear area. Photo taken May 27, 2025.

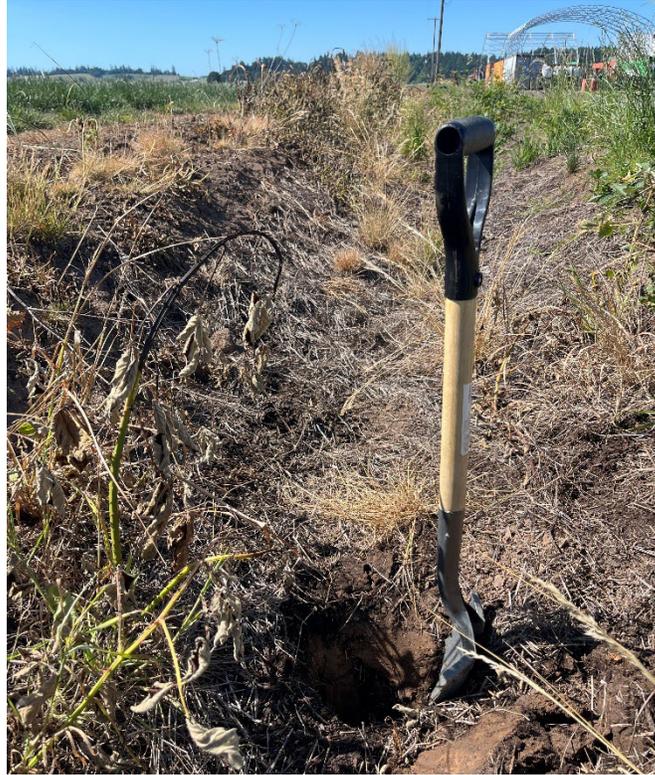


Photo 3. Subsample location at drainage ditch, looking south. The sample depth profile was between 0 and 0.5 feet below ground surface. Photo taken May 27, 2025.



Photo 4. Pump house with a well pump located at the Site (Figure 2). Location of the well water sample. Photo taken May 27, 2025.



Photo 5. Well located at the Site (Figure 2). Well water was purged from the spigot in the photo, prior to sampling from the same source. Photo taken May 27, 2025.

Appendix B

Laboratory Reports



ANALYTICAL REPORT

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

Wednesday, June 11, 2025

Riley Paul
PBS Engineering and Environmental
4412 S Corbett Ave
Portland, OR 97239

RE: A5E1735 - BioAg - 25008264

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 A5E1735, which was received by the laboratory on 5/27/2025 at 12:51:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: jwoodcock@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 5.4 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.



Apex Laboratories

Handwritten signature of Jason Woodcock

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Jason Woodcock, Project Manager



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<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: <u>BioAg</u> Project Number: 25008264 Project Manager: Riley Paul	Report ID: A5E1735 - 06 11 25 1307
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp-1	A5E1735-01	Soil	05/27/25 10:00	05/27/25 12:51
Well-1-052725	A5E1735-02	Water	05/27/25 10:20	05/27/25 12:51

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Jason Woodcock, Project Manager



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4412 S Corbett Ave	Project Number: 25008264	A5E1735 - 06 11 25 1307
Portland, OR 97239	Project Manager: Riley Paul	

ANALYTICAL CASE NARRATIVE

Work Order: A5E1735	Apex Laboratories
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Subcontract

This report is complete only if it includes the attached subcontract laboratory report from Ceres Analytical Laboratory.

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Well-1-052725 (A5E1735-02)				Matrix: Water				
<u>Batch: 25F0140</u>								
Arsenic	ND	---	1.00	ug/L	1	06/05/25 15:25	EPA 200.8	

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ANALYTICAL SAMPLE RESULTS

Dissolved Metals by EPA 200.8 (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Well-1-052725 (A5E1735-02)				Matrix: Water				
<u>Batch: 25F0286</u>								
Arsenic	ND	---	1.00	ug/L	1	06/09/25 22:50	EPA 200.8 (Diss)	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25F0140 - EPA 3015A						Water						
Blank (25F0140-BLK1)		Prepared: 06/04/25 15:17 Analyzed: 06/05/25 14:57										
<u>EPA 200.8</u>												
Arsenic	ND	---	1.00	ug/L	1	---	---	---	---	---	---	---
LCS (25F0140-BS1)		Prepared: 06/04/25 15:17 Analyzed: 06/05/25 15:03										
<u>EPA 200.8</u>												
Arsenic	55.6	---	1.00	ug/L	1	55.6	---	100	85 - 115%	---	---	---
Duplicate (25F0140-DUP1)		Prepared: 06/04/25 15:17 Analyzed: 06/05/25 15:41										
<u>QC Source Sample: Well-1-052725 (A5E1735-02)</u>												
<u>EPA 200.8</u>												
Arsenic	ND	---	1.00	ug/L	1	---	0.646	---	---	***	20%	---
Matrix Spike (25F0140-MS1)		Prepared: 06/04/25 15:17 Analyzed: 06/05/25 15:47										
<u>QC Source Sample: Well-1-052725 (A5E1735-02)</u>												
<u>EPA 200.8</u>												
Arsenic	57.3	---	1.00	ug/L	1	55.6	0.646	102	70 - 130%	---	---	---

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PBS Engineering and Environmental 4412 S Corbett Ave Portland, OR 97239	Project: BioAg Project Number: 25008264 Project Manager: Riley Paul	Report ID: A5E1735 - 06 11 25 1307
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QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Metals by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25F0286 - Matrix Matched Direct Inject						Water						
Blank (25F0286-BLK1)		Prepared: 06/09/25 16:36 Analyzed: 06/09/25 22:39										
<u>EPA 200.8 (Diss)</u>												
Arsenic	ND	---	1.00	ug/L	1	---	---	---	---	---	---	---
LCS (25F0286-BS1)		Prepared: 06/09/25 16:36 Analyzed: 06/09/25 22:45										
<u>EPA 200.8 (Diss)</u>												
Arsenic	52.7	---	1.00	ug/L	1	55.6	---	95	85 - 115%	---	---	---
Duplicate (25F0286-DUP1)		Prepared: 06/09/25 16:36 Analyzed: 06/09/25 22:56										
<u>QC Source Sample: Well-1-052725 (A5E1735-02)</u>												
<u>EPA 200.8 (Diss)</u>												
Arsenic	ND	---	1.00	ug/L	1	---	0.649	---	---	***	20%	---
Matrix Spike (25F0286-MS1)		Prepared: 06/09/25 16:36 Analyzed: 06/09/25 23:01										
<u>QC Source Sample: Well-1-052725 (A5E1735-02)</u>												
<u>EPA 200.8 (Diss)</u>												
Arsenic	53.4	---	1.00	ug/L	1	55.6	0.649	95	70 - 130%	---	---	---

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SAMPLE PREPARATION INFORMATION

Total Metals by EPA 200.8 (ICPMS)

<u>Prep: EPA 3015A</u>					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25F0140</u>							
A5E1735-02	Water	EPA 200.8	05/27/25 10:20	06/04/25 15:17	45mL/50mL	45mL/50mL	1.00

Dissolved Metals by EPA 200.8 (ICPMS)

<u>Prep: Matrix Matched Direct Inject</u>					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25F0286</u>							
A5E1735-02	Water	EPA 200.8 (Diss)	05/27/25 10:20	06/09/25 16:36	45mL/50mL	45mL/50mL	1.00

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QUALIFIER DEFINITIONS

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

There are No Qualifiers on Sample or QC Data for this report

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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)

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'.

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) are not 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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Jason Woodcock, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

<u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239	Project: BioAg Project Number: 25008264 Project Manager: Riley Paul	Report ID: A5E1735 - 06 11 25 1307
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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.

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.

Benzofluoranthene Isomer Reporting:

Due to coelutions present on the analytical column, the results reported for Benzo(b+j)fluoranthene(s) represent the concentration of both the Benzo(b)fluoranthene and Benzo(j)fluoranthene isomers. Calibration, validation and accreditation are based on the Benzo(b)fluoranthene isomer.

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.

Jason Woodcock, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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503-718-2323
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<p><u>PBS Engineering and Environmental</u> 4412 S Corbett Ave Portland, OR 97239</p>	<p>Project: BioAg Project Number: 25008264 Project Manager: Riley Paul</p>	<p style="text-align: right;">Report ID: A5E1735 - 06 11 25 1307</p>
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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

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Jason Woodcock, Project Manager



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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
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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

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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ORELAP ID: OR100062

PBS Engineering and Environmental	Project: BioAg	
4412 S Corbett Ave	Project Number: 25008264	Report ID:
Portland, OR 97239	Project Manager: Riley Paul	A5E1735 - 06 11 25 1307

APEX LABS
6700 SW Sandburg St, Tigard, OR 97223 Ph: 503-718-2323

Company: **PBS/APEX** Project Mgr: **Riley Paul** Project Name: **BioAg**

Address: **4412 Corbett Ave** Phone: **503-248-1939** Email: **riley.paul@apex-labs.com**

Sampled by: **Riley Paul** Project #: **25008264**

Site Location: _____

State: **OR** County: **Folk**

SAMPLE ID: **Camp-1**

Well-1-052725

CHAIN OF CUSTODY

Lab # **A5E1735** COC # of **1**

ANALYSIS REQUEST

DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-GX	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	AL, Sb, As, Ba, Bi, Br, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mn, Mo, Ni, K, Se, Ag, Na, TL, V, Zn, TCPLP DISS, TCPLP	TCPLP Metals (8)	Dioxins/Furans	Hold Sample	Frozen Archive
5-27-25	1000	D	2																	
5-27-25	1020	W	4																	

SPECIAL INSTRUCTIONS:
Well-1-052725 Sample filtered in field for As & dissolved (See sticker on poly).

RELINQUISHED BY:
Signature: *Riley Paul* Date: 5/27/25
Printed Name: Riley Paul Time: 12:51
Company: PBS/APEX

RECEIVED BY:
Signature: *Patricia Abadi* Date: 5/27/25
Printed Name: Patricia Abadi Time: 12:51
Company: PBS (lab)

Form Y-002 R-00

Apex Laboratories

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Jason Woodcock, Project Manager



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APEX LABS COOLER RECEIPT FORM

Client: PBS / APEX Element WO#: A5E1735

Project/Project #: BioAg # 25008264

Delivery Info:

Date/time received: 5/27/25 @ 1251 By: JA

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 5/27/25 @ 1251 By: JA

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)	<u>5.4</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: 5/27/25 @ 1440 By: AW

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: AR3172

Comments: _____

Labeled by: AW

Witness: W

Cooler Inspected by: JA

Form Y-003 R-02

Apex Laboratories

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Jason Woodcock, Project Manager



CERES Analytical Laboratory, Inc.

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



June 10, 2025

Ceres ID: 19514

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

The following report contains the results for the one soil sample and one aqueous sample received on May 29, 2025. These samples were analyzed for tetra through octa chlorinated dioxins and dibenzofurans by EPA method 1613B. Routine turn-around time was provided for this work.

Results for the soil sample are reported on a dry weight basis.

This work was authorized under Apex Laboratories' Project # A5E1735.

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

Section I: Sample Inventory

<u>Ceres Sample ID:</u>	<u>Sample ID</u>	<u>Date Received</u>	<u>Collection Date & Time</u>
19570-001	Comp-1	5/29/2025	5/27/2025 10:00
19570-002	Well-1-052725	5/29/2025	5/27/2025 10:20

Section II: Data Summary



EPA Method 1613

Quality Assurance Sample Method Blank	QC Batch #: 3507 Matrix: Soil Sample Size: 10.00 g	Date Received: NA Date Extracted: 6/6/2025 Date Analyzed: 6/9/2025
Project ID: A5E1735		

Analyte	Conc. (pg/g)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND< 0.186	0.183	0.500		13C-2378-TCDD	65.5	25-164	
12378-PeCDD	ND< 0.408	1.75	2.50		13C-12378-PeCDD	61	25-181	
123478-HxCDD	ND< 0.398	1.02	2.50		13C-123478-HxCDD	61.9	32-141	
123678-HxCDD	ND< 0.319	0.881	2.50		13C-123678-HxCDD	71	28-130	
123789-HxCDD	ND< 0.308	1.10	2.50		13C-1234678-HpCDD	58.0	23-140	
1234678-HpCDD	ND< 0.359	0.736	2.50		13C-OCDD	59.2	17-157	
OCDD	ND< 0.547	3.36	5.00		13C-2378-TCDF	54.5	24-169	
2,3,7,8-TCDF	ND< 0.290	0.272	0.500		13C-12378-PeCDF	63.0	24-185	
12378-PeCDF	ND< 0.285	0.696	2.50		13C-23478-PeCDF	61.1	21-178	
23478-PeCDF	ND< 0.256	0.912	2.50		13C-123478-HxCDF	63.6	26-152	
123478-HxCDF	ND< 0.266	1.35	2.50		13C-123678-HxCDF	79.7	26-123	
123678-HxCDF	ND< 0.214	0.769	2.50		13C-234678-HxCDF	63.8	28-136	
234678-HxCDF	ND< 0.287	0.865	2.50		13C-123789-HxCDF	51.3	29-147	
123789-HxCDF	ND< 0.502	1.12	2.50		13C-1234678-HpCDF	64.1	28-143	
1234678-HpCDF	ND< 0.534	0.794	2.50		13C-1234789-HpCDF	50.2	26-138	
1234789-HpCDF	ND< 0.880	1.22	2.50					
OCDF	ND< 0.669	3.15	5.00					
Totals	Conc. (pg/g)	EMPC			CRS			
Total TCDD	ND< 0.186				37CI4-2378-TCDD	65.3	35-197	
Total PeCDD	ND< 0.408							
Total HxCDD	ND< 0.398							
Total HpCDD	ND< 0.359							
Total TCDF	ND< 0.290							
Total PeCDF	ND< 0.285							
Total HxCDF	ND< 0.502							
Total HpCDF	ND< 0.880							
DL - Signifies Non-Detect (ND<) sample specific detection limit. EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure. (a) - Lower control limit - Upper control limit (b) - TEQ based on (2005) World Health Organization (WHO) Toxic Equivalent Factors.								

Total Toxic Equivalency (TEQ min.) (b):	0.0 pg/g
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Analyst: JMH

Reviewed by: BS



EPA Method 1613B

Quality Assurance Sample Ongoing Precision and Recovery	QC Batch #: 3507 Matrix: Soil Sample Size: 10.00 g	Date Received: NA Date Extracted: 6/6/2025 Date Analyzed: 6/9/2025
Project ID: A5E1735		

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	8.87	6.7-15.8	13C-2378-TCDD	62.8	20-175
12378-PeCDD	53.6	35-71	13C-12378-PeCDD	58.2	21-227
123478-HxCDD	57.2	35-82	13C-123478-HxCDD	61.5	21-193
123678-HxCDD	55.0	38-67	13C-123678-HxCDD	65.6	25-163
123789-HxCDD	58.0	32-81	13C-1234678-HpCDD	50.9	26-166
1234678-HpCDD	54.7	35-70	13C-OCDD	59.0	13-198
OCDD	107	78-144	13C-2378-TCDF	57.7	22-152
2,3,7,8-TCDF	9.36	7.5-15.8	13C-12378-PeCDF	64.9	21-192
12378-PeCDF	49.4	40-67	13C-23478-PeCDF	62.9	13-328
23478-PeCDF	49.3	34-80	13C-123478-HxCDF	63.0	19-202
123478-HxCDF	47.0	36-67	13C-123678-HxCDF	75.7	21-159
123678-HxCDF	55.8	42-65	13C-234678-HxCDF	63.4	22-176
234678-HxCDF	53.6	35-78	13C-123789-HxCDF	53.0	17-205
123789-HxCDF	55.0	39-65	13C-1234678-HpCDF	62.8	21-158
1234678-HpCDF	53.8	41-61	13C-1234789-HpCDF	47.4	20-186
1234789-HpCDF	52.7	39-69			
OCDF	92.1	63-170			
			CRS		
			37Cl4-2378-TCDD	73.5	31-191
(a) Limits based on method acceptance criteria.					

Analyst: JMH

Reviewed by: BS



EPA Method 1613

Client Sample ID: Comp-1		
Project ID: A5E1735	Ceres Sample ID: 19570-001	Date Received: 5/29/2025
Date Collected: 5/27/2025	QC Batch #: 3507	Date Extracted: 6/6/2025
Time Collected: 10:00	Matrix: Soil	Date Analyzed: 6/9/2025
	Sample Size: 12.40 g	% Solid: 81.6

Analyte	Conc. (pg/g)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND< 0.0984	0.183	0.494		13C-2378-TCDD	61.8	25-164	
12378-PeCDD	ND< 0.185	1.75	2.47		13C-12378-PeCDD	71.4	25-181	
123478-HxCDD	2.92	1.02	2.47		13C-123478-HxCDD	61.0	32-141	
123678-HxCDD	4.83	0.881	2.47		13C-123678-HxCDD	74.0	28-130	
123789-HxCDD	3.95	1.10	2.47		13C-1234678-HpCDD	50.6	23-140	
1234678-HpCDD	99.1	0.736	2.47		13C-OCDD	50.0	17-157	
OCDD	785	3.36	4.94		13C-2378-TCDF	52.2	24-169	
2,3,7,8-TCDF	ND< 0.214	0.272	0.494		13C-12378-PeCDF	69.4	24-185	
12378-PeCDF	1.21	0.696	2.47	J	13C-23478-PeCDF	66.7	21-178	
23478-PeCDF	1.09	0.912	2.47	J	13C-123478-HxCDF	63.1	26-152	
123478-HxCDF	ND< 0.303	1.35	2.47		13C-123678-HxCDF	79.8	26-123	
123678-HxCDF	ND< 0.256	0.769	2.47		13C-234678-HxCDF	67.8	28-136	
234678-HxCDF	ND< 0.328	0.865	2.47		13C-123789-HxCDF	56.6	29-147	
123789-HxCDF	ND< 0.494	1.12	2.47		13C-1234678-HpCDF	56.5	28-143	
1234678-HpCDF	19.0	0.794	2.47		13C-1234789-HpCDF	48.8	26-138	
1234789-HpCDF	ND< 0.257	1.22	2.47					
OCDF	8.00	3.15	4.94					
Totals	Conc. (pg/g)	EMPC			CRS			
Total TCDD	ND< 0.189				37CI4-2378-TCDD	80.9	35-197	
Total PeCDD	ND< 0.173							
Total HxCDD	ND< 0.336							DL - Signifies Non-Detect (ND<) sample specific detection limit.
Total HpCDD	38.4							EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.
Total TCDF	ND< 0.279							(a) - Lower control limit - Upper control limit
Total PeCDF	ND< 0.247							(b) - TEQ based on (2005) World Health Organization (WHO) Toxic Equivalent Factors.
Total HxCDF	ND< 0.499							
Total HpCDF	9.61							

Total Toxic Equivalency (TEQ min.) (b): 2.95 pg/g

Analyst: JMH

Reviewed by: BS



EPA Method 1613

Quality Assurance Sample Method Blank	QC Batch #: 3508 Matrix: Aqueous Sample Size: 1.000 L	Date Received: NA Date Extracted: 6/5/2025 Date Analyzed: 6/6/2025
Project ID: A5E1735		

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND< 1.05	2.96	5.00		13C-2378-TCDD	64.1	25-164	
12378-PeCDD	ND< 2.79	8.39	25.0		13C-12378-PeCDD	58.6	25-181	
123478-HxCDD	ND< 5.34	16.6	25.0		13C-123478-HxCDD	51.6	32-141	
123678-HxCDD	ND< 4.13	9.38	25.0		13C-123678-HxCDD	73.4	28-130	
123789-HxCDD	ND< 3.98	9.18	25.0		13C-1234678-HpCDD	51.9	23-140	
1234678-HpCDD	ND< 5.78	7.31	25.0		13C-OCDD	48.4	17-157	
OCDD	ND< 4.85	22.2	50.0		13C-2378-TCDF	56.8	24-169	
2,3,7,8-TCDF	ND< 2.14	1.44	5.00		13C-12378-PeCDF	69.4	24-185	
12378-PeCDF	ND< 2.95	6.86	25.0		13C-23478-PeCDF	62.4	21-178	
23478-PeCDF	ND< 2.83	5.95	25.0		13C-123478-HxCDF	65.1	26-152	
123478-HxCDF	ND< 2.92	8.38	25.0		13C-123678-HxCDF	77.7	26-123	
123678-HxCDF	ND< 2.30	8.04	25.0		13C-234678-HxCDF	65.1	28-136	
234678-HxCDF	ND< 3.01	6.88	25.0		13C-123789-HxCDF	53.5	29-147	
123789-HxCDF	ND< 5.14	7.81	25.0		13C-1234678-HpCDF	57.6	28-143	
1234678-HpCDF	ND< 4.06	7.73	25.0		13C-1234789-HpCDF	45.9	26-138	
1234789-HpCDF	ND< 6.13	7.07	25.0					
OCDF	ND< 7.09	9.32	50.0					
Totals	Conc. (pg/L)	EMPC			CRS			
Total TCDD	ND< 1.05				37CI4-2378-TCDD	71.8	35-197	
Total PeCDD	ND< 2.79							
Total HxCDD	ND< 5.34							
Total HpCDD	ND< 5.78							
Total TCDF	ND< 2.14							
Total PeCDF	ND< 2.95							
Total HxCDF	ND< 5.14							
Total HpCDF	ND< 6.13							
					EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.			
					(a) - Lower control limit - Upper control limit			
					(b) - TEQ based on (2005) World Health Organization (WHO) Toxic Equivalent Factors.			

Total Toxic Equivalency (TEQ min.) (b):	0.0 pg/L
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Analyst: JMH

Reviewed by: BS



EPA Method 1613

Quality Assurance Sample Ongoing Precision and Recovery Project ID: A5E1735	QC Batch #: 3508 Matrix: Aqueous Sample Size: 1.000 L	Date Received: NA Date Extracted: 6/5/2025 Date Analyzed: 6/6/2025

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	8.75	6.7-15.8	13C-2378-TCDD	67.7	20-175
12378-PeCDD	55.4	35-71	13C-12378-PeCDD	60.3	21-227
123478-HxCDD	52.2	35-82	13C-123478-HxCDD	63.5	21-193
123678-HxCDD	53.7	38-67	13C-123678-HxCDD	65.3	25-163
123789-HxCDD	55.7	32-81	13C-1234678-HpCDD	47.0	26-166
1234678-HpCDD	48.7	35-70	13C-OCDD	36.7	13-198
OCDD	109	78-144	13C-2378-TCDF	51.2	22-152
2,3,7,8-TCDF	9.27	7.5-15.8	13C-12378-PeCDF	67.3	21-192
12378-PeCDF	49.3	40-67	13C-23478-PeCDF	62.0	13-328
23478-PeCDF	52.6	34-80	13C-123478-HxCDF	67.4	19-202
123478-HxCDF	47.3	36-67	13C-123678-HxCDF	79.0	21-159
123678-HxCDF	57.9	42-65	13C-234678-HxCDF	62.7	22-176
234678-HxCDF	56.1	35-78	13C-123789-HxCDF	55.8	17-205
123789-HxCDF	51.4	39-65	13C-1234678-HpCDF	51.2	21-158
1234678-HpCDF	56.8	41-61	13C-1234789-HpCDF	46.3	20-186
1234789-HpCDF	50.0	39-69			
OCDF	104	63-170			
			CRS		
			37Cl4-2378-TCDD	75.4	31-191
(a) Limits based on method acceptance criteria.					

Analyst: JMH



EPA Method 1613

Client Sample ID: Well-1-052725		
Project ID: A5E1735	Ceres Sample ID: 19570-002	Date Received: 5/29/2025
Date Collected: 5/27/2025	QC Batch #: 3508	Date Extracted: 6/5/2025
Time Collected: 10:20	Matrix: Aqueous	Date Analyzed: 6/6/2025
	Sample Size: 1.033 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND< 1.41	2.96	4.84		13C-2378-TCDD	67.2	25-164	
12378-PeCDD	ND< 2.39	8.39	24.2		13C-12378-PeCDD	62.0	25-181	
123478-HxCDD	ND< 2.73	16.6	24.2		13C-123478-HxCDD	66.1	32-141	
123678-HxCDD	ND< 2.14	9.38	24.2		13C-123678-HxCDD	67.5	28-130	
123789-HxCDD	ND< 2.07	9.18	24.2		13C-1234678-HpCDD	49.3	23-140	
1234678-HpCDD	ND< 3.77	7.31	24.2		13C-OCDD	44.3	17-157	
OCDD	ND< 6.33	22.2	48.4		13C-2378-TCDF	58.2	24-169	
2,3,7,8-TCDF	ND< 1.31	1.44	4.84		13C-12378-PeCDF	67.3	24-185	
12378-PeCDF	ND< 1.73	6.86	24.2		13C-23478-PeCDF	63.2	21-178	
23478-PeCDF	ND< 1.40	5.95	24.2		13C-123478-HxCDF	64.5	26-152	
123478-HxCDF	ND< 2.89	8.38	24.2		13C-123678-HxCDF	76.3	26-123	
123678-HxCDF	ND< 2.20	8.04	24.2		13C-234678-HxCDF	63.9	28-136	
234678-HxCDF	ND< 2.82	6.88	24.2		13C-123789-HxCDF	54.2	29-147	
123789-HxCDF	ND< 4.60	7.81	24.2		13C-1234678-HpCDF	56.2	28-143	
1234678-HpCDF	ND< 2.20	7.73	24.2		13C-1234789-HpCDF	47.1	26-138	
1234789-HpCDF	ND< 3.23	7.07	24.2					
OCDF	ND< 6.86	9.32	48.4					
Totals	Conc. (pg/L)	EMPC			CRS			
Total TCDD	ND< 1.41				37Cl4-2378-TCDD	85.1	35-197	
Total PeCDD	ND< 2.39							
Total HxCDD	ND< 2.73							
Total HpCDD	ND< 3.77							
Total TCDF	ND< 1.31							
Total PeCDF	ND< 1.73							
Total HxCDF	ND< 4.60							
Total HpCDF	ND< 3.23							
EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure. (a) - Lower control limit - Upper control limit (b) - TEQ based on (2005) World Health Organization (WHO) Toxic Equivalent Factors.								

Total Toxic Equivalency (TEQ min.) (b):	0.0 pg/L
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Analyst: JMH

Reviewed by: BS

Section VI: Sample Tracking

SUBCONTRACT ORDER

Apex Laboratories
A5E1735

[Handwritten Signature]
5/22/25

SENDING LABORATORY:

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

RECEIVING LABORATORY:

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

ken

Sample Name: Comp-1 **Soil** **Sampled: 05/27/25 10:00** (A5E1735-01)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	06/09/25 17:00	05/27/26 10:00	
<i>Containers Supplied:</i>			
(A) 4 oz Glass Jar			
(B) 4 oz Glass Jar			

Sample Name: Well-1-052725 **Water** **Sampled: 05/27/25 10:20** (A5E1735-02)

Analysis	Due	Expires	Comments
1613B Dioxins and Furans (SUB)	06/09/25 17:00	05/27/26 10:20	
<i>Containers Supplied:</i>			
(C) 1 L Amber Glass - Non Preserved			
(D) 1 L Amber Glass - Non Preserved			

Standard TAT

[Handwritten Signature] 5/28/25

UPS (Shipper)

UPS (Shipper)

Released By	Date	Received By	Date
<i>[Signature]</i>	5/28/25	<i>[Signature]</i>	5/29/25 11:15
Released By	Date	Received By	Date

Sample Receipt Check List

Logged by: HN (initials)

Ceres ID: <u>19570</u>	Date/Time: <u>5/29/25 11:15</u>
Client Project ID: <u>A5E1735</u>	Received Temp: <u>2.8</u> °C Acceptable: <input checked="" type="radio"/> Y <input type="radio"/> N
Chain of Custody Relinquished by signed?	<input checked="" type="radio"/> Y <input type="radio"/> N
Chain of Custody Received by signed?	<input checked="" type="radio"/> Y <input type="radio"/> N
Custody Seals? Present?	Y / N
Intact?	Y / N
NA:	<input checked="" type="radio"/> NA
Unlabeled / Illegible Samples	Y / <input checked="" type="radio"/> N
Proper Containers:	<input checked="" type="radio"/> Y <input type="radio"/> N
Preservation Acceptable (Chemical or <u>Temperature</u>)?	<input checked="" type="radio"/> Y <input type="radio"/> N
Drinking Water, Sodium Thiosulfate present? Residual Cl?	Y / <input checked="" type="radio"/> N NA Y / <input checked="" type="radio"/> N NA
Aqueous sample pH: <u>7</u>	NA
List COC discrepancies:	HN 5/29/25
List Damaged Samples:	HN 5/29/25

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