

Phase II Environmental Site Assessment Report

**4676 Industry Drive
Medford, Oregon 97504
Map and Taxlot 371W06 TL 2507**

Prepared by:

Alpine Environmental Consultants, LLC
Mrs. Antonela Vadan and Mr. Jonathan Williams
12210 Antioch Road
White City, Oregon 97503
541.944.4685
jwilliams@alpine-env-llc.com

Prepared for:

Airport One
Mr. Bob Hunter
566 Upper Applegate Road
Jacksonville, Oregon 97530

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ALPINE ENVIRONMENTAL CONSULTANTS, LLC

EXECUTIVE SUMMARY

Mr. Bob Hunter with Airport One retained Alpine Environmental Consultants, LLC (AEC) to conduct a Phase II Environmental Site Assessment (ESA) at the property located at 4676 Industry Drive in Medford, Oregon (the Subject Property). The Subject Property occupies one tax lot (TL) identified as Map 371W06 and TL 2507. This Phase II ESA work involved soil investigations.

AEC has completed environmental investigations on two other proximal properties since 2022. Based on this work on proximal properties, AEC's extensive work in both Oregon and Washington on properties currently or formerly used as orchards, and a review of initial documentation for the Subject Property, a potential Recognized Environmental Condition (REC) was initially identified. This potential REC is associated with the historical orchard operations involving pesticide use conducted at the Subject Property at least from the 1930s until the 1980s. Therefore, AEC recommended a Phase II ESA be conducted to determine if the soil at the Subject Property was adversely impacted by orchard pesticide use and to determine if this potential REC remains a REC or could be eliminated from further consideration.

The Phase II ESA field work was conducted on February 24, 2025. The Subsurface investigation included the excavation of eight test pits throughout the Subject Property. Five discrete soil samples were obtained from each test pit from depths of 0.0 to 0.5 feet below ground surface (bgs), 0.5 to 1.0 feet bgs, 1.0 to 1.5 feet bgs, 1.5 to 2.0 feet bgs, and 2.0 to 3.0 feet bgs. The discrete samples from all test pits from the same depth interval were homogenized into five depth discrete composite samples. These were labeled as COMP1 (subsamples from 0.0 to 0.5 feet bgs), COMP2 (subsamples from 0.5 to 1.0 feet bgs), COMP3 (subsamples from 1.0 to 1.5 feet bgs), COMP4 (subsamples from 1.5 to 2.0 feet bgs), and COMP5 (subsamples from 2.0 to 3.0 feet bgs).

The soil samples were submitted for relevant laboratory analyses to determine if the subsurface at the Subject Property has been impacted at constituent concentrations exceeding relevant generic risk-based concentrations (RBCs) developed by the Oregon Department of Environmental Quality (DEQ). The generic RBCs applicable to the Subject Property are consistent with the planned commercial land use and assume occupational receptors, construction workers, and excavation workers will be present at the Subject Property. The reported concentrations of metals in soil were also compared to the naturally occurring background concentrations developed for the Cascade Mountains region of Oregon, which includes the Subject Property. All reported concentrations were also compared to the Clean Fill Values listed in DEQ's *Clean Fill Determinations* Internal Management Directive dated February 21, 2019 (DEQ, 2019). Note that the Clean Fill Values for metals coincides with the naturally occurring background concentrations.

The Phase II ESA analytical data reported several constituents in soil samples at concentrations above the laboratory method reporting limits (MRLs). Overall, the analytical results reported in general a higher concentration of metals and pesticides constituents in the upper 0.5 feet of soil



than in the underlying layer from 0.5 to 3.0 feet bgs. These data demonstrate concentrations of pesticides constituents attenuate fairly rapidly with depth.

The analyses conducted and the reported results of the subsurface investigation are the following: total metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, mercury, molybdenum, selenium, silver, thallium, vanadium, and zinc); organochlorine pesticides; organophosphorus pesticides; and chlorinated herbicides.

The analytical results reported several metals and organochlorine pesticides at concentrations above the laboratory MRLs. The reported concentrations of arsenic, lead, 4,4'-dichlorodiphenyldichloroethene (4,4'-DDE), 4,4'-dichlorodiphenyltrichloroethane (4,4'-DDT), and dieldrin exceeded the relevant generic RBCs, as follows.

- Arsenic was reported in all five composite soil samples at concentrations above the generic RBC for the *ingestion, dermal contact, and inhalation exposure pathway* for occupational receptors. The concentration of arsenic in composite soil samples COMP1-0.0-0.5 and COMP2-0.5-1.0 also exceeded the naturally occurring background concentration in the Cascade Mountains region, which includes the eastern part of the Medford area and the Subject Property.
- Arsenic was reported in composite soil samples COMP1-0.0-0.5 and COMP2-0.5-1.0 at concentrations above the generic RBC for the *ingestion, dermal contact, and inhalation exposure pathway* for construction workers.
- Lead was reported in composite soil samples COMP1-0.0-0.5 through COMP4-1.5-2.0 at concentrations above the generic RBC for the *leaching to groundwater exposure pathway* for occupational receptors. The concentration of lead in these four samples also exceeded the naturally occurring background concentration.
- Dieldrin was reported in composite soil samples COMP1-0.0-0.5 and COMP2-0.5-1.0 at concentrations above the generic RBC for the *leaching to groundwater exposure pathway* for occupational receptors.
- In addition, the concentrations of arsenic, lead, 4,4'-DDE, 4,4'-DDT, and dieldrin exceeded DEQ's Clean Fill Values at various depths down to 3 feet bgs.

While generic RBCs for occupational receptors and construction workers were exceeded for the aforementioned constituents and exposure pathways, potential risks to human health associated with these constituents and exposure pathways can be managed, mitigated, and/or eliminated from further concern, as follows:

1. The generic occupational RBC under the *soil ingestion, dermal contact, and inhalation exposure pathway* assumes occupational receptors are likely to come into contact with contaminated soils found in the upper 3 feet of soil. The concentrations of arsenic reported in the composite soil samples collected from depths of 0.0 to 3.0 feet bgs exceeded this RBC. Arsenic also exceeded the naturally occurring background concentration in the composite soil samples collected from 0.0 to 1.0 feet bgs. Prior to property development, if the upper 1.0 feet of soil is not excavated and properly disposed of off of the Subject Property during development, AEC recommends institutional and/or



engineering controls be implemented throughout the Subject Property. Institutional and/or engineering control options to protect occupational receptors include but are not limited to the following: removal of shallow soil (at least from 0.0 to 1.0 feet bgs); paving; covering the property with a 3-foot layer of clean compacted fill material; additional investigations to delineate arsenic concentrations in shallow soil; developing an asphalt cap maintenance plan; developing a Contaminated Media Management Plan (CMMP) with or without DEQ approval; and/or applying a deed notice (e.g. to ensure the asphalt cap is maintained).

2. The generic construction workers RBC for total arsenic under the *soil ingestion, dermal contact, and inhalation exposure pathway* assumes construction workers could be exposed over 1 year to arsenic during construction activities involving the disturbance of impacted-soils. However, it is unlikely construction workers would be working at the Subject Property continuously for 1 year. Furthermore, this risk could be easily mitigated with proper communication to future construction workers requiring they wear appropriate Personal Protective Equipment (PPE) and follow proper decontamination procedures subsequent to working in order to avoid exposure and health risks. The procedures documenting proper communication, appropriate PPE, and proper decontamination could be documented in a CMMP with or with DEQ approval.
3. The generic occupational RBC for lead and dieldrin under the *leaching to groundwater exposure pathway* conservatively assumes that a water supply well is being used at the Subject Property or proximal to it, and that these constituents could be leached from the shallow soil, impact groundwater, and that occupational receptors could subsequently be exposed to these constituents in drinking water. The Subject Property is currently undeveloped vacant land with no current water use. When developed, the Subject Property will be serviced with municipal water by Medford Water. The neighboring properties are either undeveloped land with no water use or have commercial/industrial use and utilize municipal water and will likely continue to utilize municipal water in the future. A review of the WRD well records indicates the Subject Property has no water supply wells. Based on a groundwater investigation on the adjacent property to the north of the Subject Property, the groundwater flow direction in the area is to the west-southwest, towards Upton Slough. Bedrock is relatively shallow and is about 4 to 5 feet bgs. Given the current groundwater use status at the Subject Property (i.e. the absence of wells, no current water use, and the future planned municipal water use), it is highly unlikely potentially leached lead and dieldrin from the shallow soil into groundwater at the Subject Property will pose an unacceptable risk to occupational receptors at the Subject Property. To completely eliminate the potential risk that leaching of these constituents to groundwater might pose to occupational receptors at the Subject Property, a groundwater investigation could be conducted and/or a deed notice could be developed and applied that prohibits the installation of wells to supply water to occupational receptors at the Subject Property. It should also be noted the concentrations of lead and dieldrin attenuate to concentrations below their respective generic RBCs for the *leaching to groundwater exposure pathway* for occupational receptors at depths of 2.0 feet and 1.0 feet bgs, respectively. These data indicate that if the upper 2.0 feet of soil are removed during development to meet geotechnical requirements, this potential risk is eliminated.



4. The Clean Fill Values were exceeded by several constituents in the composite samples collected throughout the Subject Property at a depth ranging from 0.0 to 3.0 feet bgs. These constituents included arsenic, lead, 4,4'-DDE, 4,4'-DDT, and dieldrin. If soil from 1.0 to 3.0 feet bgs is excavated throughout the Subject Property, it can be reused on the Subject Property as unrestricted fill. However, if soil from 0.0 to 3.0 feet bgs is exported off of the Subject Property, it should be managed appropriately to ensure it does not adversely impact ecological receptors. For example, this soil could be properly disposed of at a quarry under a DEQ-approved Solid Waste Letter of Authorization (SWLA). It should be noted the soil at a depth of 0.0 to 1.0 feet bgs should be addressed as described under bullet #1 to address potential arsenic risks for occupational receptors under the *soil ingestion, dermal contact, and inhalation exposure pathway*.

Based on the available data, AEC concluded that the historical orchard practices at the Subject Property (and western and northern adjacent properties) involving pesticides have adversely impacted the surficial soil and are considered a REC. The available data reflect the adverse impacts are in the soil within the investigated interval of 0.0 to 3.0 feet bgs.

Based on these findings and accounting for the inherent uncertainties associated with any subsurface investigation, AEC recommends the following:

- Consider entering DEQ's Voluntary Cleanup Pathway (VCP) to obtain an updated NFA determination, which will concurrently ensure future occupants are not exposed to unacceptable risks associated with residual pesticides contamination and provide the property owner and associated business entities with liability protection.
- Consider investigating the groundwater and/or developing and applying a deed notice that prohibits the installation of wells to supply water to occupational receptors at the Subject Property.
- During development activities, appropriately manage potential risks associated with residual pesticides concentrations in shallow soil that are above generic RBCs (e.g. arsenic) and/or Clean Fill values in the upper 3.0 feet of soil of the Subject Property. If this soil is to be excavated during development and moved off of the Subject Property, the soil should be disposed of consistent with DEQ regulations, examples being disposal under a DEQ-approved SWLA, disposal at an approved landfill (e.g. Dry Creek Landfill).



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LIST OF ACRONYMS AND ABBREVIATIONS

AEC	Alpine Environmental Consultants, LLC
bgs	below ground surface
CMMP	Contaminated Media Management Plan
4,4'-DDE	4,4'-Dichlorodiphenyldichloroethene
4,4'-DDT	4,4'-Dichlorodiphenyltrichloroethane
DEQ	Department of Environmental Quality
ESA	Environmental Site Assessment
ISM	Incremental Sampling Methodology
ITRC	Interstate Technology & Regulatory Council
mg/kg	milligrams per kilogram
MRL	method reporting limit
NFA	no further action
PPE	personal protective equipment
ppm	parts per million
RBC	risk-based concentrations
REC	recognized environmental condition
SOP	Standard Operating Procedure
SWLA	Solid Waste Letter of Authorization
TL	tax lot
USEPA	United States Environmental Protection Agency
VCP	Voluntary Cleanup Pathway
WRD	Water Resources Department



1 INTRODUCTION

Alpine Environmental Consultants, LLC (AEC) has prepared this report to present the findings of the Phase II Environmental Site Assessment (ESA) conducted at the property addressed as 4676 Industry Drive in Medford, Oregon (the Subject Property). The Phase II ESA was conducted on behalf of Mr. Bob Hunter with Airport One. The Phase II ESA involved a soil investigation.

1.1 Subject Property Description

The Subject Property is addressed as 4676 Industry Drive in Medford, Oregon, and occupies one tax lot (TL) identified as Map 371W06 and TL 2507. The Subject property occupies approximately 8.89 acres of undeveloped grassy land. The location of the Subject Property is shown on **Figure 1** and **Figure 2**.

The topography at the Subject Property slopes gently to the north, south, and west. Upton Slough (also known as Midway Creek) is located approximately 0.25 miles to the west of the Subject Property and runs in an approximately northwest direction. Based on the general topography in the vicinity of the Subject Property, as well as on groundwater elevation data collected in September 2022 on the adjacent property to the north of the Subject Property, it is expected that groundwater at the Subject Property flows to the west-southwest towards Upton Slough. Bedrock is relatively shallow at a depth of approximately 4 to 5 feet bgs.

According to the City of Medford 2025 zoning map, the Subject Property is zoned as general industrial. The neighboring properties are zoned as light, general, and high industrial. The Subject Property and the adjacent properties are within an Airport Radar Overlay district.

1.2 Subject Property Background

AEC has completed environmental investigations on two other proximal Industry Drive properties. According to the historical information reviewed for these properties, the Subject Property was historically part of a pear orchard. Based on the subsurface investigations on proximal properties, on AEC's extensive work in both Oregon and Washington on properties currently or formerly used as orchards, and on a review of initial documentation for the Subject Property, a Recognized Environmental Condition (REC) was preliminary identified for the Subject Property, specifically the historical use of the Subject Property as an orchard. It is possible historical pesticides use at the Subject Property associated with standard orchard practices has impacted shallow soil at concentrations of environmental concern.

Previous investigations on adjacent properties have already confirmed pesticides have adversely impacted soil above potentially applicable action levels. These potentially applicable action levels include generic risk-based concentrations (RBCs) developed by the Oregon Department of Environmental Quality (DEQ) for human receptors and Clean Fill Values developed by DEQ to



guide the proper disposal of soil that may need to be removed from the Subject Property during construction to meet geotechnical requirements.

Given the identified REC, AEC recommended a Phase II ESA be conducted at the Subject Property.

1.3 Objectives

The objectives of this Phase II ESA were the following:

- To collect a technically appropriate dataset representative of current conditions to determine if residual contamination in shallow soil at the Subject Property associated with historical uses could generate unacceptable risks to human receptors (i.e. occupational receptors in future structures) at the Subject Property or if these concerns can be eliminated from further consideration.
- To collect a technically appropriate dataset representative of current conditions that can be used to segregate pesticides-impacted soil that meets DEQ's Clean Fill Values (i.e. unrestricted use) versus soil that does not meet DEQ's Clean Fill Values. Should soil that does not meet DEQ's Clean Fill Values be identified, the available dataset should be useful in obtaining a Solid Waste Letter of Authorization (SWLA) from DEQ to more cost-effectively dispose of the soil at a quarry.
- Should the dataset suggest one or more constituents in various media pose potential risks to human receptors, the data collected during the Phase II can be used to better constrain uncertainties associated with adverse environmental impacts on future development plans.
- If warranted, the data collected during the Phase II might be valuable in developing remedial actions and/or obtaining a No Further Action (NFA) letter from DEQ through the Voluntary Cleanup Pathway (VCP).

The Phase II ESA included soil investigations. The Phase II ESA investigation process is presented in **Section 2**, data evaluation is presented in **Section 3**, and conclusions and recommendations are presented in **Section 4**.



2 PHASE II ESA INVESTIGATION

The Phase II ESA included a subsurface investigation, specifically soil sampling. The subsurface investigations were conducted on February 24, 2025, and a summary of the field methods and observations is presented in **Section 2.1** and **Section 2.2**. The analytical results of the soil samples and their interpretation are included in **Section 3**. Conclusions and recommendations are presented in **Section 4**. The photographic documentation is included in **Appendix 1**. The complete laboratory results are included in **Appendix 2**. The location of the Subject Property is shown on **Figure 1** and the sampling locations are shown on **Figure 2**. The analytical results of the soil samples are summarized in **Table 1** through **Table 4**.

2.1 Pre-Excavation

AEC contacted the Utility Notification Center in order to locate and trace any potential public underground utilities prior to completing any subsurface investigation activities.

2.2 Soil Investigations

2.2.1 Test Pit Excavation and Soil Sampling

On February 24, 2025, AEC supervised the excavation of eight test pits on the Subject Property. The eight test pit locations are illustrated on **Figure 2** and the photographic documentation is included in **Appendix 1**. The test pits were excavated using a small excavator owned and operated by Three Dimensional Contracting, LLC, of Merlin, Oregon. Soil samples and lithologic characterization, were logged by Mr. Toby Shallcross (Project Geologist) and checked by Mr. Jonathan Williams (Oregon Registered Geologist) of AEC.

The sampling objective at each test pit was to collect five depth-discrete soil subsamples representing the uppermost 0.0 to 3.0 feet of native soil. No non-native fill was observed in any of the test pits. Therefore, the eight test pits were excavated to a depth of approximately 3.0 feet below ground surface (bgs). The five discrete soil subsamples were collected from the following depths at each of the eight test pits:

- 0.0 to 0.5 feet bgs;
- 0.5 to 1.0 feet bgs;
- 1.0 to 1.5 feet bgs;
- 1.5 to 2.0 feet bgs; and
- 2.0 to 3.0 feet bgs.

The soil subsamples from all test pits from the same depth interval were homogenized into five depth discrete composite soil samples. These samples were further composited by the laboratory using Incremental Sampling Methodology (ISM) techniques developed by the Interstate Technology & Regulatory Council (ITRC). These composite soil samples were labeled as



COMP1-0.0-0.5 (composed of the subsamples collected from test pits TP1 through TP8 from 0.0 to 0.5 feet bgs), COMP2-0.5-1.0 (composed of the subsamples collected from test pits TP1 through TP8 from 0.5 to 1.0 feet bgs), COMP3-1.0-1.5 (composed of the subsamples collected from test pits TP1 through TP8 from 1.0 to 1.5 feet bgs), COMP4-1.5-2.0 (composed of the subsamples collected from test pits TP1 through TP8 from 1.5 to 2.0 feet bgs), and COMP5-2.0-3.0 (composed of the subsamples collected from test pits TP1 through TP8 from 2.0 to 3.0 feet bgs).

The lithology identified in the eight test pits generally consisted of medium to dark brown clay to approximately 2.0-2.5 feet bgs, underlain by tan-yellowish silty sand indicative of weathered arkosic sandstone (Payne Cliffs Formation). No water was encountered in the test pits with the exception of Test Pit TP3 where saturated shallow soil drained into the bottom of the excavation.

The rationale for collecting five soil subsamples at each test pit location was that depth discrete analytical results should help characterize the vertical extent and attenuation with depth of potential impacts by pesticide constituents. The concept of depth discrete samples is also documented in DEQ's *Guidance for Evaluating Residual Pesticides on Lands Formerly Used for Agricultural Production* of 2006 that was updated in June 2019 (DEQ, June 2019).

After the eight test pits had been excavated, AEC personnel collected five depth discrete soil samples over the desired depth intervals from each test pit using clean gloved hands and Ziploc bags. Before and between the excavation of each test pit, the small excavator bucket was swept clean with a broom.

Soil samples representative of the native soil from five depth intervals were collected at each test pit by scraping an equal and representative volume of soil off of the test pit walls over the desired depth intervals to fill plastic labeled Ziploc bags. The soil in the plastic Ziploc bags was then thoroughly homogenized using hands with clean nitrile gloves to develop representative depth discrete soil subsamples. Larger sized material (i.e., gravel greater than approximately ¼ to ½ inch in diameter) was removed by hand. Accordingly, a total of 40 depth discrete soil subsamples were collected (i.e. five samples from each of the eight test pits). After soil sample collection was completed, the test pits were backfilled and compacted using the small excavator as described above.

Once all the soil subsamples were collected, five composite samples were created by homogenizing equal volume of soil from the subsamples collected from the same depth interval in a decontaminated stainless steel bowl. An equal volume of soil from soil subsamples were combined to create the composite soil samples COMP1-0.0-0.5 through COMP5-2.0-3.0.

2.2.2 Soil Laboratory Analyses

The composite soil samples COMP1-0.0-0.5 through COMP5-2.0-3.0 were placed in an iced cooler and submitted to Apex Laboratories, LLC (Apex) of Tigard, Oregon, under standard chain-of-custody protocol. The temperature of the cooler recorded by the laboratory upon receipt was 2.0 °C, which is within the U.S. Environmental Protection Agency's (USEPA's) recommended limit (which is specifically less than or equal to 6°C and above the freezing point). The samples were first composited at the laboratory using ISM techniques developed by the ITRC.



The analyses conducted on the composite soil samples COMP1-0.0-0.5 through COMP5-2.0-3.0 included the following:

- Total metals by USEPA Method 6020B (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, mercury, molybdenum, selenium, silver, thallium, vanadium, and zinc).
- Organochlorine pesticides by USEPA Method 8081B;
- Organophosphorus pesticides by USEPA Method 8270E; and
- Chlorinated herbicides by USEPA Method 8321B (note that Apex subcontracted this analysis to Eurofins Denver of Arvada, Colorado).

This list of constituents is consistent with the constituents identified in DEQ's *Guidance for Evaluating Residual Pesticides on Lands Formerly Used for Agricultural Production* of 2006 that was updated in June 2019 (DEQ, June 2019).

Copies of the final analytical laboratory reports for the Subject Property analytical soil results are included in **Appendix 2**. The analytical results for soil samples are summarized in **Table 1** through **Table 4**. The metals results are summarized in **Table 1**, the organochlorine pesticides in **Table 2**, the organophosphorus pesticides in **Table 3**, and the chlorinated herbicides in **Table 4**. In addition to presenting the analytical results, **Table 1** through **Table 4** also identify relevant generic risk-based concentrations (RBCs) for soil developed by DEQ. The generic RBCs identified in these tables are consistent with the anticipated future land use and zoning and assume occupational receptors and construction and excavation workers will be present on the Subject Property. The generic RBCs are described in DEQ's updated *Risk-Based Decision Making for the Remediation of Contaminated Sites* guidance dated October, 2, 2017 (DEQ, 2017).



3 DATA EVALUATION

The soil samples analytical results are included in **Appendix 2** and summarized in **Table 1** through **Table 4**. The analytical results reported several constituents at concentrations that exceed the laboratory method reporting limits (MRLs) in several soil samples. These constituents were further compared to relevant generic RBCs, including the following receptors and exposure pathways: the occupational receptors, construction workers, and excavation workers *ingestion, dermal contact, and inhalation exposure pathway*; the occupational receptors *volatilization to outdoor air exposure pathway*; the occupational receptors *vapor intrusion into buildings exposure pathway*; and the occupational receptors *leaching to groundwater exposure pathway*.

The reported concentrations of total metals were also compared to the naturally occurring background concentrations developed for the Cascade Range region, which includes the eastern Medford area and the Subject Property. The background concentrations are derived from DEQ's Technical Report entitled Development of Oregon Background Metals Concentrations in Soil (DEQ, 2013). The background concentrations are a type of average defined as the 95 percent upper predictive limits.

The reported concentrations of constituents were also compared to the Clean Fill Values listed in the DEQ's Clean Fill Determinations Internal Management Directive dated February 21, 2019 (DEQ, February 2019). Note that the Clean Fill Values for metals equal the naturally occurring background concentrations.

The reported data are summarized in the following paragraphs.

3.1 Total Metals

The analytical results of composite soil samples COMP1-0.0-0.5 through COMP5-2.0-3.0 reported several of the 17 metals at concentrations above the laboratory MRLs. Only arsenic and lead were reported at concentrations above the relevant generic RBCs. The RBCs exceedances were as follows:

- Arsenic was reported in all five composite soil samples (collected from 0.0 to 3.0 feet bgs) at concentrations ranging from 6.39 milligrams per kilogram (mg/kg) to 66.6 mg/kg, which exceeded the RBC for *ingestion, dermal contact, and inhalation exposure pathway* for occupational receptors of 1.9 mg/kg. The concentrations of arsenic in composite soil samples COMP1-0.0-0.5 and COMP2-0.5-1.0 (collected from 0.0 to 1.0 feet bgs) also exceeded the naturally occurring background concentration in the Cascade Range region (which includes the Medford area and the Subject Property) of 19 mg/kg.

While arsenic concentrations exceeded the RBC for the *ingestion, dermal contact, and inhalation exposure pathway* for occupational receptors and the naturally occurring background concentration, potential risks to human health associated with this constituent and exposure pathway can be managed, mitigated, and/or eliminated from further concern. The generic occupational RBC for total arsenic under the *soil ingestion,*



dermal contact, and inhalation exposure pathway assumes occupational receptors are likely to come into contact with contaminated soils found in the upper 3 feet of soil. Prior to property development, AEC recommends institutional and/or engineering controls be implemented throughout the Subject Property. Institutional and/or engineering control options to protect occupational receptors include but are not limited to the following: removal of shallow soil (from at least 0.0 to 1.0 feet bgs); paving; covering the property with a 3-foot layer of clean compacted fill material; additional investigations to delineate arsenic concentrations in shallow soil; developing an asphalt cap maintenance plan; developing a Contaminated Media Management Plan (CMMP) with or without DEQ approval; and/or applying a deed notice (e.g. to ensure the asphalt cap is maintained).

- The concentrations of arsenic in composite soil samples COMP1-0.0-0.5 (66.6 mg/kg) and COMP2-0.5-1.0 (35.2 mg/kg) exceeded the RBC for the *ingestion, dermal contact, and inhalation exposure pathway* for construction workers of 15 mg/kg.

While arsenic concentrations exceeded the generic RBC for the *ingestion, dermal contact, and inhalation exposure pathway* for construction workers, potential risks to human health associated with this constituent and exposure pathway can be managed, mitigated, and/or eliminated from further concern. The generic construction workers RBC for total arsenic under the *soil ingestion, dermal contact, and inhalation exposure pathway* assumes construction workers could be exposed over 1 year to arsenic during construction activities involving the disturbance of impacted-soils. However, it is unlikely construction workers would be working at the Subject Property continuously for 1 year. Furthermore, this risk could be easily mitigated with proper communication to future construction workers requiring they wear appropriate personal protective equipment (PPE) and follow proper decontamination procedures subsequent to working in order to avoid exposure and health risks. The procedures documenting proper communication, appropriate PPE, and proper decontamination could be documented in a CMMP prepared with or without DEQ approval.

- Lead was reported in composite soil samples COMP1-0.0-0.5 through COMP4-1.5-2.0 at concentrations of 301 mg/kg, 161 mg/kg, 45.3 mg/kg, and 34.8 mg/kg, respectively, which exceeded the RBC for the *leaching to groundwater exposure pathway* for occupational receptors of 30 mg/kg. The concentration of lead in these four composite soil samples also exceeded the naturally occurring background concentration in the Cascade Range region (which includes the Medford area and the Subject Property) of 34 mg/kg.

While lead concentrations exceeded the generic RBC for the *leaching to groundwater exposure pathway* for occupational receptors, potential risks to human health associated with this constituent and exposure pathway can be managed, mitigated, and/or eliminated from further concern. The generic occupational RBC for total lead under the *leaching to groundwater exposure pathway* conservatively assumes that a water supply well is being used at the Subject Property or proximal to the Subject Property, and that lead could be leached from the shallow soil, impact groundwater, and that occupational receptors could subsequently be exposed to lead in drinking water. The Subject Property is currently undeveloped vacant land with no current water use. When developed, the Subject Property will be serviced with municipal water by the Medford Water. The



neighboring properties are either undeveloped land with no water use or have commercial/industrial use and utilize private well water and/or municipal water and will likely continue to utilize private well water and/or municipal water in the future. A review of the WRD well records indicates the Subject Property has no water supply wells. Based on a groundwater investigation on the adjacent property to the northeast of the Subject Property, the groundwater flow direction in the area is to the west-southwest, towards Upton Slough. Given the current groundwater use status at the Subject Property (i.e. the absence of wells, no current water use, and the future planned municipal water use), it is highly unlikely potentially leached lead from the shallow soil into groundwater at the Subject Property will pose an unacceptable risk to occupational receptors at the Subject Property. To completely eliminate the potential risk that leaching of these constituents to groundwater might pose to occupational receptors at the Subject Property, a groundwater investigation could be conducted and/or a deed notice could be developed and applied that prohibits the installation of wells to supply water to occupational receptors at the Subject Property. It should also be noted the concentrations of lead attenuate to concentrations below the generic RBC for the *leaching to groundwater exposure pathway* for occupational receptors at a depth of 2.0 feet bgs. These data indicate that if the upper 2.0 feet of soil are removed during development to meet geotechnical requirements, this potential risk is eliminated.

3.2 Organochlorine Pesticides

The analytical results of composite soil samples COMP1-0.0-0.5 through COMP5-2.0-3.0 reported several organochlorine pesticides at concentrations above the laboratory MRLs. These organochlorine pesticides included 4,4'-dichlorodiphenyldichloroethene [4,4'-DDE], 4,4'-dichlorodiphenyltrichloroethane (4,4'-DDT), and dieldrin. The reported concentrations of dieldrin in composite soil samples COMP1-0.0-0.5 (0.0815 mg/kg) and COMP2-0.5-1.0 (0.0608 mg/kg) exceeded the generic RBC for *leaching to groundwater exposure pathway* for occupational receptors of 0.030 mg/kg.

While dieldrin concentrations exceeded the generic RBC for the *leaching to groundwater exposure pathway* for occupational receptors, potential risks to human health associated with this constituent and exposure pathway can be managed, mitigated, and/or eliminated from further concern. As mentioned in Section 3.1 regarding lead, given the current groundwater use status at the Subject Property (the absence of wells, no current water use, and the future planned municipal water use), it is highly unlikely potentially leached dieldrin from the shallow soil into groundwater at the Subject Property will pose an unacceptable risk to occupational receptors at the Subject Property. To completely eliminate the potential risk that leaching of this constituent to groundwater might pose to occupational receptors at the Subject Property, groundwater investigations could be conducted and/or a deed notice could be developed and applied that prohibits the installation of wells to supply water to occupational receptors at the Subject Property. It should also be noted the concentrations of dieldrin attenuate to concentrations below the generic RBC for the *leaching to groundwater exposure pathway* for occupational receptors at a depth below 1.0 feet bgs. These data indicate that if the upper 1.0 feet of soil is removed during development to meet geotechnical requirements, this potential risk is eliminated.



The concentrations of 4,4'-DDE, 4,4'-DDT, and dieldrin exceeded the Clean Fill Values in all five composite soil samples.

The organochlorine pesticides MRLs were below the generic applicable RBCs. The organochlorine pesticides results are summarized in **Table 2**.

3.3 Organophosphorus Pesticides

The analytical results of the composite soil samples reported no organophosphorus pesticides at concentrations above the laboratory MRLs in any analyzed composite soil sample. There are no established RBCs for organophosphorus pesticides. The organophosphorus pesticides MRLs were below the Clean Fill Values, with the exception of the MRL for dichlorvos. The organophosphorus pesticides results are summarized in **Table 3**.

3.4 Chlorinated Herbicides

The analytical of the composite soil samples reported no chlorinated herbicides at concentrations above the laboratory MRLs in the composite soil samples analyzed. The organochlorine pesticides MRLs were below the generic applicable RBCs. The chlorinated herbicides results are summarized in **Table 4**.

3.5 Clean Fill Determination

Based on the analytical results of the discrete and composite soil samples collected throughout the Subject Property, which are presented in **Table 1** through **Table 4**, the soil at the Subject Property within at least the upper 3.0 feet does not qualify as Clean Fill. The constituents reported at concentrations above the Clean Fill Values include the following:

- Arsenic - from 0.0 to 1.0 feet bgs;
- Lead - from 0.0 to 2.0 feet bgs;
- 4,4'-DDE - from 0.0 to 3.0 feet bgs;
- 4,4'-DDT - from 0.0 to 3.0 feet bgs; and
- Dieldrin - from 0.0 to 3.0 feet bgs.

The upper 3 feet of soil at the Subject Property should not be exported off of the Subject Property unless it is managed appropriately (e.g. under a DEQ-approved Solid Waste Letter of Authorization [SWLA]). However, the soil from 1.0 to 3.0 feet bgs can be reused on the Subject Property as unrestricted fill. It should be noted that per the *Clean Fill Determinations* Internal Management Directive (DEQ, 2019), any soil with petroleum-like staining or a petroleum-like odor does not qualify as Clean Fill and should not be exported from the Subject Property unless it is properly handled (e.g. under a DEQ-approved SWLA).

Note that the soil at a depth of 0.0 to 1.0 feet bgs should be addressed as described in **Section 3.1** to properly manage potential risks associated with arsenic to occupational and construction worker receptors under the *soil ingestion, dermal contact, and inhalation exposure pathway*.



If soil at a depth of 1.0 to 3.0 feet bgs is excavated at the Subject Property, it can be reused on the Subject Property as unrestricted fill. However, if this soil is excavated and transported off of the Subject Property, it should be managed appropriately consistent with DEQ regulations. Options include disposal under a DEQ-approved SWLA or disposal at a subtitle D municipal waste landfill (e.g. Dry Creek Landfill). If soil at a depth below 3.0 feet bgs is excavated at the Subject Property, it should be assumed it exceeds the Clean Fill Values for the organochlorine pesticides mentioned above or it should be sampled and analyzed for organochlorine pesticides.



4 CONCLUSIONS AND RECOMMENDATIONS

The Phase II ESA investigation conducted at the Subject Property included the excavation of eight test pits (identified as TP1 through TP8), the collection of subsamples from each test pit from five depth discrete intervals (0.0 to 0.5 feet bgs, 0.5 to 1.0 feet bgs, 1.0 to 1.5 feet bgs, 1.5 to 2.0 feet bgs, 2.0 to 3.0 feet bgs), the preparation of five depth discrete composite soil samples (identified as COMP1-0.0-0.5 through COMP5-2.0-3.0), and the laboratory analyses of all composite soil samples for the following constituents:

- Seventeen metals by USEPA Method 6020B (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, mercury, molybdenum, selenium, silver, thallium, vanadium, and zinc);
- Organochlorine pesticides by USEPA Method 8081B;
- Organophosphorus pesticides by USEPA METHOD 8270E; and
- Chlorinated herbicides by USEPA Method 8321B.

The Phase II ESA analytical data reported several constituents in soil samples at concentrations above laboratory MRLs. Overall, the analytical results reported in general a higher concentration of pesticides constituents in the upper 0.5 feet of soil than in the underlying layer from 0.5 to 3.0 feet bgs. These data demonstrate concentrations of pesticides constituents attenuate fairly rapidly with depth.

The laboratory analyses of the composite soil samples (COMP1-0.0-0.5 through COMP5-2.0-3.0) collected throughout the Subject Property reported several constituents at concentrations above the laboratory MRLs. These included several metals and organochlorine pesticides. The concentrations of arsenic, lead, 4,4'-DDE, 4,4'-DDT, and dieldrin exceeded DEQ's Clean Fill Values. Only arsenic, lead, and dieldrin exceeded the relevant generic RBCs. The generic RBCs exceedances were as follows:

- Arsenic was reported in all five composite soil samples COMP1-0.0-0.5 through COMP5-2.0-3.0 at concentrations above the generic RBC for the *ingestion, dermal contact, and inhalation exposure pathway* for occupational receptors. The concentration of arsenic also exceeded the naturally occurring background concentration (which coincides with Clean Fill Value) in the Cascade Mountain region, which includes the eastern part of the Medford area and the Subject Property, in composite soil samples COMP1-0.0-0.5 and COMP2-0.5-1.0.
- Arsenic was reported in composite soil samples COMP1-0.0-0.5 and COMP2-0.5-1.0 at concentrations above the generic RBC for the *ingestion, dermal contact, and inhalation exposure pathway* for construction workers.
- Lead was reported in composite soil samples COMP1-0.0-0.5 through COMP4-1.5-2.0 at concentrations above the generic RBC for the *leaching to groundwater exposure pathway* for occupational receptors. The concentration of lead in these four samples also exceeded the naturally occurring background concentration (which coincides with Clean Fill Value).



- Dieldrin was reported in composite soil samples COMP1-0.0-0.5 and COMP20.5-1.0 at concentrations above the generic RBC for the *leaching to groundwater exposure pathway* for occupational receptors.
- In addition, the concentrations of arsenic, lead, 4,4'-DDE, 4,4'-DDT, and dieldrin exceeded DEQ's Clean Fill Values at various depths down to 3 feet bgs.

While generic RBCs for occupational receptors and construction workers were exceeded for the aforementioned constituents and exposure pathways, potential risks to human health associated with these constituents and exposure pathways can be managed, mitigated, and/or eliminated from further concern, as follows:

1. The generic occupational RBC under the *soil ingestion, dermal contact, and inhalation exposure pathway* assumes occupational receptors are likely to come into contact with contaminated soils found in the upper 3 feet of soil. The concentrations of arsenic reported in the composite soil samples collected from depths of 0.0 to 3.0 feet bgs exceeded this RBC. Arsenic also exceeded the naturally occurring background concentration in the composite soil samples collected from 0.0 to 1.0 feet bgs. Prior to property development, if the upper 1.0 feet of soil is not excavated and properly disposed of off of the Subject Property during development, AEC recommends institutional and/or engineering controls be implemented throughout the Subject Property. Institutional and/or engineering control options to protect occupational receptors include but are not limited to the following: removal of shallow soil (at least from 0.0 to 1.0 feet bgs); paving; covering the property with a 3-foot layer of clean compacted fill material; additional investigations to delineate arsenic concentrations in shallow soil; developing an asphalt cap maintenance plan; developing a CMMP with or without DEQ approval; and/or applying a deed notice (e.g. to ensure the asphalt cap is maintained).
2. The generic construction workers RBC for total arsenic under the *soil ingestion, dermal contact, and inhalation exposure pathway* assumes construction workers could be exposed over 1 year to arsenic during construction activities involving the disturbance of impacted-soils. However, it is unlikely construction workers would be working at the Subject Property continuously for 1 year. Furthermore, this risk could be easily mitigated with proper communication to future construction workers requiring they wear appropriate PPE and follow proper decontamination procedures subsequent to working in order to avoid exposure and health risks. The procedures documenting proper communication, appropriate PPE, and proper decontamination could be documented in a CMMP with or with DEQ approval.
3. The generic occupational RBC for lead and dieldrin under the *leaching to groundwater exposure pathway* conservatively assumes that a water supply well is being used at the Subject Property or proximal to it, and that these constituents could be leached from the shallow soil, impact groundwater, and that occupational receptors could subsequently be exposed to these constituents in drinking water. The Subject Property is currently undeveloped vacant land with no current water use. When developed, the Subject Property will be serviced with municipal water by Medford Water. The neighboring properties are either undeveloped land with no water use or have



commercial/industrial use and utilize private well water and/or municipal water and will likely continue to utilize private well water and/or municipal water in the future. A review of the WRD well records indicates the Subject Property has no water supply wells. Based on the general topography in the vicinity of the Subject Property, as well as on groundwater elevation data collected in September 2022 on the adjacent property to the north of the Subject Property, it is expected that groundwater at the Subject Property flows to the west-southwest towards Upton Slough.

Given the current groundwater use status at the Subject Property (i.e. the absence of wells, no current water use, and the future planned municipal water use), it is highly unlikely potentially leached lead and dieldrin from the shallow soil into groundwater at the Subject Property will pose an unacceptable risk to occupational receptors at the Subject Property. To completely eliminate the potential risk that leaching of these constituents to groundwater might pose to occupational receptors at the Subject Property, a groundwater investigation could be conducted and/or a deed notice could be developed and applied that prohibits the installation of wells to supply water to occupational receptors at the Subject Property. It should also be noted the concentrations of lead and dieldrin attenuate to concentrations below their respective generic RBCs for the *leaching to groundwater exposure pathway* for occupational receptors at depths of 2.0 feet and 1.0 feet bgs, respectively. These data indicate that if the upper 2.0 feet of soil are removed during development to meet geotechnical requirements, this potential risk is eliminated.

4. The Clean Fill Values were exceeded by several constituents in the composite samples collected throughout the Subject Property at a depth ranging from 0.0 to 3.0 feet bgs. These constituents included arsenic, lead, 4,4'-DD, 4,4'-DDT, and dieldrin. If soil from 1.0 to 3.0 feet bgs is excavated throughout the Subject Property, it can be reused on the Subject Property as unrestricted fill. However, if this soil is exported off of the Subject Property, it should be managed appropriately to ensure it does not adversely impact ecological receptors. For example, this soil could be properly disposed of at a quarry under a DEQ-approved Solid Waste Letter of Authorization (SWLA). It should be noted the soil at a depth of 0.0 to 1.0 feet bgs should be addressed as described under bullet #1 to address potential arsenic risks for occupational receptors under the *soil ingestion, dermal contact, and inhalation exposure pathway*.

Based on the available data, AEC concluded that the historical orchard practices at the Subject Property (and the western and northern adjacent properties) involving pesticides have adversely impacted the surficial soil and are considered a REC. The available data reflect the adverse impacts are in the soil within the investigated interval of 0.0 to 3.0 feet bgs.

Based on these findings and accounting for the inherent uncertainties associated with any subsurface investigation, AEC recommends the following:

- Consider entering DEQ's VCP to obtain an updated NFA determination, which will concurrently ensure future occupants are not exposed to unacceptable risks associated with residual pesticides contamination and provide the property owner and associated business entities with liability protection.



- Consider investigating the groundwater and/or developing and applying a deed notice that prohibits the installation of wells to supply water to occupational receptors at the Subject Property.
- During development activities, appropriately manage potential risks associated with residual pesticides concentrations in shallow soil that are above generic RBCs (e.g. arsenic) and/or Clean Fill values in the upper 3.0 feet of soil of the Subject Property. If this soil is to be excavated during development and moved off of the Subject Property, the soil should be disposed of consistent with DEQ regulations, examples being disposal under a DEQ-approved SWLA and disposal at an approved landfill (e.g. Dry Creek Landfill).

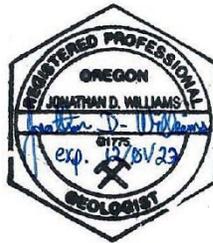
Please feel free to contact Jonathan Williams at 541-944-4685 or jwilliams@alpine-env-llc.com if you have any questions about this Phase II ESA report.

Sincerely,

Alpine Environmental Consultants, LLC

Jonathan D. Williams

Jonathan D. Williams, R.G.
Senior Hydrogeologist



Antonela Vadan

Antonela Vadan, R.G.
Project Geologist



5 REFERENCES

Oregon Department of Environmental Quality (DEQ). March 2013. *Development of Oregon Background Metals Concentrations in Soil*, Technical report. Land Quality Division, Cleanup Program. (DEQ, 2013).

Oregon DEQ. October 2017. *Risk-Based Decision Making for the Remediation of Contaminated Sites*. Updated on October 17, 2017 (DEQ, 2017).

Oregon DEQ. June 2019. *Guidance for Evaluating Residual Pesticides on Lands Formerly Used for Agricultural Production*. Land Quality Division, Cleanup Program. Developed in January 2006 and Updated in June 2019 (DEQ, June 2019).

Oregon DEQ. February 21, 2019. Clean Fill Determinations. Materials Management Division. (DEQ, February 2019).



6 LIMITATIONS

The purpose of an environmental assessment is to reasonably evaluate the potential for or actual impact of past practices on a given Subject Property area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. This environmental assessment contains professional opinions as to the environmental issues of concern and/or additional actions, which may be addressed to the property. In rendering its professional opinion, we warrant that services provided hereunder were performed, within the limits described, consistent with current generally accepted environmental consulting principles and practices. No other warranty, express or implied, is made. The following paragraphs discuss the assumptions and parameters under which such an opinion is rendered.

No investigation is thorough enough to exclude the presence of hazardous materials at a given Subject Property. If hazardous conditions have not been identified during the assessment, such a finding should not therefore be construed as a guarantee of the absence of such materials on the Subject Property, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Any opinions or recommendations presented apply to Subject Property conditions existing when services were performed. We are unable to report on or accurately predict events that may change the Subject Property conditions after the described services are performed, whether occurring naturally or caused by external forces. We assume no responsibility for conditions we were not authorized to investigate, or conditions not generally recognized as environmentally unacceptable when services were performed.

Environmental conditions may exist at the Subject Property that cannot be identified by visual observation. Where the scope of services was limited to observations made during Subject Property reconnaissance, interviews, review of readily available reports and literature or any combination, any conclusions or recommendations or both are necessarily based in part on information supplied by others, the accuracy or sufficiency of which we may not have independently reviewed.

Where subsurface work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.



We are not responsible for any potential impact of changes in applicable environmental standards, practices, or regulations following performance of services, on the conclusions or recommendations, or both, of the study.

Services hereunder were performed consistent with our agreement and understanding with, and solely for the use of, our client. Opinions and recommendations are intended for the client, purpose, Subject Property, location, time frame, and project parameters indicated. We are not responsible for subsequent separation, detachment, or partial use of this document. Any reliance on this report by a third party shall be at such party's sole risk.



7 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Mr. Jonathan Williams received a Bachelor of Science degree in Geology, with honors, from Duke University in 1987. He has over 28 years experience working with geologic and environmental reports, including Phase I ESAs. Mr. Williams has been a Registered Geologist in the State of Oregon since 1996, and has 40-hour HAZWOPER training.

Ms. Antonela Vadan holds a Bachelor of Arts and Science in Earth and Environmental Sciences from the University of Illinois at Chicago. She has over 20 years of experience in both the private and public sector. Ms. Vadan has conducted multiple Phase I ESAs. Additional project activities have included risk assessments, remedial investigations/feasibility studies, soil and groundwater investigations, and indoor air quality investigations. Ms. Vadan is a Registered Geologist in the States of Oregon and Washington and has 40-hour HAZWOPER training.



FIGURES



SOURCE: U.S.G.S. 7.5 MINUTE TOPOGRAPHIC QUADRANGLE
 EAGLE POINT, OR (2024), SAM'S VALLEY, OR (2024),
 MEDFORD EAST, OR (2024), MEDFORD WEST, OR (2023)



ALPINE ENVIRONMENTAL CONSULTANTS, LLC

DATE: 4/2/25 DRAWN BY: SM

Figure 1
 Subject Property Location Map
 Phase II ESA
 Map 371W06 Taxlot 2507, Medford, Oregon



SOURCE: GOOGLE EARTH (2024)

LEGEND

- TP1 x Test Pit Location (2/2025)
- Approximate Site Boundary



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DATE: 4/2/25

DRAWN BY: SRM

Figure 2
 General Site and Test Pit Location Map
 Phase II ESA
 Map 371W06 Taxlot 2507, Medford, Oregon

TABLES

Table 1. Soil Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Parameter	DEQ Risk-Based Concentrations for Soil (a)					DEQ's Clean fill screening levels for Cascade Mountains and background metals in Soil (e), (f)	Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)			Volatilization to Outdoor Air (c)	Leaching to Groundwater (d)		COMP1-0.0-0.5	COMP2-0.5-1.0	COMP3-1.0-1.5	COMP4-1.5-2.0	COMP5-2.0-3.0
	OCC.	C.W.	E.W.				Composite soil samples of eight subsamples collected from test pits TP1 through TP8				
				OCC.	OCC.		0.0-0.5 ft bgs	0.5-1.0 ft bgs	1.0-1.5 ft bgs	1.5-2.0 ft bgs	2.0-3.0 ft bgs
							02/24/25	02/24/25	02/24/25	02/24/25	02/24/25
Total Metals (mg/kg)											
USEPA 6020B (ICPMS)											
Antimony	NE	NE	NE	NE	NE	0.67	1.05U, PRO	1.02U, PRO	1.08U, PRO	1.16U, PRO	1.14U, PRO
Arsenic	1.9	15	420	NV	*	19	66.6 PRO	35.2 PRO	12.1 PRO	8.79 PRO	6.39 PRO
Barium	220,000	69,000	>Max	NV	*	630	213 PRO	218 PRO	226 PRO	219 PRO	228 PRO
Beryllium	2,300	700	19,000	NV	*	2.1	0.640 PRO	0.675 PRO	0.601 PRO	0.601 PRO	0.560 PRO
Cadmium	1,100	350	9,700	NV	*	0.54	0.210U, PRO	0.205U, PRO	0.216U, PRO	0.232U, PRO	0.227U, PRO
Chromium (III)	>Max	530,000	>Max	NV	*	200	87.1 PRO	76.6 PRO	60.9 PRO	80.7 PRO	64.9 PRO
Cobalt	NE	NE	NE	NE	NE	NA	35.5 PRO	35.3 PRO	34.6 PRO	35.0 PRO	32.4 PRO
Copper	47,000	14,000	390,000	NV	*	73	33.5 PRO	28.0 PRO	22.4 PRO	25.5 PRO	24.5 PRO
Lead	800	800	800	NV	30	34	301 PRO	161 PRO	45.3 PRO	34.8 PRO	29.6 PRO
Mercury	350	110	2,900	NV	*	0.24	0.0841U, PRO	0.0819U, PRO	0.0864U, PRO	0.0930U, PRO	0.0909U, PRO
Molybdenum	NE	NE	NE	NE	NE	NA	1.05U, PRO	1.02U, PRO	1.08U, PRO	1.16U, PRO	1.14U, PRO
Nickel	22,000	7,000	190,000	NV	*	110	36.0 PRO	34.6 PRO	32.5 PRO	34.7 PRO	33.2 PRO
Selenium	NE	NE	NE	NE	NE	0.52	1.05U, PRO	1.02U, PRO	1.08U, PRO	1.16U, PRO	1.14U, PRO
Silver	5,800	1,800	49,000	NV	*	0.17	0.210U, PRO	0.205U, PRO	0.216U, PRO	0.232U, PRO	0.227U, PRO
Thalium	NE	NE	NE	NE	NE	2.8	0.210U, PRO	0.205U, PRO	0.216U, PRO	0.232U, PRO	0.227U, PRO
Vanadium	NE	NE	NE	NE	NE	280	60.9 PRO	56.2 PRO	61.8 PRO	64.5 PRO	62.9 PRO
Zinc	NE	NE	NE	NE	NE	170	48.2 PRO	37.7 PRO	28.6 PRO	36.1 PRO	32.5 PRO

See notes on next page.

Table 1. Soil Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory method reporting limit.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Analytical data highlighted in both yellow and blue indicates the value exceeded one or more generic RBCs and the Clean Fill Value.

* - Leaching to groundwater RBCs are not provided for inorganic chemicals. If this pathway is of concern, then site-specific leaching tests must be performed.

Data Qualifiers:

PRO -Sample has undergone sample processing prior to extraction and analysis.

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the July 2023 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(e) DEQ's Background Concentrations in Soil are referenced from the DEQ's Development of Oregon Background Metals Concentrations in Soil technical report dated March 2013. The background concentrations included in this table are 95% Upper Prediction Limit (UPL) for the Cascade Mountains region, which includes the Medford area and the Site.

(f) Clean Fill Values are referenced from the DEQ's Clean Fill Determinations Internal Management Directive document dated February 2019.

Symbols/Acronyms:

bgs - below ground surface

C.W. - construction worker receptor

DEQ - Department of Environmental Quality

E.W. - excavation worker receptor

ft - feet

ICP-MS - Inductively Coupled Plasma Mass Spectrometry

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

NV - The chemical is considered "nonvolatile" for the purposes of the exposure calculations.

RBC - risk-based concentration

OCC - occupational receptors

USEPA - United States Environmental Protection Agency

Table 2. Soil Samples Analytical Results - Organochlorine Pesticides
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Parameter	DEQ Risk-Based Concentrations for Soil (a)					DEQ's Clean fill screening levels (e)	Test Pit Samples	
	Ingestion, Dermal Contact and Inhalation (b)			Volatilization to Outdoor Air (c)	Leaching to Groundwater (d)		COMP1-0.0-0.5	COMP2-0.5-1.0
	OCC.	C.W.	E.W.				OCC.	OCC.
				OCC.	OCC.		0.0-0.5 ft bgs	0.5-1.0 ft bgs
			OCC.	OCC.	02/24/25	02/24/25		
Organochlorine Pesticides (mg/kg)								
USEPA 8081B								
Aldrin	0.13	1.1	30	>Csat	0.1	0.023	0.00183U, C-05, PRO	0.00186U, C-05, PRO
alpha-Hexachlorocyclohexane (alpha-BHC)	0.36	3	83	NV	0.023	0.0063	0.00183U, C-05, PRO	0.00186U, C-05, PRO
beta-BHC	NE	NE	NE	NE	NE	0.009	0.00183U, C-05, PRO	0.00186U, C-05, PRO
delta-BHC	NE	NE	NE	NE	NE	NE	0.00183U, C-05, PRO	0.00186U, C-05, PRO
gamma-BHC (Lindane)	2.1	17	470	NV	0.13	0.0095	0.00183U, C-05, PRO	0.00186U, C-05, PRO
Chlordane	7.4	61	1700	>Csat	2.1	0.91	0.0550U, C-05, PRO	0.0559U, C-05, PRO
cis-Chlordane (Chlordane RBCs)	7.4	61	1700	>Csat	2.1	0.91	0.00183U, C-05, PRO	0.00186U, C-05, PRO
trans-Chlordane (Chlordane RBCs)	7.4	61	1700	>Csat	2.1	0.91	0.00183U, C-05, PRO	0.00186U, C-05, PRO
4,4'-Dichlorodiphenyldichloroethane (4,4'-DDD)	12	94	2,600	NV	2.6	0.0063	0.00724U, R-02, C-05, PRO	0.00597U, R-02, C-05, PRO
4,4'-Dichlorodiphenyldichloroethene (4,4'-DDE)	8.2	66	1,800	>Csat	7.5	0.01	1.2 C-05, PRO	0.94 C-05, PRO
4,4'-Dichlorodiphenyltrichloroethane (4,4-DDT)	8.5	66	1,800	NV	70	0.01	0.271 C-05, PRO	0.153 C-05, PRO
Dieldrin	0.14	1.2	33	NV	0.030	0.0045	0.0815 C-05, PRO	0.0608 C-05, PRO
Endosulfan I (Endosulfan alpha-beta RBC)	4900	1600	45,000	>Max	>Csat	0.64	0.00183U, C-05, PRO	0.00186U, C-05, PRO
Endosulfan II (Endosulfan alpha-beta RBC)	4900	1600	45,000	>Max	>Csat	0.64	0.00247U, R-02, C-05, PRO	0.00186U, C-05, PRO
Endosulfan Sulfate (Endosulfan alpha-beta RBC)	4900	1600	45,000	>Max	>Csat	0.64	0.00385U, R-02, C-05, PRO	0.00308U, R-02, C-05, PRO
Endrin	250	80	2200	NV	>Csat	0.0014	0.00220U, R-02, C-05, PRO	0.00205U, R-02, C-05, PRO
Endrin Aldehyde (Endrin RBC)	250	80	2200	NV	>Csat	0.0014	0.00256U, R-02, C-05, PRO	0.00186U, C-05, PRO
Endrin Ketone (Endrin RBC)	250	80	2200	NV	>Csat	0.0014	0.00183U, C-05, PRO	0.00186U, C-05, PRO
Heptachlor	0.45	4	110	230	0.048	0.017	0.00183U, C-05, PRO	0.00186U, C-05, PRO
Heptachlor expoxide	0.24	2	56	>Csat	0.016	0.0042	0.00183U, C-05, PRO	0.00186U, C-05, PRO
Methoxychlor	NE	NE	NE	NE	NE	5.1	0.0661U, R-02, C-05, PRO	0.0431U, R-02, C-05, PRO
Toxaphene (Total)	2.1	17	470	NV	0.93	0.36	0.104U, R-02, C-05, PRO	0.0741U, R-02, C-05, PRO

See notes on next page.

Table 2. Soil Samples Analytical Results - Organochlorine Pesticides
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Parameter	DEQ Risk-Based Concentrations for Soil (a)					DEQ's Clean fill screening levels (e)	Test Pit Samples			
	Ingestion, Dermal Contact and Inhalation (b)			Volatilization to Outdoor Air (c)	Leaching to Groundwater (d)		COMP3-1.0-1.5	COMP4-1.5-2.0	COMP5-2.0-3.0	
	Composite soil samples of eight subsamples collected from test pits TP1 through TP8						1.0-1.5 ft bgs	1.5-2.0 ft bgs	2.0-3.0 ft bgs	
	OCC.	C.W.	E.W.	OCC.	OCC.		02/24/25	02/24/25	02/24/25	
Organochlorine Pesticides (mg/kg)										
USEPA 8081B										
Aldrin	0.13	1.1	30	>Csat	0.1	0.023	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
alpha-Hexachlorocyclohexane (alpha-BHC)	0.36	3	83	NV	0.023	0.0063	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
beta-BHC	NE	NE	NE	NE	NE	0.009	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
delta-BHC	NE	NE	NE	NE	NE	NE	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
gamma-BHC (Lindane)	2.1	17	470	NV	0.13	0.0095	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Chlordane	7.4	61	1700	>Csat	2.1	0.91	0.0531U, C-05, PRO	0.0534U, C-05, PRO	0.0547U, C-05, PRO	
cis-Chlordane (Chlordane RBCs)	7.4	61	1700	>Csat	2.1	0.91	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
trans-Chlordane (Chlordane RBCs)	7.4	61	1700	>Csat	2.1	0.91	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
4,4'-Dichlorodiphenyldichloroethane (4,4'-DDD)	12	94	2,600	NV	2.6	0.0063	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00178U, C-05, PRO	
4,4'-Dichlorodiphenyldichloroethene (4,4'-DDE)	8.2	66	1,800	>Csat	7.5	0.01	0.173 C-05, PRO	0.131 C-05, PRO	0.130 C-05, PRO	
4,4'-Dichlorodiphenyltrichloroethane (4,4'-DDT)	8.5	66	1,800	NV	70	0.01	0.0225 C-05, PRO	0.0199 C-05, PRO	0.0273 C-05, PRO	
Dieldrin	0.14	1.2	33	NV	0.030	0.0045	0.00897 C-05, PRO	0.00802 C-05, PRO	0.00722 C-05, PRO	
Endosulfan I (Endosulfan alpha-beta RBC)	4900	1600	45,000	>Max	>Csat	0.64	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Endosulfan II (Endosulfan alpha-beta RBC)	4900	1600	45,000	>Max	>Csat	0.64	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Endosulfan Sulfate (Endosulfan alpha-beta RBC)	4900	1600	45,000	>Max	>Csat	0.64	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Endrin	250	80	2200	NV	>Csat	0.0014	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Endrin Aldehyde (Endrin RBC)	250	80	2200	NV	>Csat	0.0014	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Endrin Ketone (Endrin RBC)	250	80	2200	NV	>Csat	0.0014	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Heptachlor	0.45	4	110	230	0.048	0.017	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Heptachlor expoxide	0.24	2	56	>Csat	0.016	0.0042	0.00177U, C-05, PRO	0.00178U, C-05, PRO	0.00182U, C-05, PRO	
Methoxychlor	NE	NE	NE	NE	NE	5.1	0.00531U, C-05, PRO	0.00534U, C-05, PRO	0.00547U, C-05, PRO	
Toxaphene (Total)	2.1	17	470	NV	0.93	0.36	0.0531U, C-05, PRO	0.0534U, C-05, PRO	0.0547U, C-05, PRO	

See notes on next page.

Table 2. Soil Samples Analytical Results - Organochlorine Pesticides
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory method reporting limit.

Analytical data highlighted in blue indicates the value exceeded the clean fill screening levels.

Analytical data highlighted in both yellow and blue indicates the value exceeded one or more generic RBCs and the Clean Fill Value.

Data Qualifiers:

C-05 - Extract has undergone a GPC (Gel-Permeation Chromatography) cleanup per EPA 3640A. Reporting levels may be raised due to dilution necessary for cleanup. Sample Final Volume includes the GPC dilution factor, see the Prep page for details.

PRO - Sample has undergone sample processing prior to extraction and analysis.

R-02 - The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the July 2023 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future.

(f) Clean Fill Values are referenced from the DEQ's Clean Fill Determinations Internal Management Directive document dated February 2019.

Symbols/Acronyms:

bgs - below ground surface

C.W. - construction worker receptor

>C_{sat} - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

E.W. - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

OCC - occupational receptors

RBC - risk-based concentration

USEPA - United States Environmental Protection Agency

Table 3. Soil Samples Analytical Results - Organophosphorus Herbicides
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Parameter	DEQ Risk-Based Concentrations for Soil (a)					DEQ's Clean fill screening levels (e)	Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)			Volatilization to Outdoor Air (c)	Leaching to Groundwater (d)		COMP1-0.0-0.5	COMP2-0.5-1.0	COMP3-1.0-1.5	COMP4-1.5-2.0	COMP5-2.0-3.0
	OCC.	C.W.	E.W.	OCC.	OCC.		Composite soil samples of eight subsamples collected from test pits TP1 through TP8				
							0.0-0.5 ft bgs	0.5-1.0 ft bgs	1.0-1.5 ft bgs	1.5-2.0 ft bgs	2.0-3.0 ft bgs
							02/24/25	02/24/25	02/24/25	02/24/25	02/24/25
Organophosphorus Pesticides (µg/kg)											
USEPA Method 8270E											
Azinphos methyl (Guthion)	NE	NE	NE	NE	NE	1	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Chlorpyrifos	NE	NE	NE	NE	NE	7.2	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Coumaphos	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Demeton-O	NE	NE	NE	NE	NE	2.5	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Demeton-S	NE	NE	NE	NE	NE	2.5	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Diazinon	NE	NE	NE	NE	NE	3.9	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Dichlorvos	NE	NE	NE	NE	NE	0.0049	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Dimethoate	NE	NE	NE	NE	NE	0.59	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Disulfoton	NE	NE	NE	NE	NE	0.056	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
EPN	NE	NE	NE	NE	NE	0.17	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Ethoprop	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Fensulfothion	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Fenthion	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Malathion	NE	NE	NE	NE	NE	6	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Merphos	NE	NE	NE	NE	NE	NE	0.343U, R-02, PRO	0.207U, R-02, PRO	0.189U, R-02, PRO	0.156U, PRO	0.0508U, R-02, PRO
Methyl parathion	NE	NE	NE	NE	NE	2.3	0.0588U, R-02, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Mevinphos (Phosdrin)	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Monocrotophos	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Naled (Dibrom)	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Parathion, ethyl	NE	NE	NE	NE	NE	NE	0.0793U, R-02, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Phorate	NE	NE	NE	NE	NE	1.1	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Ronnel (Fenchlorphos)	NE	NE	NE	NE	NE	0.2	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Sulfotep	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Sulprofos (Bolstar)	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
TEPP	NE	NE	NE	NE	NE	NE	0.178U, PRO	0.189U, PRO	0.0187U, PRO	0.182U, Q-42, PRO	0.181U, PRO
Tetrachlorvinphos (Rabor)	NE	NE	NE	NE	NE	0.49	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, Q-42, PRO	0.0453U, PRO
Tokuthion (Prothiofos)	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO
Trichloronate	NE	NE	NE	NE	NE	NE	0.0446U, PRO	0.0474U, PRO	0.0468U, PRO	0.0455U, PRO	0.0453U, PRO

See notes on next page.

Table 3. Soil Samples Analytical Results - Organophosphorus Pesticides
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Notes:

The laboratory method reporting limits that exceed the Clean Fill Values are indicated with bold blue font.

Data Qualifiers:

PRO - Sample has undergone sample processing prior to extraction and analysis.

Q-42 - Matrix Spike and/or Duplicate analysis was performed on this sample. % Recovery or RPD for this analyte is outside laboratory control limits. (Refer to the QC Section of Analytical Report.)

R-02 - The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

U - The analyte was analyzed for, but was not detected above the analytical laboratory's method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the July 2023 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future.

(f) Clean Fill Values are referenced from the DEQ's Clean Fill Determinations Internal Management Directive document dated February 2019.

Symbols/Acronyms:

bgs - below ground surface

C.W. - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

E.W. - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

ug/kg - micrograms per kilogram

OCC - occupational receptors

RBC - risk-based concentration

USEPA - United States Environmental Protection Agency

Table 4. Soil Samples Analytical Results - Chlorinated Herbicides
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Parameter	DEQ Risk-Based Concentrations for Soil (a)					DEQ's Clean fill screening levels (e)	Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)			Volatilization to Outdoor Air (c)	Leaching to Groundwater (d)		COMP1-0.0-0.5	COMP2-0.5-1.0	COMP3-1.0-1.5	COMP4-1.5-2.0	COMP5-2.0-3.0
	OCC.	C.W.	E.W.	OCC.	OCC.		Composite soil samples of eight subsamples collected from test pits TP1 through TP8				
							0.0-0.5 ft bgs	0.5-1.0 ft bgs	1.0-1.5 ft bgs	1.5-2.0 ft bgs	2.0-3.0 ft bgs
							02/24/25	02/24/25	02/24/25	02/24/25	02/24/25
Chlorinated Herbicides (mg/kg)											
USEPA 8321B											
2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	NE	NE	NE	NE	NE	4.1	0.025U	0.024U	0.0046U	0.0050U	0.0049U
2,4,5-TP (Silvex)	NE	NE	NE	NE	NE	3.7	0.025U	0.024U	0.0046U	0.0050U	0.0049U
2,4-Dichlorophenoxyacetic acid (2,4-D)	8,200	2,700	74,000	NV	16	2.3	0.025U	0.024U	0.0046U	0.0050U	0.0049U
4-(2,4-dichlorophenoxy)butyric acid (2,4-DB)	NE	NE	NE	NE	NE	25	0.049U	0.047U	0.0092U	0.0099U	0.0097U
Dalapon	NE	NE	NE	NE	NE	7.2	0.049U	0.047U	0.0092U	0.0099U	0.0097U
Dicamba	NE	NE	NE	NE	NE	9	0.025U	0.024U	0.0046U	0.0050U	0.0049U
Dichloroprop	NE	NE	NE	NE	NE	NE	0.025U	0.024U	0.0046U	0.0050U	0.0049U
Dinoseb	NE	NE	NE	NE	NE	7.8	0.049U	0.047U	0.0092U	0.0099U	0.0097U
2-Methyl-4-chlorophenoxyacetic acid (MCPA)	410	130	3,700	NV	0.61	0.097	0.025U	0.024U	0.0046U	0.0050U	0.0049U
Methylchlorophenoxypropionic acid (MCP)	NE	NE	NE	NE	NE	NE	0.025U	0.024U	0.0046U	0.0050U	0.0049U

See notes on next page.

Table 4. Soil Samples Analytical Results - Chlorinated Herbicides
Phase II Environmental Site Assessment - 4676 Industry Drive, Medford, Oregon; Map and Tax Lot 361W06 TL 2507

Notes:

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory's method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the July 2023 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) Clean Fill Values are referenced from the DEQ's Clean Fill Determinations Internal Management Directive document dated February 2019.

Symbols/Acronyms:

bgs - below ground surface

C.W. - construction worker receptor

>C_{sat} - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

E.W. - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

OCC - occupational receptors

RBC - risk-based concentration

USEPA - United States Environmental Protection Agency

APPENDIX 1

Photographic Documentation



1. Kubota KX04-4 mini excavator.



4. Test Pit TP1.



2. Test Pit TP1.



5. Test Pit TP2.



3. Test Pit TP1.



6. Test Pit TP3.



7. Test Pit TP3.



10. Test Pit TP5.



8. Test Pit TP4.



11. Test Pit TP5.



9. Test Pit TP4.



12. Test Pit TP6.



13. Test Pit TP6.



16. Test Pit TP8.



14. Test Pit TP7.



17. Test Pit TP8.



15. Test Pit TP7.

APPENDIX 3

Complete Laboratory Results



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Friday, March 14, 2025
Jonathan Williams
Alpine Environmental Consultants
12210 Antioch Road
White City, OR 97503

RE: A5B1580 - Airport One LLC- Industry Drive - [none]

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 A5B1580, which was received by the laboratory on 2/25/2025 at 11:06:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: dthomas@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 2.0 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

Darwin Thomas signature

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.

Darwin Thomas, Business Development Director



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
COMP1-0.0-0.5	A5B1580-01	Soil	02/24/25 12:00	02/25/25 11:06
COMP1-0.0-0.5	A5B1580-02	Soil	02/24/25 12:00	02/25/25 11:06
COMP2-0.5-1.0	A5B1580-03	Soil	02/24/25 11:30	02/25/25 11:06
COMP2-0.5-1.0	A5B1580-04	Soil	02/24/25 11:30	02/25/25 11:06
COMP3-1.0-1.5	A5B1580-05	Soil	02/24/25 11:00	02/25/25 11:06
COMP3-1.0-1.5	A5B1580-06	Soil	02/24/25 11:00	02/25/25 11:06
COMP4-1.5-2.0	A5B1580-07	Soil	02/24/25 10:30	02/25/25 11:06
COMP4-1.5-2.0	A5B1580-08	Soil	02/24/25 10:30	02/25/25 11:06
COMP5-2.0-3.0	A5B1580-09	Soil	02/24/25 10:00	02/25/25 11:06
COMP5-2.0-3.0	A5B1580-10	Soil	02/24/25 10:00	02/25/25 11:06

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.



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Organochlorine Pesticides by EPA 8081B

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP1-0.0-0.5 (A5B1580-02RE1)				Matrix: Soil		Batch: 25C0286		C-05, PRO
Aldrin	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
alpha-BHC	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
beta-BHC	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
delta-BHC	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
gamma-BHC (Lindane)	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
cis-Chlordane	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
trans-Chlordane	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
4,4'-DDD	ND	---	0.00724	mg/kg dry	1	03/10/25 16:12	EPA 8081B	R-02
Dieldrin	0.0815	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
Endosulfan I	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
Endosulfan II	ND	---	0.00247	mg/kg dry	1	03/10/25 16:12	EPA 8081B	R-02
Endosulfan sulfate	ND	---	0.00385	mg/kg dry	1	03/10/25 16:12	EPA 8081B	R-02
Endrin	ND	---	0.00220	mg/kg dry	1	03/10/25 16:12	EPA 8081B	R-02
Endrin aldehyde	ND	---	0.00256	mg/kg dry	1	03/10/25 16:12	EPA 8081B	R-02
Endrin ketone	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
Heptachlor	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
Heptachlor epoxide	ND	---	0.00183	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
Methoxychlor	ND	---	0.0661	mg/kg dry	1	03/10/25 16:12	EPA 8081B	R-02
Chlordane (Technical)	ND	---	0.0550	mg/kg dry	1	03/10/25 16:12	EPA 8081B	
Toxaphene (Total)	ND	---	0.104	mg/kg dry	1	03/10/25 16:12	EPA 8081B	R-02
<i>Surrogate: 2,4,5,6-TCMX (Surr)</i>		<i>Recovery: 83 %</i>		<i>Limits: 42-129 %</i>		<i>1</i>	<i>03/10/25 16:12</i>	<i>EPA 8081B</i>
<i>Decachlorobiphenyl (Surr)</i>		<i>99 %</i>		<i>55-130 %</i>		<i>1</i>	<i>03/10/25 16:12</i>	<i>EPA 8081B</i>

COMP1-0.0-0.5 (A5B1580-02RE2)				Matrix: Soil		Batch: 25C0286		C-05, PRO
4,4'-DDE	1.20	---	0.0366	mg/kg dry	20	03/11/25 14:24	EPA 8081B	
4,4'-DDT	0.271	---	0.0366	mg/kg dry	20	03/11/25 14:24	EPA 8081B	

COMP2-0.5-1.0 (A5B1580-04RE1)				Matrix: Soil		Batch: 25C0286		C-05, PRO
Aldrin	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
alpha-BHC	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
beta-BHC	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
delta-BHC	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
gamma-BHC (Lindane)	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
cis-Chlordane	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Organochlorine Pesticides by EPA 8081B

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP2-0.5-1.0 (A5B1580-04RE1)				Matrix: Soil		Batch: 25C0286		C-05, PRO
trans-Chlordane	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
4,4'-DDD	ND	---	0.00597	mg/kg dry	1	03/10/25 16:29	EPA 8081B	R-02
Dieldrin	0.0608	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
Endosulfan I	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
Endosulfan II	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
Endosulfan sulfate	ND	---	0.00308	mg/kg dry	1	03/10/25 16:29	EPA 8081B	R-02
Endrin	ND	---	0.00205	mg/kg dry	1	03/10/25 16:29	EPA 8081B	R-02
Endrin aldehyde	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
Endrin ketone	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
Heptachlor	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
Heptachlor epoxide	ND	---	0.00186	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
Methoxychlor	ND	---	0.0431	mg/kg dry	1	03/10/25 16:29	EPA 8081B	R-02
Chlordane (Technical)	ND	---	0.0559	mg/kg dry	1	03/10/25 16:29	EPA 8081B	
Toxaphene (Total)	ND	---	0.0741	mg/kg dry	1	03/10/25 16:29	EPA 8081B	R-02
<i>Surrogate: 2,4,5,6-TCMX (Surr)</i>		<i>Recovery: 88 %</i>		<i>Limits: 42-129 %</i>		<i>1</i>	<i>03/10/25 16:29</i>	<i>EPA 8081B</i>
<i>Decachlorobiphenyl (Surr)</i>		<i>107 %</i>		<i>55-130 %</i>		<i>1</i>	<i>03/10/25 16:29</i>	<i>EPA 8081B</i>
COMP2-0.5-1.0 (A5B1580-04RE2)				Matrix: Soil		Batch: 25C0286		C-05, PRO
4,4'-DDE	0.940	---	0.0373	mg/kg dry	20	03/11/25 14:42	EPA 8081B	
4,4'-DDT	0.153	---	0.0373	mg/kg dry	20	03/11/25 14:42	EPA 8081B	
COMP3-1.0-1.5 (A5B1580-06RE1)				Matrix: Soil		Batch: 25C0286		C-05, PRO
Aldrin	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
alpha-BHC	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
beta-BHC	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
delta-BHC	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
gamma-BHC (Lindane)	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
cis-Chlordane	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
trans-Chlordane	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
4,4'-DDD	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
4,4'-DDE	0.173	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
4,4'-DDT	0.0225	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Dieldrin	0.00897	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Endosulfan I	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

ANALYTICAL SAMPLE RESULTS

Organochlorine Pesticides by EPA 8081B

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP3-1.0-1.5 (A5B1580-06RE1)				Matrix: Soil		Batch: 25C0286		C-05, PRO
Endosulfan II	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Endosulfan sulfate	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Endrin	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Endrin aldehyde	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Endrin ketone	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Heptachlor	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Heptachlor epoxide	ND	---	0.00177	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Methoxychlor	ND	---	0.00531	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Chlordane (Technical)	ND	---	0.0531	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
Toxaphene (Total)	ND	---	0.0531	mg/kg dry	1	03/10/25 14:23	EPA 8081B	
<i>Surrogate: 2,4,5,6-TCMX (Surr)</i>			<i>Recovery: 66 %</i>	<i>Limits: 42-129 %</i>	<i>1</i>	<i>03/10/25 14:23</i>	<i>EPA 8081B</i>	
<i>Decachlorobiphenyl (Surr)</i>			<i>88 %</i>	<i>55-130 %</i>	<i>1</i>	<i>03/10/25 14:23</i>	<i>EPA 8081B</i>	
COMP4-1.5-2.0 (A5B1580-08RE1)				Matrix: Soil		Batch: 25C0286		C-05, PRO
Aldrin	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
alpha-BHC	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
beta-BHC	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
delta-BHC	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
gamma-BHC (Lindane)	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
cis-Chlordane	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
trans-Chlordane	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
4,4'-DDD	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
4,4'-DDE	0.131	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
4,4'-DDT	0.0199	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Dieldrin	0.00802	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Endosulfan I	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Endosulfan II	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Endosulfan sulfate	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Endrin	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Endrin aldehyde	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Endrin ketone	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Heptachlor	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Heptachlor epoxide	ND	---	0.00178	mg/kg dry	1	03/10/25 14:39	EPA 8081B	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Organochlorine Pesticides by EPA 8081B

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP4-1.5-2.0 (A5B1580-08RE1)				Matrix: Soil		Batch: 25C0286		C-05, PRO
Methoxychlor	ND	---	0.00534	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Chlordane (Technical)	ND	---	0.0534	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
Toxaphene (Total)	ND	---	0.0534	mg/kg dry	1	03/10/25 14:39	EPA 8081B	
<i>Surrogate: 2,4,5,6-TCMX (Surr)</i>		<i>Recovery: 76 %</i>		<i>Limits: 42-129 %</i>		<i>1</i>	<i>03/10/25 14:39</i>	<i>EPA 8081B</i>
<i>Decachlorobiphenyl (Surr)</i>		<i>102 %</i>		<i>55-130 %</i>		<i>1</i>	<i>03/10/25 14:39</i>	<i>EPA 8081B</i>
COMP5-2.0-3.0 (A5B1580-10RE1)				Matrix: Soil		Batch: 25C0286		C-05, PRO
Aldrin	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
alpha-BHC	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
beta-BHC	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
delta-BHC	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
gamma-BHC (Lindane)	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
cis-Chlordane	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
trans-Chlordane	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
4,4'-DDD	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
4,4'-DDE	0.130	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
4,4'-DDT	0.0273	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Dieldrin	0.00722	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Endosulfan I	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Endosulfan II	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Endosulfan sulfate	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Endrin	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Endrin aldehyde	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Endrin ketone	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Heptachlor	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Heptachlor epoxide	ND	---	0.00182	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Methoxychlor	ND	---	0.00547	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Chlordane (Technical)	ND	---	0.0547	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
Toxaphene (Total)	ND	---	0.0547	mg/kg dry	1	03/10/25 14:55	EPA 8081B	
<i>Surrogate: 2,4,5,6-TCMX (Surr)</i>		<i>Recovery: 81 %</i>		<i>Limits: 42-129 %</i>		<i>1</i>	<i>03/10/25 14:55</i>	<i>EPA 8081B</i>
<i>Decachlorobiphenyl (Surr)</i>		<i>101 %</i>		<i>55-130 %</i>		<i>1</i>	<i>03/10/25 14:55</i>	<i>EPA 8081B</i>

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Darwin Thomas, Business Development Director



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
COMP1-0.0-0.5 (A5B1580-02RE1)				Matrix: Soil		Batch: 25C0311		PRO	
Azinphos methyl (Guthion)	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Chlorpyrifos	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Coumaphos	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Demeton O	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Demeton S	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Diazinon	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Dichlorvos	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Dimethoate	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Disulfoton	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
EPN	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Ethoprop	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Fensulfothion	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Fenthion	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Malathion	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Merphos	ND	---	0.343	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs	R-02	
Methyl parathion	ND	---	0.0588	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs	R-02	
Mevinphos (Phosdrin)	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Monocrotophos	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Naled (Dibrom)	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Parathion, ethyl	ND	---	0.0793	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs	R-02	
Phorate	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Ronnel (Fenchlorphos)	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Sulfotep	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Sulprofos (Bolstar)	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
TEPP	ND	---	0.178	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Tetrachlorvinphos (Rabon)	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Tokuthion (Prothiofos)	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
Trichloronate	ND	---	0.0446	mg/kg dry	1	03/07/25 21:40	EPA 8270E OPPs		
<i>Surrogate: Tributyl phosphate (Surr)</i>		<i>Recovery: 7 %</i>		<i>Limits: 10-136 %</i>		<i>1</i>	<i>03/07/25 21:40</i>	<i>EPA 8270E OPPs</i>	<i>S-03</i>
<i>Triphenyl phosphate (Surr)</i>		<i>23 %</i>		<i>34-121 %</i>		<i>1</i>	<i>03/07/25 21:40</i>	<i>EPA 8270E OPPs</i>	<i>S-03</i>

COMP2-0.5-1.0 (A5B1580-04RE1)				Matrix: Soil		Batch: 25C0311		PRO
Azinphos methyl (Guthion)	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP2-0.5-1.0 (A5B1580-04RE1)				Matrix: Soil		Batch: 25C0311		PRO
Chlorpyrifos	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Coumaphos	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Demeton O	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Demeton S	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Diazinon	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Dichlorvos	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Dimethoate	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Disulfoton	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
EPN	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Ethoprop	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Fensulfothion	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Fenthion	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Malathion	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Merphos	ND	---	0.207	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	R-02
Methyl parathion	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Mevinphos (Phosdrin)	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Monocrotophos	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Naled (Dibrom)	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Parathion, ethyl	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Phorate	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Ronnel (Fenclorphos)	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Sulfotep	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Sulprofos (Bolstar)	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
TEPP	ND	---	0.189	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Tetrachlorvinphos (Rabon)	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Tokuthion (Prothiofos)	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
Trichloronate	ND	---	0.0474	mg/kg dry	1	03/07/25 23:51	EPA 8270E OPPs	
<i>Surrogate: Tributyl phosphate (Surr)</i>		<i>Recovery: 8 %</i>		<i>Limits: 10-136 %</i>	<i>1</i>	<i>03/07/25 23:51</i>	<i>EPA 8270E OPPs</i>	<i>S-03</i>
<i>Triphenyl phosphate (Surr)</i>		<i>24 %</i>		<i>34-121 %</i>	<i>1</i>	<i>03/07/25 23:51</i>	<i>EPA 8270E OPPs</i>	<i>S-03</i>

COMP3-1.0-1.5 (A5B1580-06RE1)				Matrix: Soil		Batch: 25C0311		PRO
Azinphos methyl (Guthion)	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Chlorpyrifos	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP3-1.0-1.5 (A5B1580-06RE1)				Matrix: Soil		Batch: 25C0311		PRO
Coumaphos	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Demeton O	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Demeton S	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Diazinon	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Dichlorvos	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Dimethoate	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Disulfoton	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
EPN	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Ethoprop	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Fensulfothion	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Fenthion	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Malathion	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Merphos	ND	---	0.189	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	R-02
Methyl parathion	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Mevinphos (Phosdrin)	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Monocrotophos	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Naled (Dibrom)	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Parathion, ethyl	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Phorate	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Ronnel (Fenchlorphos)	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Sulfotep	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Sulprofos (Bolstar)	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
TEPP	ND	---	0.187	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Tetrachlorvinphos (Rabon)	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Tokuthion (Prothiofos)	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
Trichloronate	ND	---	0.0468	mg/kg dry	1	03/08/25 00:24	EPA 8270E OPPs	
<i>Surrogate: Tributyl phosphate (Surr)</i>			<i>Recovery: 8 %</i>	<i>Limits: 10-136 %</i>	<i>1</i>	<i>03/08/25 00:24</i>	<i>EPA 8270E OPPs</i>	<i>S-03</i>
<i>Triphenyl phosphate (Surr)</i>			<i>25 %</i>	<i>34-121 %</i>	<i>1</i>	<i>03/08/25 00:24</i>	<i>EPA 8270E OPPs</i>	<i>S-03</i>

COMP4-1.5-2.0 (A5B1580-08RE1)				Matrix: Soil		Batch: 25C0311		PRO
Azinphos methyl (Guthion)	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Chlorpyrifos	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Coumaphos	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP4-1.5-2.0 (A5B1580-08RE1)				Matrix: Soil		Batch: 25C0311		PRO
Demeton O	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Demeton S	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Diazinon	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Dichlorvos	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Dimethoate	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Disulfoton	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
EPN	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Ethoprop	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Fensulfothion	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Fenthion	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Malathion	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Merphos	ND	---	0.156	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	R-02
Methyl parathion	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Mevinphos (Phosdrin)	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Monocrotophos	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Naled (Dibrom)	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Parathion, ethyl	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Phorate	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Ronnel (Fenclorpos)	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Sulfotep	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Sulprofos (Bolstar)	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
TEPP	ND	---	0.182	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Tetrachlorvinphos (Rabon)	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	Q-42
Tokuthion (Prothiofos)	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
Trichloronate	ND	---	0.0455	mg/kg dry	1	03/07/25 22:46	EPA 8270E OPPs	
<i>Surrogate: Tributyl phosphate (Surr)</i>			Recovery: 7 %	Limits: 10-136 %	1	03/07/25 22:46	EPA 8270E OPPs	S-03
<i>Triphenyl phosphate (Surr)</i>			19 %	34-121 %	1	03/07/25 22:46	EPA 8270E OPPs	S-03

COMP5-2.0-3.0 (A5B1580-10)				Matrix: Soil		Batch: 25C0045		PRO
Azinphos methyl (Guthion)	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Chlorpyrifos	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Coumaphos	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Demeton O	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP5-2.0-3.0 (A5B1580-10)				Matrix: Soil		Batch: 25C0045		PRO
Demeton S	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Diazinon	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Dichlorvos	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Dimethoate	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Disulfoton	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
EPN	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Ethoprop	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Fensulfothion	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Fenthion	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Malathion	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Merphos	ND	---	0.0508	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	R-02
Methyl parathion	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Mevinphos (Phosdrin)	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Monocrotophos	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Naled (Dibrom)	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Parathion, ethyl	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Phorate	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Ronnel (Fenclorophos)	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Sulfotep	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Sulprofos (Bolstar)	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
TEPP	ND	---	0.181	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Tetrachlorvinphos (Rabon)	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Tokuthion (Prothiofos)	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
Trichloronate	ND	---	0.0453	mg/kg dry	1	03/04/25 01:46	EPA 8270E OPPs	
<i>Surrogate: Tributyl phosphate (Surr)</i>			<i>Recovery: 10 %</i>	<i>Limits: 10-136 %</i>	<i>1</i>	<i>03/04/25 01:46</i>	<i>EPA 8270E OPPs</i>	
<i>Triphenyl phosphate (Surr)</i>			<i>42 %</i>	<i>34-121 %</i>	<i>1</i>	<i>03/04/25 01:46</i>	<i>EPA 8270E OPPs</i>	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
COMP1-0.0-0.5 (A5B1580-02)				Matrix: Soil				
Batch: 25C0469								
Antimony	ND	---	1.05	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Arsenic	66.6	---	1.05	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Barium	213	---	1.05	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Beryllium	0.640	---	0.210	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Cadmium	ND	---	0.210	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Chromium	87.1	---	1.05	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Cobalt	35.5	---	1.05	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Copper	33.5	---	2.10	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Lead	301	---	0.210	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Mercury	ND	---	0.0841	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Molybdenum	ND	---	1.05	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Nickel	36.0	---	2.10	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Selenium	ND	---	1.05	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Silver	ND	---	0.210	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Thallium	ND	---	0.210	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Vanadium	60.9	---	2.10	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
Zinc	48.2	---	4.21	mg/kg dry	10	03/12/25 17:20	EPA 6020B	PRO
COMP2-0.5-1.0 (A5B1580-04)				Matrix: Soil				
Batch: 25C0469								
Antimony	ND	---	1.02	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Arsenic	35.2	---	1.02	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Barium	218	---	1.02	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Beryllium	0.675	---	0.205	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Cadmium	ND	---	0.205	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Chromium	76.6	---	1.02	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Cobalt	35.3	---	1.02	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Copper	28.0	---	2.05	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Lead	161	---	0.205	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Mercury	ND	---	0.0819	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Molybdenum	ND	---	1.02	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Nickel	34.6	---	2.05	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO
Selenium	ND	---	1.02	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO

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ANALYTICAL REPORT

Apex Laboratories, LLC

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
COMP2-0.5-1.0 (A5B1580-04)				Matrix: Soil					
Silver	ND	---	0.205	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO	
Thallium	ND	---	0.205	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO	
Vanadium	56.2	---	2.05	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO	
Zinc	37.7	---	4.09	mg/kg dry	10	03/12/25 17:36	EPA 6020B	PRO	
COMP3-1.0-1.5 (A5B1580-06)				Matrix: Soil					
Batch: 25C0469									
Antimony	ND	---	1.08	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Arsenic	12.1	---	1.08	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Barium	226	---	1.08	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Beryllium	0.601	---	0.216	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Cadmium	ND	---	0.216	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Chromium	60.9	---	1.08	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Cobalt	34.6	---	1.08	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Copper	22.4	---	2.16	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Lead	45.3	---	0.216	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Mercury	ND	---	0.0864	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Molybdenum	ND	---	1.08	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Nickel	32.5	---	2.16	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Selenium	ND	---	1.08	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Silver	ND	---	0.216	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Thallium	ND	---	0.216	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Vanadium	61.8	---	2.16	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
Zinc	28.6	---	4.32	mg/kg dry	10	03/12/25 17:42	EPA 6020B	PRO	
COMP4-1.5-2.0 (A5B1580-08)				Matrix: Soil					
Batch: 25C0469									
Antimony	ND	---	1.16	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Arsenic	8.79	---	1.16	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Barium	219	---	1.16	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Beryllium	0.601	---	0.232	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Cadmium	ND	---	0.232	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Chromium	80.7	---	1.16	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Cobalt	35.0	---	1.16	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
COMP4-1.5-2.0 (A5B1580-08)				Matrix: Soil					
Copper	25.5	---	2.32	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Lead	34.8	---	0.232	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Mercury	ND	---	0.0930	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Molybdenum	ND	---	1.16	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Nickel	34.7	---	2.32	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Selenium	ND	---	1.16	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Silver	ND	---	0.232	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Thallium	ND	---	0.232	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Vanadium	64.5	---	2.32	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
Zinc	36.1	---	4.65	mg/kg dry	10	03/12/25 17:47	EPA 6020B	PRO	
COMP5-2.0-3.0 (A5B1580-10)				Matrix: Soil					
Batch: 25C0469									
Antimony	ND	---	1.14	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Arsenic	6.39	---	1.14	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Barium	228	---	1.14	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Beryllium	0.560	---	0.227	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Cadmium	ND	---	0.227	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Chromium	64.9	---	1.14	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Cobalt	32.4	---	1.14	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Copper	24.5	---	2.27	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Lead	29.6	---	0.227	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Mercury	ND	---	0.0909	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Molybdenum	ND	---	1.14	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Nickel	33.2	---	2.27	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Selenium	ND	---	1.14	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Silver	ND	---	0.227	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Thallium	ND	---	0.227	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Vanadium	62.9	---	2.27	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	
Zinc	32.5	---	4.55	mg/kg dry	10	03/12/25 17:52	EPA 6020B	PRO	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight									
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
COMP1-0.0-0.5 (A5B1580-02)				Matrix: Soil		Batch: 25C0096		PRO	
% Solids	95.7	---	1.00	%	1	03/05/25 05:18	EPA 8000D		
COMP2-0.5-1.0 (A5B1580-04)				Matrix: Soil		Batch: 25C0096		PRO	
% Solids	95.8	---	1.00	%	1	03/05/25 05:18	EPA 8000D		
COMP3-1.0-1.5 (A5B1580-06)				Matrix: Soil		Batch: 25C0096		PRO	
% Solids	95.9	---	1.00	%	1	03/05/25 05:18	EPA 8000D		
COMP4-1.5-2.0 (A5B1580-08)				Matrix: Soil		Batch: 25C0096		PRO	
% Solids	95.2	---	1.00	%	1	03/05/25 05:18	EPA 8000D		
COMP5-2.0-3.0 (A5B1580-10)				Matrix: Soil		Batch: 25C0096		PRO	
% Solids	94.0	---	1.00	%	1	03/05/25 05:18	EPA 8000D		

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Darwin Thomas, Business Development Director



ANALYTICAL REPORT

Apex Laboratories, LLC

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Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Organochlorine Pesticides by EPA 8081B

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 25C0286 - EPA 3546/3640A (GPC)						Soil							
Blank (25C0286-BLK1)			Prepared: 03/04/25 10:48 Analyzed: 03/10/25 14:25						C-05				
<u>EPA 8081B</u>													
Aldrin	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
alpha-BHC	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
beta-BHC	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
delta-BHC	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
gamma-BHC (Lindane)	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
cis-Chlordane	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
trans-Chlordane	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
4,4'-DDD	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
4,4'-DDE	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
4,4'-DDT	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Dieldrin	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Endosulfan I	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Endosulfan II	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Endosulfan sulfate	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Endrin	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Endrin aldehyde	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Endrin ketone	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Heptachlor	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Heptachlor epoxide	ND	---	0.00200	mg/kg wet	1	---	---	---	---	---	---		
Methoxychlor	ND	---	0.00600	mg/kg wet	1	---	---	---	---	---	---		
Chlordane (Technical)	ND	---	0.0600	mg/kg wet	1	---	---	---	---	---	---		
Toxaphene (Total)	ND	---	0.0600	mg/kg wet	1	---	---	---	---	---	---		
<i>Surr: 2,4,5,6-TCMX (Surr)</i>		<i>Recovery: 83 %</i>		<i>Limits: 42-129 %</i>		<i>Dilution: 1x</i>							
<i>Decachlorobiphenyl (Surr)</i>		<i>96 %</i>		<i>55-130 %</i>		<i>"</i>							

LCS (25C0286-BS1)			Prepared: 03/04/25 10:48 Analyzed: 03/10/25 14:42						C-05				
<u>EPA 8081B</u>													
Aldrin	0.0411	---	0.00200	mg/kg wet	1	0.0500	---	82	45-136%	---	---		
alpha-BHC	0.0426	---	0.00200	mg/kg wet	1	0.0500	---	85	45-137%	---	---		
beta-BHC	0.0422	---	0.00200	mg/kg wet	1	0.0500	---	84	50-136%	---	---		
delta-BHC	0.0439	---	0.00200	mg/kg wet	1	0.0500	---	88	47-139%	---	---		
gamma-BHC (Lindane)	0.0433	---	0.00200	mg/kg wet	1	0.0500	---	87	49-135%	---	---		
cis-Chlordane	0.0470	---	0.00200	mg/kg wet	1	0.0500	---	94	54-133%	---	---		

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Organochlorine Pesticides by EPA 8081B

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0286 - EPA 3546/3640A (GPC)						Soil						
LCS (25C0286-BS1)			Prepared: 03/04/25 10:48				Analyzed: 03/10/25 14:42				C-05	
trans-Chlordane	0.0446	---	0.00200	mg/kg wet	1	0.0500	---	89	53-135%	---	---	
4,4'-DDD	0.0473	---	0.00200	mg/kg wet	1	0.0500	---	95	56-139%	---	---	
4,4'-DDE	0.0476	---	0.00200	mg/kg wet	1	0.0500	---	95	56-134%	---	---	
4,4'-DDT	0.0536	---	0.00200	mg/kg wet	1	0.0500	---	107	50-141%	---	---	
Dieldrin	0.0483	---	0.00200	mg/kg wet	1	0.0500	---	97	56-136%	---	---	
Endosulfan I	0.0454	---	0.00200	mg/kg wet	1	0.0500	---	91	53-132%	---	---	
Endosulfan II	0.0488	---	0.00200	mg/kg wet	1	0.0500	---	98	53-134%	---	---	
Endosulfan sulfate	0.0489	---	0.00200	mg/kg wet	1	0.0500	---	98	55-136%	---	---	
Endrin	0.0503	---	0.00200	mg/kg wet	1	0.0500	---	101	57-140%	---	---	
Endrin aldehyde	0.0432	---	0.00200	mg/kg wet	1	0.0500	---	86	35-137%	---	---	
Endrin ketone	0.0508	---	0.00200	mg/kg wet	1	0.0500	---	102	55-136%	---	---	
Heptachlor	0.0435	---	0.00200	mg/kg wet	1	0.0500	---	87	47-136%	---	---	
Heptachlor epoxide	0.0441	---	0.00200	mg/kg wet	1	0.0500	---	88	52-136%	---	---	
Methoxychlor	0.0596	---	0.00600	mg/kg wet	1	0.0500	---	119	52-143%	---	---	

Surr: 2,4,5,6-TCMX (Surr) Recovery: 87 % Limits: 42-129 % Dilution: 1x
Decachlorobiphenyl (Surr) 95 % 55-130 % "

Duplicate (25C0286-DUP1) Prepared: 03/04/25 10:48 Analyzed: 03/10/25 15:16 **C-05**

QC Source Sample: Non-SDG (A5B1387-01RE1)

Aldrin	ND	---	0.00279	mg/kg dry	1	---	ND	---	---	---	30%	R-02
alpha-BHC	ND	---	0.00186	mg/kg dry	1	---	ND	---	---	---	30%	
beta-BHC	ND	---	0.00251	mg/kg dry	1	---	ND	---	---	---	30%	R-02
delta-BHC	ND	---	0.00186	mg/kg dry	1	---	ND	---	---	---	30%	
gamma-BHC (Lindane)	ND	---	0.00186	mg/kg dry	1	---	ND	---	---	---	30%	
cis-Chlordane	ND	---	0.00428	mg/kg dry	1	---	ND	---	---	---	30%	R-02
trans-Chlordane	ND	---	0.00595	mg/kg dry	1	---	ND	---	---	---	30%	R-02
4,4'-DDD	ND	---	0.0159	mg/kg dry	1	---	ND	---	---	---	30%	R-02
4,4'-DDE	ND	---	0.00586	mg/kg dry	1	---	ND	---	---	---	30%	R-02
4,4'-DDT	ND	---	0.00800	mg/kg dry	1	---	ND	---	---	---	30%	R-02
Dieldrin	ND	---	0.00883	mg/kg dry	1	---	ND	---	---	---	30%	R-02
Endosulfan sulfate	0.144	---	0.00186	mg/kg dry	1	---	0.156	---	---	8	30%	
Endrin	ND	---	0.0189	mg/kg dry	1	---	ND	---	---	---	30%	R-02
Endrin aldehyde	ND	---	0.00670	mg/kg dry	1	---	ND	---	---	---	30%	R-02
Endrin ketone	ND	---	0.00456	mg/kg dry	1	---	ND	---	---	---	30%	R-02

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ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Organochlorine Pesticides by EPA 8081B

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 25C0286 - EPA 3546/3640A (GPC)						Soil							
Duplicate (25C0286-DUP1)			Prepared: 03/04/25 10:48 Analyzed: 03/10/25 15:16						C-05				
QC Source Sample: Non-SDG (A5B1387-01RE1)													
Heptachlor	ND	---	0.00279	mg/kg dry	1	---	ND	---	---	---	30%	R-02	
Heptachlor epoxide	ND	---	0.00446	mg/kg dry	1	---	ND	---	---	---	30%	R-02	
Methoxychlor	ND	---	0.0151	mg/kg dry	1	---	ND	---	---	---	30%	R-02	
Chlordane (Technical)	ND	---	0.0728	mg/kg dry	1	---	ND	---	---	---	30%	R-02	
Toxaphene (Total)	ND	---	0.259	mg/kg dry	1	---	ND	---	---	---	30%		
<i>Surr: 2,4,5,6-TCMX (Surr)</i>		<i>Recovery: 95 %</i>		<i>Limits: 42-129 %</i>		<i>Dilution: 1x</i>							
<i>Decachlorobiphenyl (Surr)</i>		<i>99 %</i>		<i>55-130 %</i>		"							
Duplicate (25C0286-DUP2)			Prepared: 03/04/25 10:48 Analyzed: 03/10/25 16:59						C-05				
QC Source Sample: Non-SDG (A5B1387-01RE2)													
Endosulfan I	3.05	---	0.0930	mg/kg dry	50	---	2.86	---	---	6	30%		
Endosulfan II	2.22	---	0.0930	mg/kg dry	50	---	2.26	---	---	2	30%		
Matrix Spike (25C0286-MS1)			Prepared: 03/04/25 10:48 Analyzed: 03/10/25 16:25						C-05, PRO				
QC Source Sample: Non-SDG (A5B1666-10RE1)													
EPA 8081B													
Aldrin	0.0367	---	0.00176	mg/kg dry	1	0.0439	ND	84	45-136%	---	---		
alpha-BHC	0.0396	---	0.00176	mg/kg dry	1	0.0439	ND	90	45-137%	---	---		
beta-BHC	0.0382	---	0.00176	mg/kg dry	1	0.0439	ND	87	50-136%	---	---		
delta-BHC	0.0433	---	0.00176	mg/kg dry	1	0.0439	ND	99	47-139%	---	---		
gamma-BHC (Lindane)	0.0399	---	0.00176	mg/kg dry	1	0.0439	ND	91	49-135%	---	---		
cis-Chlordane	0.0394	---	0.00176	mg/kg dry	1	0.0439	ND	90	54-133%	---	---		
trans-Chlordane	0.0378	---	0.00176	mg/kg dry	1	0.0439	ND	86	53-135%	---	---		
4,4'-DDD	0.0435	---	0.00176	mg/kg dry	1	0.0439	ND	99	56-139%	---	---		
4,4'-DDE	0.0449	---	0.00176	mg/kg dry	1	0.0439	0.00241	97	56-134%	---	---		
4,4'-DDT	0.0495	---	0.00176	mg/kg dry	1	0.0439	0.00150	109	50-141%	---	---		
Dieldrin	0.0654	---	0.00176	mg/kg dry	1	0.0439	0.0298	81	56-136%	---	---		
Endosulfan I	0.0410	---	0.00176	mg/kg dry	1	0.0439	ND	93	53-132%	---	---		
Endosulfan II	0.0449	---	0.00176	mg/kg dry	1	0.0439	ND	102	53-134%	---	---		
Endosulfan sulfate	0.0425	---	0.00176	mg/kg dry	1	0.0439	ND	97	55-136%	---	---		
Endrin	0.0462	---	0.00176	mg/kg dry	1	0.0439	ND	105	57-140%	---	---		
Endrin aldehyde	0.0428	---	0.00176	mg/kg dry	1	0.0439	ND	97	35-137%	---	---		

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ANALYTICAL REPORT

Apex Laboratories, LLC

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Organochlorine Pesticides by EPA 8081B

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 25C0286 - EPA 3546/3640A (GPC)						Soil							
Matrix Spike (25C0286-MS1)			Prepared: 03/04/25 10:48 Analyzed: 03/10/25 16:25						C-05, PRO				
QC Source Sample: Non-SDG (A5B1666-10RE1)													
Endrin ketone	0.0430	---	0.00176	mg/kg dry	1	0.0439	ND	98	55-136%	---	---		
Heptachlor	0.0402	---	0.00176	mg/kg dry	1	0.0439	ND	91	47-136%	---	---		
Heptachlor epoxide	0.0385	---	0.00176	mg/kg dry	1	0.0439	ND	88	52-136%	---	---		
Methoxychlor	0.0574	---	0.00527	mg/kg dry	1	0.0439	ND	131	52-143%	---	---		
<i>Surr: 2,4,5,6-TCMX (Surr)</i>		<i>Recovery: 89 %</i>		<i>Limits: 42-129 %</i>		<i>Dilution: 1x</i>							
<i>Decachlorobiphenyl (Surr)</i>		<i>99 %</i>		<i>55-130 %</i>		"							

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Darwin Thomas, Business Development Director



ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0045 - EPA 3546						Soil						
Blank (25C0045-BLK1)			Prepared: 03/03/25 11:18 Analyzed: 03/03/25 16:56									
<u>EPA 8270E OPPs</u>												
Azinphos methyl (Guthion)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Chlorpyrifos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Coumaphos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Demeton O	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Demeton S	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Diazinon	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Dichlorvos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Dimethoate	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Disulfoton	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
EPN	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Ethoprop	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Fensulfothion	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Fenthion	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Malathion	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Merphos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Methyl parathion	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Mevinphos (Phosdrin)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Monocrotophos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Naled (Dibrom)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Parathion, ethyl	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Phorate	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Ronnel (Fenchlorphos)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Sulfotep	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Sulprofos (Bolstar)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
TEPP	ND	---	0.200	mg/kg wet	1	---	---	---	---	---	---	---
Tetrachlorvinphos (Rabon)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Tokuthion (Prothiofos)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
Trichloronate	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	---
<i>Surr: Tributyl phosphate (Surr)</i>		<i>Recovery: 65 %</i>		<i>Limits: 10-136 %</i>		<i>Dilution: 1x</i>						
<i>Triphenyl phosphate (Surr)</i>		<i>78 %</i>		<i>34-121 %</i>		<i>"</i>						

LCS (25C0045-BS1) Prepared: 03/03/25 11:18 Analyzed: 03/03/25 17:30

EPA 8270E OPPs

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0045 - EPA 3546						Soil						
LCS (25C0045-BS1)			Prepared: 03/03/25 11:18 Analyzed: 03/03/25 17:30									
Azinphos methyl (Guthion)	0.343	---	0.0500	mg/kg wet	1	0.400	---	86	38-156%	---	---	
Chlorpyrifos	0.395	---	0.0500	mg/kg wet	1	0.400	---	99	47-140%	---	---	
Coumaphos	0.364	---	0.0500	mg/kg wet	1	0.400	---	91	37-160%	---	---	
Demeton O	0.164	---	0.0500	mg/kg wet	1	0.184	---	89	66-127%	---	---	
Demeton S	0.184	---	0.0500	mg/kg wet	1	0.194	---	95	70-121%	---	---	
Diazinon	0.374	---	0.0500	mg/kg wet	1	0.400	---	94	42-134%	---	---	
Dichlorvos	0.363	---	0.0500	mg/kg wet	1	0.400	---	91	39-142%	---	---	Q-41
Dimethoate	0.351	---	0.0500	mg/kg wet	1	0.400	---	88	16-139%	---	---	
Disulfoton	0.371	---	0.0500	mg/kg wet	1	0.400	---	93	28-145%	---	---	
EPN	0.383	---	0.0500	mg/kg wet	1	0.400	---	96	44-137%	---	---	
Ethoprop	0.368	---	0.0500	mg/kg wet	1	0.400	---	92	47-128%	---	---	
Fensulfthion	0.356	---	0.0500	mg/kg wet	1	0.400	---	89	27-147%	---	---	
Fenthion	0.381	---	0.0500	mg/kg wet	1	0.400	---	95	44-134%	---	---	
Malathion	0.357	---	0.0500	mg/kg wet	1	0.400	---	89	46-137%	---	---	
Merphos	0.387	---	0.0500	mg/kg wet	1	0.400	---	97	66-131%	---	---	
Methyl parathion	0.360	---	0.0500	mg/kg wet	1	0.400	---	90	49-138%	---	---	
Mevinphos (Phosdrin)	0.331	---	0.0500	mg/kg wet	1	0.400	---	83	12-176%	---	---	
Monocrotophos	0.353	---	0.0500	mg/kg wet	1	0.400	---	88	10-153%	---	---	
Naled (Dibrom)	0.290	---	0.0500	mg/kg wet	1	0.400	---	72	10-174%	---	---	
Parathion, ethyl	0.394	---	0.0500	mg/kg wet	1	0.400	---	99	50-139%	---	---	
Phorate	0.381	---	0.0500	mg/kg wet	1	0.400	---	95	23-142%	---	---	
Ronnel (Fenchlorphos)	0.394	---	0.0500	mg/kg wet	1	0.400	---	98	45-138%	---	---	
Sulfotep	0.389	---	0.0500	mg/kg wet	1	0.400	---	97	52-126%	---	---	
Sulprofos (Bolstar)	0.365	---	0.0500	mg/kg wet	1	0.400	---	91	48-139%	---	---	
TEPP	0.259	---	0.200	mg/kg wet	1	0.400	---	65	16-126%	---	---	
Tetrachlorvinphos (Rabon)	0.353	---	0.0500	mg/kg wet	1	0.400	---	88	54-129%	---	---	
Tokuthion (Prothiofos)	0.357	---	0.0500	mg/kg wet	1	0.400	---	89	45-136%	---	---	
Trichloronate	0.391	---	0.0500	mg/kg wet	1	0.400	---	98	37-140%	---	---	
<i>Surr: Tributyl phosphate (Surr)</i>		<i>Recovery: 82 %</i>		<i>Limits: 10-136 %</i>		<i>Dilution: 1x</i>						
<i>Triphenyl phosphate (Surr)</i>		<i>88 %</i>		<i>34-121 %</i>		<i>"</i>						

LCS Dup (25C0045-BSD1)			Prepared: 03/03/25 11:18 Analyzed: 03/03/25 18:03									Q-19
EPA 8270E OPPs												
Azinphos methyl (Guthion)	0.349	---	0.0500	mg/kg wet	1	0.400	---	87	38-156%	2	30%	

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ANALYTICAL REPORT

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6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0045 - EPA 3546						Soil						
LCS Dup (25C0045-BSD1)						Prepared: 03/03/25 11:18 Analyzed: 03/03/25 18:03						Q-19
Chlorpyrifos	0.382	---	0.0500	mg/kg wet	1	0.400	---	96	47-140%	3	30%	
Coumaphos	0.371	---	0.0500	mg/kg wet	1	0.400	---	93	37-160%	2	30%	
Demeton O	0.158	---	0.0500	mg/kg wet	1	0.184	---	86	66-127%	3	30%	
Demeton S	0.184	---	0.0500	mg/kg wet	1	0.194	---	95	70-121%	0.1	30%	
Diazinon	0.376	---	0.0500	mg/kg wet	1	0.400	---	94	42-134%	0.6	30%	
Dichlorvos	0.381	---	0.0500	mg/kg wet	1	0.400	---	95	39-142%	5	30%	Q-41
Dimethoate	0.354	---	0.0500	mg/kg wet	1	0.400	---	88	16-139%	0.8	30%	
Disulfoton	0.373	---	0.0500	mg/kg wet	1	0.400	---	93	28-145%	0.6	30%	
EPN	0.376	---	0.0500	mg/kg wet	1	0.400	---	94	44-137%	2	30%	
Ethoprop	0.369	---	0.0500	mg/kg wet	1	0.400	---	92	47-128%	0.2	30%	
Fensulfthion	0.371	---	0.0500	mg/kg wet	1	0.400	---	93	27-147%	4	30%	
Fenthion	0.376	---	0.0500	mg/kg wet	1	0.400	---	94	44-134%	1	30%	
Malathion	0.367	---	0.0500	mg/kg wet	1	0.400	---	92	46-137%	3	30%	
Merphos	0.384	---	0.0500	mg/kg wet	1	0.400	---	96	66-131%	0.8	30%	
Methyl parathion	0.359	---	0.0500	mg/kg wet	1	0.400	---	90	49-138%	0.07	30%	
Mevinphos (Phosdrin)	0.338	---	0.0500	mg/kg wet	1	0.400	---	84	12-176%	2	30%	
Monocrotophos	0.369	---	0.0500	mg/kg wet	1	0.400	---	92	10-153%	4	30%	
Naled (Dibrom)	0.293	---	0.0500	mg/kg wet	1	0.400	---	73	10-174%	1	30%	
Parathion, ethyl	0.376	---	0.0500	mg/kg wet	1	0.400	---	94	50-139%	5	30%	
Phorate	0.386	---	0.0500	mg/kg wet	1	0.400	---	97	23-142%	1	30%	
Ronnel (Fenchlorphos)	0.387	---	0.0500	mg/kg wet	1	0.400	---	97	45-138%	2	30%	
Sulfotep	0.392	---	0.0500	mg/kg wet	1	0.400	---	98	52-126%	0.9	30%	
Sulprofos (Bolstar)	0.376	---	0.0500	mg/kg wet	1	0.400	---	94	48-139%	3	30%	
TEPP	0.293	---	0.200	mg/kg wet	1	0.400	---	73	16-126%	12	30%	
Tetrachlorvinphos (Rabon)	0.354	---	0.0500	mg/kg wet	1	0.400	---	88	54-129%	0.2	30%	
Tokuthion (Prothiofos)	0.358	---	0.0500	mg/kg wet	1	0.400	---	89	45-136%	0.09	30%	
Trichloronate	0.392	---	0.0500	mg/kg wet	1	0.400	---	98	37-140%	0.3	30%	
<i>Surr: Tributyl phosphate (Surr)</i>		<i>Recovery: 86 %</i>		<i>Limits: 10-136 %</i>		<i>Dilution: 1x</i>						
<i>Triphenyl phosphate (Surr)</i>		<i>93 %</i>		<i>34-121 %</i>		<i>"</i>						

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ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0311 - EPA 3546						Soil						
Blank (25C0311-BLK1)			Prepared: 03/07/25 15:23 Analyzed: 03/07/25 20:35									
<u>EPA 8270E OPPs</u>												
Azinphos methyl (Guthion)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Chlorpyrifos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Coumaphos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Demeton O	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Demeton S	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Diazinon	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Dichlorvos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Dimethoate	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Disulfoton	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
EPN	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Ethoprop	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Fensulfothion	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Fenthion	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Malathion	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Merphos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Methyl parathion	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Mevinphos (Phosdrin)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Monocrotophos	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Naled (Dibrom)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Parathion, ethyl	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Phorate	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Ronnel (Fenchlorphos)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Sulfotep	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Sulprofos (Bolstar)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
TEPP	ND	---	0.200	mg/kg wet	1	---	---	---	---	---	---	
Tetrachlorvinphos (Rabon)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Tokuthion (Prothiofos)	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
Trichloronate	ND	---	0.0500	mg/kg wet	1	---	---	---	---	---	---	
<i>Surr: Tributyl phosphate (Surr)</i>		<i>Recovery: 67 %</i>		<i>Limits: 10-136 %</i>		<i>Dilution: 1x</i>						
<i>Triphenyl phosphate (Surr)</i>		<i>75 %</i>		<i>34-121 %</i>		<i>"</i>						

LCS (25C0311-BS1) Prepared: 03/07/25 15:23 Analyzed: 03/07/25 21:08

EPA 8270E OPPs

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ANALYTICAL REPORT

Apex Laboratories, LLC

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0311 - EPA 3546						Soil						
LCS (25C0311-BS1)			Prepared: 03/07/25 15:23			Analyzed: 03/07/25 21:08						
Azinphos methyl (Guthion)	0.395	---	0.0500	mg/kg wet	1	0.400	---	99	38-156%	---	---	
Chlorpyrifos	0.395	---	0.0500	mg/kg wet	1	0.400	---	99	47-140%	---	---	
Coumaphos	0.405	---	0.0500	mg/kg wet	1	0.400	---	101	37-160%	---	---	
Demeton O	0.179	---	0.0500	mg/kg wet	1	0.184	---	97	66-127%	---	---	
Demeton S	0.184	---	0.0500	mg/kg wet	1	0.194	---	95	70-121%	---	---	
Diazinon	0.389	---	0.0500	mg/kg wet	1	0.400	---	97	42-134%	---	---	
Dichlorvos	0.311	---	0.0500	mg/kg wet	1	0.400	---	78	39-142%	---	---	
Dimethoate	0.365	---	0.0500	mg/kg wet	1	0.400	---	91	16-139%	---	---	
Disulfoton	0.381	---	0.0500	mg/kg wet	1	0.400	---	95	28-145%	---	---	
EPN	0.423	---	0.0500	mg/kg wet	1	0.400	---	106	44-137%	---	---	
Ethoprop	0.398	---	0.0500	mg/kg wet	1	0.400	---	100	47-128%	---	---	
Fensulfthion	0.400	---	0.0500	mg/kg wet	1	0.400	---	100	27-147%	---	---	
Fenthion	0.386	---	0.0500	mg/kg wet	1	0.400	---	96	44-134%	---	---	
Malathion	0.369	---	0.0500	mg/kg wet	1	0.400	---	92	46-137%	---	---	
Merphos	0.409	---	0.0500	mg/kg wet	1	0.400	---	102	66-131%	---	---	
Methyl parathion	0.385	---	0.0500	mg/kg wet	1	0.400	---	96	49-138%	---	---	
Mevinphos (Phosdrin)	0.356	---	0.0500	mg/kg wet	1	0.400	---	89	12-176%	---	---	
Monocrotophos	0.410	---	0.0500	mg/kg wet	1	0.400	---	102	10-153%	---	---	
Naled (Dibrom)	0.370	---	0.0500	mg/kg wet	1	0.400	---	93	10-174%	---	---	
Parathion, ethyl	0.387	---	0.0500	mg/kg wet	1	0.400	---	97	50-139%	---	---	
Phorate	0.407	---	0.0500	mg/kg wet	1	0.400	---	102	23-142%	---	---	
Ronnel (Fenchlorphos)	0.401	---	0.0500	mg/kg wet	1	0.400	---	100	45-138%	---	---	
Sulfotep	0.431	---	0.0500	mg/kg wet	1	0.400	---	108	52-126%	---	---	
Sulprofos (Bolstar)	0.374	---	0.0500	mg/kg wet	1	0.400	---	94	48-139%	---	---	
TEPP	0.346	---	0.200	mg/kg wet	1	0.400	---	87	16-126%	---	---	
Tetrachlorvinphos (Rabon)	0.373	---	0.0500	mg/kg wet	1	0.400	---	93	54-129%	---	---	
Tokuthion (Prothiofos)	0.364	---	0.0500	mg/kg wet	1	0.400	---	91	45-136%	---	---	
Trichloronate	0.394	---	0.0500	mg/kg wet	1	0.400	---	98	37-140%	---	---	
<i>Surr: Tributyl phosphate (Surr)</i>		<i>Recovery: 89 %</i>		<i>Limits: 10-136 %</i>		<i>Dilution: 1x</i>						
<i>Triphenyl phosphate (Surr)</i>		<i>89 %</i>		<i>34-121 %</i>		<i>"</i>						

Duplicate (25C0311-DUP1) Prepared: 03/07/25 15:23 Analyzed: 03/07/25 22:13 **PRO**

QC Source Sample: COMP1-0.0-0.5 (A5B1580-02RE1)

EPA 8270E OPPs

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ANALYTICAL REPORT

Apex Laboratories, LLC

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ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0311 - EPA 3546						Soil						
Duplicate (25C0311-DUP1)						Prepared: 03/07/25 15:23 Analyzed: 03/07/25 22:13						PRO
QC Source Sample: COMP1-0.0-0.5 (A5B1580-02RE1)												
Azinphos methyl (Guthion)	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Chlorpyrifos	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Coumaphos	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Demeton O	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Demeton S	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Diazinon	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Dichlorvos	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Dimethoate	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Disulfoton	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
EPN	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Ethoprop	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Fensulfothion	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Fenthion	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Malathion	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Merphos	ND	---	0.455	mg/kg dry	1	---	ND	---	---	---	30%	R-02
Methyl parathion	ND	---	0.0816	mg/kg dry	1	---	ND	---	---	---	30%	R-02
Mevinphos (Phosdrin)	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Monocrotophos	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Naled (Dibrom)	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Parathion, ethyl	ND	---	0.0654	mg/kg dry	1	---	ND	---	---	---	30%	R-02
Phorate	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Ronnel (Fenchlorphos)	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Sulfotep	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Sulprofos (Bolstar)	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
TEPP	ND	---	0.190	mg/kg dry	1	---	ND	---	---	---	30%	
Tetrachlorvinphos (Rabon)	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Tokuthion (Prothiofos)	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
Trichloronate	ND	---	0.0474	mg/kg dry	1	---	ND	---	---	---	30%	
<i>Surr: Tributyl phosphate (Surr)</i>		Recovery: 8 %		Limits: 10-136 %		Dilution: 1x				S-03		
<i>Triphenyl phosphate (Surr)</i>		28 %		34-121 %		"				S-03		

Matrix Spike (25C0311-MS1)	Prepared: 03/07/25 15:23 Analyzed: 03/07/25 23:19	PRO
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QC Source Sample: COMP4-1.5-2.0 (A5B1580-08RE1)

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0311 - EPA 3546						Soil						
Matrix Spike (25C0311-MS1)						Prepared: 03/07/25 15:23 Analyzed: 03/07/25 23:19						PRO
QC Source Sample: COMP4-1.5-2.0 (A5B1580-08RE1)												
EPA 8270E OPPs												
Azinphos methyl (Guthion)	0.132	---	0.0455	mg/kg dry	1	0.364	ND	36	38-156%	---	---	Q-01
Chlorpyrifos	0.276	---	0.0455	mg/kg dry	1	0.364	ND	76	47-140%	---	---	
Coumaphos	0.195	---	0.0455	mg/kg dry	1	0.364	ND	54	37-160%	---	---	
Demeton O	0.108	---	0.0455	mg/kg dry	1	0.168	ND	64	66-127%	---	---	Q-01
Demeton S	ND	---	0.0455	mg/kg dry	1	0.177	ND		70-121%	---	---	Q-01
Diazinon	ND	---	0.0455	mg/kg dry	1	0.364	ND		42-134%	---	---	Q-01
Dichlorvos	ND	---	0.0455	mg/kg dry	1	0.364	ND	8	39-142%	---	---	Q-01
Dimethoate	ND	---	0.0455	mg/kg dry	1	0.364	ND		16-139%	---	---	Q-01
Disulfoton	0.275	---	0.0455	mg/kg dry	1	0.364	ND	75	28-145%	---	---	
EPN	0.377	---	0.0455	mg/kg dry	1	0.364	ND	104	44-137%	---	---	
Ethoprop	ND	---	0.0455	mg/kg dry	1	0.364	ND	9	47-128%	---	---	Q-01
Fensulfothion	ND	---	0.0455	mg/kg dry	1	0.364	ND	6	27-147%	---	---	Q-01
Fenthion	0.272	---	0.0455	mg/kg dry	1	0.364	ND	75	44-134%	---	---	
Malathion	0.156	---	0.0455	mg/kg dry	1	0.364	ND	43	46-137%	---	---	Q-01
Merphos	0.257	---	0.156	mg/kg dry	1	0.364	ND	71	66-131%	---	---	
Methyl parathion	0.244	---	0.0455	mg/kg dry	1	0.364	ND	67	49-138%	---	---	
Mevinphos (Phosdrin)	ND	---	0.0455	mg/kg dry	1	0.364	ND		12-176%	---	---	Q-01
Monocrotophos	ND	---	0.0455	mg/kg dry	1	0.364	ND	6	10-153%	---	---	Q-01
Naled (Dibrom)	ND	---	0.0455	mg/kg dry	1	0.364	ND		10-174%	---	---	Q-01
Parathion, ethyl	0.312	---	0.0455	mg/kg dry	1	0.364	ND	86	50-139%	---	---	
Phorate	0.311	---	0.0455	mg/kg dry	1	0.364	ND	85	23-142%	---	---	
Ronnel (Fenchlorphos)	0.286	---	0.0455	mg/kg dry	1	0.364	ND	78	45-138%	---	---	
Sulfotep	0.191	---	0.0455	mg/kg dry	1	0.364	ND	52	52-126%	---	---	
Sulprofos (Bolstar)	0.291	---	0.0455	mg/kg dry	1	0.364	ND	80	48-139%	---	---	
TEPP	ND	---	0.182	mg/kg dry	1	0.364	ND		16-126%	---	---	Q-01
Tetrachlorvinphos (Rabon)	0.0686	---	0.0455	mg/kg dry	1	0.364	ND	19	54-129%	---	---	Q-01
Tokuthion (Prothiofos)	0.285	---	0.0455	mg/kg dry	1	0.364	ND	78	45-136%	---	---	
Trichloronate	0.287	---	0.0455	mg/kg dry	1	0.364	ND	79	37-140%	---	---	
<i>Surr: Tributyl phosphate (Surr)</i>		<i>Recovery: 8 %</i>		<i>Limits: 10-136 %</i>		<i>Dilution: 1x</i>				<i>S-03</i>		
<i>Triphenyl phosphate (Surr)</i>		<i>28 %</i>		<i>34-121 %</i>		<i>"</i>				<i>S-03</i>		

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Apex Laboratories, LLC

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Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0469 - EPA 3051A												
Soil												
Blank (25C0469-BLK1)												
Prepared: 03/12/25 11:03 Analyzed: 03/12/25 15:53												
<u>EPA 6020B</u>												
Antimony	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	---
Arsenic	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	---
Barium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	---
Beryllium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	---
Cadmium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	---
Chromium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	---
Cobalt	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	---
Copper	ND	---	2.00	mg/kg wet	10	---	---	---	---	---	---	---
Lead	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	---
Mercury	ND	---	0.0800	mg/kg wet	10	---	---	---	---	---	---	---
Molybdenum	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	---
Nickel	ND	---	2.00	mg/kg wet	10	---	---	---	---	---	---	---
Selenium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	---
Silver	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	---
Thallium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	---
Vanadium	ND	---	2.00	mg/kg wet	10	---	---	---	---	---	---	---
Zinc	ND	---	4.00	mg/kg wet	10	---	---	---	---	---	---	---

LCS (25C0469-BS1)												
Prepared: 03/12/25 11:03 Analyzed: 03/12/25 16:03												
<u>EPA 6020B</u>												
Antimony	23.7	---	1.00	mg/kg wet	10	25.0	---	95	80-120%	---	---	---
Arsenic	50.2	---	1.00	mg/kg wet	10	50.0	---	100	80-120%	---	---	---
Barium	53.0	---	1.00	mg/kg wet	10	50.0	---	106	80-120%	---	---	---
Beryllium	25.9	---	0.200	mg/kg wet	10	25.0	---	104	80-120%	---	---	---
Cadmium	49.4	---	0.200	mg/kg wet	10	50.0	---	99	80-120%	---	---	---
Chromium	50.5	---	1.00	mg/kg wet	10	50.0	---	101	80-120%	---	---	---
Cobalt	51.0	---	1.00	mg/kg wet	10	50.0	---	102	80-120%	---	---	---
Copper	52.5	---	2.00	mg/kg wet	10	50.0	---	105	80-120%	---	---	---
Lead	50.8	---	0.200	mg/kg wet	10	50.0	---	102	80-120%	---	---	---
Mercury	0.976	---	0.0800	mg/kg wet	10	1.00	---	98	80-120%	---	---	---
Molybdenum	25.5	---	1.00	mg/kg wet	10	25.0	---	102	80-120%	---	---	---
Nickel	51.7	---	2.00	mg/kg wet	10	50.0	---	103	80-120%	---	---	---
Selenium	25.3	---	1.00	mg/kg wet	10	25.0	---	101	80-120%	---	---	---

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0469 - EPA 3051A						Soil						
LCS (25C0469-BS1)						Prepared: 03/12/25 11:03 Analyzed: 03/12/25 16:03						
Silver	24.4	---	0.200	mg/kg wet	10	25.0	---	97	80-120%	---	---	
Thallium	24.3	---	0.200	mg/kg wet	10	25.0	---	97	80-120%	---	---	
Vanadium	50.6	---	2.00	mg/kg wet	10	50.0	---	101	80-120%	---	---	
Zinc	51.0	---	4.00	mg/kg wet	10	50.0	---	102	80-120%	---	---	

Duplicate (25C0469-DUP1)						Prepared: 03/12/25 11:03 Analyzed: 03/12/25 16:14						
QC Source Sample: Non-SDG (A5B1538-01)												
Antimony	ND	---	1.10	mg/kg dry	10	---	ND	---	---	---	20%	
Arsenic	2.31	---	1.10	mg/kg dry	10	---	2.77	---	---	18	20%	
Barium	13.2	---	1.10	mg/kg dry	10	---	42.4	---	---	105	20%	Q-04
Beryllium	ND	---	0.220	mg/kg dry	10	---	0.155	---	---	***	20%	
Cadmium	ND	---	0.220	mg/kg dry	10	---	0.238	---	---	***	20%	Q-05
Chromium	15.0	---	1.10	mg/kg dry	10	---	24.9	---	---	49	20%	Q-04
Cobalt	8.20	---	1.10	mg/kg dry	10	---	7.18	---	---	13	20%	
Copper	16.7	---	2.20	mg/kg dry	10	---	38.4	---	---	79	20%	Q-04
Lead	8.11	---	0.220	mg/kg dry	10	---	13.4	---	---	49	20%	Q-04
Mercury	ND	---	0.0881	mg/kg dry	10	---	ND	---	---	---	20%	
Molybdenum	1.61	---	1.10	mg/kg dry	10	---	1.83	---	---	13	20%	
Nickel	35.4	---	2.20	mg/kg dry	10	---	40.3	---	---	13	20%	
Selenium	ND	---	1.10	mg/kg dry	10	---	ND	---	---	---	20%	
Silver	ND	---	0.220	mg/kg dry	10	---	ND	---	---	---	20%	
Thallium	ND	---	0.220	mg/kg dry	10	---	ND	---	---	---	20%	
Vanadium	13.2	---	2.20	mg/kg dry	10	---	21.8	---	---	49	20%	Q-04
Zinc	53.2	---	4.41	mg/kg dry	10	---	93.8	---	---	55	20%	Q-04

Matrix Spike (25C0469-MS1)						Prepared: 03/12/25 11:03 Analyzed: 03/12/25 16:31						
QC Source Sample: Non-SDG (A5B1538-01)												
EPA 6020B												
Antimony	27.0	---	1.15	mg/kg dry	10	28.8	ND	94	75-125%	---	---	
Arsenic	59.7	---	1.15	mg/kg dry	10	57.6	2.77	99	75-125%	---	---	
Barium	77.0	---	1.15	mg/kg dry	10	57.6	42.4	60	75-125%	---	---	Q-04
Beryllium	29.7	---	0.230	mg/kg dry	10	28.8	0.155	103	75-125%	---	---	
Cadmium	58.3	---	0.230	mg/kg dry	10	57.6	0.238	101	75-125%	---	---	
Chromium	77.6	---	1.15	mg/kg dry	10	57.6	24.9	92	75-125%	---	---	

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ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0469 - EPA 3051A						Soil						
Matrix Spike (25C0469-MS1)						Prepared: 03/12/25 11:03 Analyzed: 03/12/25 16:31						
QC Source Sample: Non-SDG (A5B1538-01)												
Cobalt	64.0	---	1.15	mg/kg dry	10	57.6	7.18	99	75-125%	---	---	
Copper	84.8	---	2.30	mg/kg dry	10	57.6	38.4	81	75-125%	---	---	
Lead	68.0	---	0.230	mg/kg dry	10	57.6	13.4	95	75-125%	---	---	
Mercury	1.15	---	0.0921	mg/kg dry	10	1.15	ND	100	75-125%	---	---	
Molybdenum	31.1	---	1.15	mg/kg dry	10	28.8	1.83	102	75-125%	---	---	
Nickel	85.2	---	2.30	mg/kg dry	10	57.6	40.3	78	75-125%	---	---	
Selenium	28.6	---	1.15	mg/kg dry	10	28.8	ND	100	75-125%	---	---	
Silver	28.0	---	0.230	mg/kg dry	10	28.8	ND	97	75-125%	---	---	
Thallium	27.5	---	0.230	mg/kg dry	10	28.8	ND	96	75-125%	---	---	
Vanadium	76.7	---	2.30	mg/kg dry	10	57.6	21.8	95	75-125%	---	---	
Zinc	162	---	4.60	mg/kg dry	10	57.6	93.8	119	75-125%	---	---	

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ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25C0096 - Dry Weight Prep (EPA 8000D)							Soil					
Duplicate (25C0096-DUP1)			Prepared: 03/04/25 10:39 Analyzed: 03/05/25 05:18									
<u>QC Source Sample: Non-SDG (A5C0929-01)</u>												
% Solids	86.0	---	1.00	%	1	---	85.7	---	---	0.3	10%	
Duplicate (25C0096-DUP2)			Prepared: 03/04/25 10:39 Analyzed: 03/05/25 05:18									
<u>QC Source Sample: Non-SDG (A5C0937-01)</u>												
% Solids	79.4	---	1.00	%	1	---	80.6	---	---	1	10%	
Duplicate (25C0096-DUP3)			Prepared: 03/04/25 19:56 Analyzed: 03/05/25 05:18									
<u>QC Source Sample: Non-SDG (A5C0976-01)</u>												
% Solids	82.6	---	1.00	%	1	---	84.0	---	---	2	10%	
Duplicate (25C0096-DUP4)			Prepared: 03/04/25 19:56 Analyzed: 03/05/25 05:18									
<u>QC Source Sample: Non-SDG (A5C0994-02)</u>												
% Solids	79.9	---	1.00	%	1	---	80.4	---	---	0.6	10%	

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

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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SAMPLE PREPARATION INFORMATION

Organochlorine Pesticides by EPA 8081B

Prep: EPA 3546/3640A (GPC)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25C0286</u>							
A5B1580-02RE1	Soil	EPA 8081B	02/24/25 12:00	03/04/25 10:48	11.41g/10mL	10g/5mL	1.75
A5B1580-02RE2	Soil	EPA 8081B	02/24/25 12:00	03/04/25 10:48	11.41g/10mL	10g/5mL	1.75
A5B1580-04RE1	Soil	EPA 8081B	02/24/25 11:30	03/04/25 10:48	11.2g/10mL	10g/5mL	1.79
A5B1580-04RE2	Soil	EPA 8081B	02/24/25 11:30	03/04/25 10:48	11.2g/10mL	10g/5mL	1.79
A5B1580-06RE1	Soil	EPA 8081B	02/24/25 11:00	03/04/25 10:48	11.78g/10mL	10g/5mL	1.70
A5B1580-08RE1	Soil	EPA 8081B	02/24/25 10:30	03/04/25 10:48	11.8g/10mL	10g/5mL	1.69
A5B1580-10RE1	Soil	EPA 8081B	02/24/25 10:00	03/04/25 10:48	11.66g/10mL	10g/5mL	1.72

Organophosphorus Pesticides (OPPs) by EPA 8270E (GC/MS)

Prep: EPA 3546					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25C0045</u>							
A5B1580-10	Soil	EPA 8270E OPPs	02/24/25 10:00	03/03/25 16:36	11.73g/5mL	10g/5mL	0.85
<u>Batch: 25C0311</u>							
A5B1580-02RE1	Soil	EPA 8270E OPPs	02/24/25 12:00	03/07/25 15:23	11.73g/5mL	10g/5mL	0.85
A5B1580-04RE1	Soil	EPA 8270E OPPs	02/24/25 11:30	03/07/25 15:23	11.02g/5mL	10g/5mL	0.91
A5B1580-06RE1	Soil	EPA 8270E OPPs	02/24/25 11:00	03/07/25 15:23	11.15g/5mL	10g/5mL	0.90
A5B1580-08RE1	Soil	EPA 8270E OPPs	02/24/25 10:30	03/07/25 15:23	11.54g/5mL	10g/5mL	0.87

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3051A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25C0469</u>							
A5B1580-02	Soil	EPA 6020B	02/24/25 12:00	03/12/25 11:03	0.497g/50mL	0.5g/50mL	1.01
A5B1580-04	Soil	EPA 6020B	02/24/25 11:30	03/12/25 11:03	0.51g/50mL	0.5g/50mL	0.98
A5B1580-06	Soil	EPA 6020B	02/24/25 11:00	03/12/25 11:03	0.483g/50mL	0.5g/50mL	1.04
A5B1580-08	Soil	EPA 6020B	02/24/25 10:30	03/12/25 11:03	0.452g/50mL	0.5g/50mL	1.11
A5B1580-10	Soil	EPA 6020B	02/24/25 10:00	03/12/25 11:03	0.468g/50mL	0.5g/50mL	1.07

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25C0096</u>							

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

Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
---	--	---

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A5B1580-02	Soil	EPA 8000D	02/24/25 12:00	03/04/25 10:39	1g	1g	1.00
A5B1580-04	Soil	EPA 8000D	02/24/25 11:30	03/04/25 10:39	1g	1g	1.00
A5B1580-06	Soil	EPA 8000D	02/24/25 11:00	03/04/25 10:39	1g	1g	1.00
A5B1580-08	Soil	EPA 8000D	02/24/25 10:30	03/04/25 10:39	1g	1g	1.00
A5B1580-10	Soil	EPA 8000D	02/24/25 10:00	03/04/25 10:39	1g	1g	1.00

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Darwin Thomas, Business Development Director



ANALYTICAL REPORT

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QUALIFIER DEFINITIONS

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

Apex Laboratories

- C-05** Extract has undergone a GPC (Gel-Permeation Chromatography) cleanup per EPA 3640A. Reporting levels may be raised due to dilution necessary for cleanup. Sample Final Volume includes the GPC dilution factor, see the Prep page for details.
- PRO** Sample has undergone sample processing prior to extraction and analysis.
- Q-01** Spike recovery and/or RPD is outside acceptance limits.
- Q-04** Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
- Q-05** Analyses are not controlled on RPD values from sample and duplicate concentrations that are below 5 times the reporting level.
- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
- Q-41** Estimated Results. Recovery of Continuing Calibration Verification sample above upper control limit for this analyte. Results are likely biased high.
- Q-42** Matrix Spike and/or Duplicate analysis was performed on this sample. % Recovery or RPD for this analyte is outside laboratory control limits. (Refer to the QC Section of Analytical Report.)
- R-02** The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- S-03** Sample re-extract, or the analysis of an associated Batch QC sample, confirms surrogate failure due to sample matrix effect.

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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)

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 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).

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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, 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.

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503-718-2323
ORELAP ID: OR100062

Alpine Environmental Consultants	Project: Airport One LLC- Industry Drive	Report ID:
12210 Antioch Road White City, OR 97503	Project Number: [none] Project Manager: Jonathan Williams	A5B1580 - 03 14 25 0925

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.

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ORELAP ID: **OR100062**

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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
--------	----------	--------	---------	--------	---------------

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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Darwin Thomas, Business Development Director



ANALYTICAL REPORT

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ORELAP ID: OR100062

Alpine Environmental Consultants
12210 Antioch Road
White City, OR 97503

Project: Airport One LLC- Industry Drive
Project Number: [none]
Project Manager: Jonathan Williams

Report ID:
A5B1580 - 03 14 25 0925

CHAIN OF CUSTODY
APEX LABS
6700 SW Sandburg Street, Tigard, OR 97223
Project Name: Airport One LLC - Industry Drive
Project #:
Project Mgr: Jonathan Williams
Phone: 541-944-4685
Email: williams@alpine-env-llc
ANALYSIS REQUEST
OF CONTAINERS
MATRIX
DATE
TIME
L.A.B ID #
SAMPLE ID
SPECIAL INSTRUCTIONS:
Incremental Sampling Method (ISM) for all please.
RECEIVED BY:
RELINQUISHED BY:
Signature: Toby Shalleross
Date: 2/24/2025
Signature: [Signature]
Date: [Date]
Printed Name: Toby Shalleross
Time: 1:06
Company: AEC

Apex Laboratories

[Signature]

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Alpine Environmental Consultants 12210 Antioch Road White City, OR 97503	Project: Airport One LLC- Industry Drive Project Number: [none] Project Manager: Jonathan Williams	Report ID: A5B1580 - 03 14 25 0925
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APEX LABS COOLER RECEIPT FORM

Client: Alpine Environmental Corporation LLC Element WO#: A5B1580

Project/Project #: Airport One LLC - Industry Drive

Delivery Info:

Date/time received: 2/25/25 @ 11:06 By: JAM

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 2/25/25 @ 11:07 By: JAM

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>2.0</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: 2/25/25 @ 11:58 By: JAM

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: _____

2857 7201 1234

Labeled by: JAM

Witness: [Signature]

Cooler Inspected by: JAM

Form Y-003 R-02

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.

[Signature]

Darwin Thomas, Business Development Director

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Mr. Darwin Thomas
Apex Laboratories LLC
6700 SW Sandburg St.
Tigard, Oregon 97223

Generated 3/14/2025 8:30:31 AM

JOB DESCRIPTION

A5B1580

JOB NUMBER

280-203774-1

Eurofins Denver

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

Authorization



Generated
3/14/2025 8:30:31 AM

Authorized for release by
Nicole Ryan, Project Manager I
Nicole.Ryan@ET.eurofinsus.com
(303)736-0100



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Definitions/Glossary

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Qualifiers

LCMS

Qualifier	Qualifier Description
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Apex Laboratories LLC
Project: A5B1580

Job ID: 280-203774-1

Job ID: 280-203774-1

Eurofins Denver

Job Narrative 280-203774-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/5/2025 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

Method 8321B - Herbicides (LC/MS)

Samples COMP1-0.0-0.5 (280-203774-1), COMP2-0.5-1.0 (280-203774-2), COMP3-1.0-1.5 (280-203774-3), COMP4-1.5-2.0 (280-203774-4) and COMP5-2.0-3.0 (280-203774-5) were analyzed for Herbicides (LC/MS). The samples were prepared on 3/10/2025 and analyzed on 3/11/2025.

The continuing calibration verification (CCV) associated with batch 280-687336 recovered above the upper control limit for Dinoseb. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: COMP1-0.0-0.5 (280-203774-1), COMP2-0.5-1.0 (280-203774-2), COMP3-1.0-1.5 (280-203774-3), COMP4-1.5-2.0 (280-203774-4), COMP5-2.0-3.0 (280-203774-5) and (CCV 280-687336/24).

The "I" qualifier means the transition mass ratio for the indicated analytes were outside of the established ratio limits. The qualitative identification of the analytes have some degree of uncertainty. However, analyst judgment was used to positively identify the analyte. The affected sample in batch 280-687336 is (280-203774-A-1-B MS) and (280-203774-A-1-C MSD).

The following samples was diluted due to visual characteristics such as color, odor, appearance, viscosity, etc.>>: COMP1-0.0-0.5 (280-203774-1), COMP2-0.5-1.0 (280-203774-2), (280-203774-A-1-B MS) and (280-203774-A-1-C MSD). Elevated reporting limits (RL) are provided.

Eurofins Denver

Detection Summary

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Client Sample ID: COMP1-0.0-0.5

Lab Sample ID: 280-203774-1

No Detections.

Client Sample ID: COMP2-0.5-1.0

Lab Sample ID: 280-203774-2

No Detections.

Client Sample ID: COMP3-1.0-1.5

Lab Sample ID: 280-203774-3

No Detections.

Client Sample ID: COMP4-1.5-2.0

Lab Sample ID: 280-203774-4

No Detections.

Client Sample ID: COMP5-2.0-3.0

Lab Sample ID: 280-203774-5

No Detections.



This Detection Summary does not include radiochemical test results.

Eurofins Denver

Method Summary

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Method	Method Description	Protocol	Laboratory
8321B	Herbicides (LC/MS)	SW846	EET DEN
Auto Shaker	Wrist Action Shaker Extraction Technique	None	EET DEN

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

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- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Sample Summary

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-203774-1	COMP1-0.0-0.5	Solid	02/24/25 12:00	03/05/25 09:55
280-203774-2	COMP2-0.5-1.0	Solid	02/24/25 11:30	03/05/25 09:55
280-203774-3	COMP3-1.0-1.5	Solid	02/24/25 11:00	03/05/25 09:55
280-203774-4	COMP4-1.5-2.0	Solid	02/24/25 10:30	03/05/25 09:55
280-203774-5	COMP5-2.0-3.0	Solid	02/24/25 10:00	03/05/25 09:55

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Client Sample Results

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Method: SW846 8321B - Herbicides (LC/MS)

Client Sample ID: COMP1-0.0-0.5

Date Collected: 02/24/25 12:00

Date Received: 03/05/25 09:55

Lab Sample ID: 280-203774-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-DB	ND		49	12	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
2,4-D	ND		25	6.1	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
MCPA	ND		25	6.1	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
2,4,5-T	ND		25	6.1	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
Silvex (2,4,5-TP)	ND		25	6.1	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
MCPP	ND		25	6.1	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
Dicamba	ND		25	6.1	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
Dichlorprop	ND		25	6.1	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
Dalapon	ND		49	12	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
Dinoseb	ND		49	12	ug/Kg		03/10/25 10:25	03/11/25 16:14	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCAA (Surr)	66		45 - 130				03/10/25 10:25	03/11/25 16:14	5

Client Sample ID: COMP2-0.5-1.0

Date Collected: 02/24/25 11:30

Date Received: 03/05/25 09:55

Lab Sample ID: 280-203774-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-DB	ND		47	12	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
2,4-D	ND		24	5.9	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
MCPA	ND		24	5.9	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
2,4,5-T	ND		24	5.9	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
Silvex (2,4,5-TP)	ND		24	5.9	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
MCPP	ND		24	5.9	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
Dicamba	ND		24	5.9	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
Dichlorprop	ND		24	5.9	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
Dalapon	ND		47	12	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
Dinoseb	ND		47	12	ug/Kg		03/10/25 10:25	03/11/25 16:34	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCAA (Surr)	74		45 - 130				03/10/25 10:25	03/11/25 16:34	5

Client Sample ID: COMP3-1.0-1.5

Date Collected: 02/24/25 11:00

Date Received: 03/05/25 09:55

Lab Sample ID: 280-203774-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-DB	ND		9.2	2.3	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
2,4-D	ND		4.6	1.1	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
MCPA	ND		4.6	1.1	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
2,4,5-T	ND		4.6	1.1	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
Silvex (2,4,5-TP)	ND		4.6	1.1	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
MCPP	ND		4.6	1.1	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
Dicamba	ND		4.6	1.1	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
Dichlorprop	ND		4.6	1.1	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
Dalapon	ND		9.2	2.3	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
Dinoseb	ND		9.2	2.3	ug/Kg		03/10/25 10:25	03/11/25 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCAA (Surr)	69		45 - 130				03/10/25 10:25	03/11/25 16:40	1

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Client Sample Results

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Method: SW846 8321B - Herbicides (LC/MS)

Client Sample ID: COMP4-1.5-2.0

Date Collected: 02/24/25 10:30

Date Received: 03/05/25 09:55

Lab Sample ID: 280-203774-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-DB	ND		9.9	2.5	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
2,4-D	ND		5.0	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
MCPA	ND		5.0	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
2,4,5-T	ND		5.0	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
Silvex (2,4,5-TP)	ND		5.0	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
MCPP	ND		5.0	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
Dicamba	ND		5.0	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
Dichlorprop	ND		5.0	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
Dalapon	ND		9.9	2.5	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
Dinoseb	ND		9.9	2.5	ug/Kg		03/10/25 10:25	03/11/25 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCAA (Surr)	71		45 - 130				03/10/25 10:25	03/11/25 16:47	1

Client Sample ID: COMP5-2.0-3.0

Date Collected: 02/24/25 10:00

Date Received: 03/05/25 09:55

Lab Sample ID: 280-203774-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-DB	ND		9.7	2.4	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
2,4-D	ND		4.9	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
MCPA	ND		4.9	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
2,4,5-T	ND		4.9	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
Silvex (2,4,5-TP)	ND		4.9	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
MCPP	ND		4.9	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
Dicamba	ND		4.9	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
Dichlorprop	ND		4.9	1.2	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
Dalapon	ND		9.7	2.4	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
Dinoseb	ND		9.7	2.4	ug/Kg		03/10/25 10:25	03/11/25 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCAA (Surr)	65		45 - 130				03/10/25 10:25	03/11/25 16:53	1

Surrogate Summary

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Method: 8321B - Herbicides (LC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPAA (45-130)
280-203774-1	COMP1-0.0-0.5	66
280-203774-1 MS	COMP1-0.0-0.5	68
280-203774-1 MSD	COMP1-0.0-0.5	65
280-203774-2	COMP2-0.5-1.0	74
280-203774-3	COMP3-1.0-1.5	69
280-203774-4	COMP4-1.5-2.0	71
280-203774-5	COMP5-2.0-3.0	65
LB 280-687175/1-A	Method Blank	98
LCS 280-687175/2-A	Lab Control Sample	100

Surrogate Legend

DCPAA = DCAA (Surr)

QC Sample Results

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Method: 8321B - Herbicides (LC/MS)

Lab Sample ID: 280-203774-1 MS

Matrix: Solid

Analysis Batch: 687336

Client Sample ID: COMP1-0.0-0.5

Prep Type: Total/NA

Prep Batch: 687094

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
2,4-DB	ND		19.8	13.9	J	ug/Kg		70		46 - 130
2,4-D	ND		19.8	14.0	J	ug/Kg		71		48 - 130
MCPA	ND		19.8	13.2	J	ug/Kg		67		54 - 130
2,4,5-T	ND		19.8	15.6	J	ug/Kg		79		48 - 131
Silvex (2,4,5-TP)	ND		19.8	18.3	J	ug/Kg		93		42 - 130
MCPP	ND		19.8	14.4	J	ug/Kg		73		48 - 130
Dicamba	ND		19.8	13.4	J	ug/Kg		68		45 - 130
Dichlorprop	ND		19.8	14.7	J	ug/Kg		74		45 - 130
Dalapon	ND		19.8	14.4	J I	ug/Kg		73		25 - 150
Dinoseb	ND		19.8	15.3	J	ug/Kg		77		29 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
DCAA (Surr)	68		45 - 130

Lab Sample ID: 280-203774-1 MSD

Matrix: Solid

Analysis Batch: 687336

Client Sample ID: COMP1-0.0-0.5

Prep Type: Total/NA

Prep Batch: 687094

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
2,4-DB	ND		19.6	13.0	J	ug/Kg		66		46 - 130	7	30
2,4-D	ND		19.6	13.5	J	ug/Kg		69		48 - 130	3	30
MCPA	ND		19.6	12.7	J	ug/Kg		65		54 - 130	4	30
2,4,5-T	ND		19.6	15.2	J	ug/Kg		77		48 - 131	3	30
Silvex (2,4,5-TP)	ND		19.6	16.5	J	ug/Kg		84		42 - 130	11	30
MCPP	ND		19.6	13.4	J	ug/Kg		68		48 - 130	7	30
Dicamba	ND		19.6	12.9	J	ug/Kg		66		45 - 130	4	30
Dichlorprop	ND		19.6	13.3	J	ug/Kg		68		45 - 130	10	30
Dalapon	ND		19.6	15.0	J I	ug/Kg		77		25 - 150	4	30
Dinoseb	ND		19.6	14.5	J	ug/Kg		74		29 - 130	6	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
DCAA (Surr)	65		45 - 130

Lab Sample ID: LB 280-687175/1-A

Matrix: Solid

Analysis Batch: 687491

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-DB	ND		200	50	ug/Kg			03/12/25 20:35	1
2,4-D	ND		100	25	ug/Kg			03/12/25 20:35	1
MCPA	ND		100	25	ug/Kg			03/12/25 20:35	1
2,4,5-T	ND		100	25	ug/Kg			03/12/25 20:35	1
Silvex (2,4,5-TP)	ND		100	25	ug/Kg			03/12/25 20:35	1
MCPP	ND		100	25	ug/Kg			03/12/25 20:35	1
Dicamba	ND		100	25	ug/Kg			03/12/25 20:35	1
Dichlorprop	ND		100	25	ug/Kg			03/12/25 20:35	1
Dalapon	ND		200	50	ug/Kg			03/12/25 20:35	1
Dinoseb	ND		200	50	ug/Kg			03/12/25 20:35	1

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QC Sample Results

Client: Apex Laboratories LLC
 Project/Site: A5B1580

Job ID: 280-203774-1

Method: 8321B - Herbicides (LC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
DCAA (Surr)	98		45 - 130		03/12/25 20:35	1

Lab Sample ID: LCS 280-687175/2-A
Matrix: Solid
Analysis Batch: 687491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>
2,4-DB	200	199	J	ug/Kg		100	46 - 130
2,4-D	200	231		ug/Kg		116	48 - 130
MCPA	200	200		ug/Kg		100	54 - 130
2,4,5-T	200	220		ug/Kg		110	48 - 131
Silvex (2,4,5-TP)	200	182		ug/Kg		91	42 - 130
MCPP	200	195		ug/Kg		97	48 - 130
Dicamba	200	210		ug/Kg		105	45 - 130
Dichlorprop	200	191		ug/Kg		96	45 - 130
Dalapon	200	154	J	ug/Kg		77	25 - 150
Dinoseb	200	163	J	ug/Kg		82	29 - 130

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>
DCAA (Surr)	100		45 - 130

QC Association Summary

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

LCMS

Prep Batch: 687094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-203774-1	COMP1-0.0-0.5	Total/NA	Solid	Auto Shaker	
280-203774-2	COMP2-0.5-1.0	Total/NA	Solid	Auto Shaker	
280-203774-3	COMP3-1.0-1.5	Total/NA	Solid	Auto Shaker	
280-203774-4	COMP4-1.5-2.0	Total/NA	Solid	Auto Shaker	
280-203774-5	COMP5-2.0-3.0	Total/NA	Solid	Auto Shaker	
280-203774-1 MS	COMP1-0.0-0.5	Total/NA	Solid	Auto Shaker	
280-203774-1 MSD	COMP1-0.0-0.5	Total/NA	Solid	Auto Shaker	

Leach Batch: 687175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 280-687175/1-A	Method Blank	Total/NA	Solid	1311	
LCS 280-687175/2-A	Lab Control Sample	Total/NA	Solid	1311	

Analysis Batch: 687336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-203774-1	COMP1-0.0-0.5	Total/NA	Solid	8321B	687094
280-203774-2	COMP2-0.5-1.0	Total/NA	Solid	8321B	687094
280-203774-3	COMP3-1.0-1.5	Total/NA	Solid	8321B	687094
280-203774-4	COMP4-1.5-2.0	Total/NA	Solid	8321B	687094
280-203774-5	COMP5-2.0-3.0	Total/NA	Solid	8321B	687094
280-203774-1 MS	COMP1-0.0-0.5	Total/NA	Solid	8321B	687094
280-203774-1 MSD	COMP1-0.0-0.5	Total/NA	Solid	8321B	687094

Analysis Batch: 687491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 280-687175/1-A	Method Blank	Total/NA	Solid	8321B	687175
LCS 280-687175/2-A	Lab Control Sample	Total/NA	Solid	8321B	687175

Lab Chronicle

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Client Sample ID: COMP1-0.0-0.5

Lab Sample ID: 280-203774-1

Date Collected: 02/24/25 12:00

Matrix: Solid

Date Received: 03/05/25 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Auto Shaker			10.2 g	10 mL	687094	03/10/25 10:25	GML	EET DEN
Total/NA	Analysis	8321B		5	1 mL	1 mL	687336	03/11/25 16:14	RJC	EET DEN

Client Sample ID: COMP2-0.5-1.0

Lab Sample ID: 280-203774-2

Date Collected: 02/24/25 11:30

Matrix: Solid

Date Received: 03/05/25 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Auto Shaker			10.6 g	10 mL	687094	03/10/25 10:25	GML	EET DEN
Total/NA	Analysis	8321B		5	1 mL	1 mL	687336	03/11/25 16:34	RJC	EET DEN

Client Sample ID: COMP3-1.0-1.5

Lab Sample ID: 280-203774-3

Date Collected: 02/24/25 11:00

Matrix: Solid

Date Received: 03/05/25 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Auto Shaker			10.9 g	10 mL	687094	03/10/25 10:25	GML	EET DEN
Total/NA	Analysis	8321B		1	1 mL	1 mL	687336	03/11/25 16:40	RJC	EET DEN

Client Sample ID: COMP4-1.5-2.0

Lab Sample ID: 280-203774-4

Date Collected: 02/24/25 10:30

Matrix: Solid

Date Received: 03/05/25 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Auto Shaker			10.1 g	10 mL	687094	03/10/25 10:25	GML	EET DEN
Total/NA	Analysis	8321B		1	1 mL	1 mL	687336	03/11/25 16:47	RJC	EET DEN

Client Sample ID: COMP5-2.0-3.0

Lab Sample ID: 280-203774-5

Date Collected: 02/24/25 10:00

Matrix: Solid

Date Received: 03/05/25 09:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Auto Shaker			10.3 g	10 mL	687094	03/10/25 10:25	GML	EET DEN
Total/NA	Analysis	8321B		1	1 mL	1 mL	687336	03/11/25 16:53	RJC	EET DEN

Laboratory References:

EET DEN = Eurofins Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Accreditation/Certification Summary

Client: Apex Laboratories LLC
Project/Site: A5B1580

Job ID: 280-203774-1

Laboratory: Eurofins Denver

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	18-001	11-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8321B	Auto Shaker	Solid	Dalapon
8321B	Auto Shaker	Solid	Dicamba
8321B	Auto Shaker	Solid	Dichlorprop
8321B	Auto Shaker	Solid	Dinoseb
8321B	Auto Shaker	Solid	MCPA
8321B	Auto Shaker	Solid	MCPP
Oregon	NELAP	4025	01-08-26
Washington	State	C583	08-03-25

SUBCONTRACT ORDER

Apex Laboratories

A5B1580

at the meters

[Handwritten initials]

SENDING LABORATORY:

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

RECEIVING LABORATORY:

Eurofins - Denver
4955 Yarrow Street
Arvada, CO 80002-4517
Phone : (303) 736-0100
Fax: (303) 431-7171

Sample Name: COMP1-0.0-0.5 Soil After processing Sampled: 02/24/25 12:00 (A5B1580-02)

Analysis	Due	Expires	Comments
8321 Herbicides (SUB) <i>Containers Supplied:</i> (B)4 oz Glass Jar	03/10/25 17:00	03/10/25 12:00	Include dinoseb

Sample Name: COMP2-0.5-1.0 Soil After processing Sampled: 02/24/25 11:30 (A5B1580-04)

Analysis	Due	Expires	Comments
8321 Herbicides (SUB) <i>Containers Supplied:</i> (B)4 oz Glass Jar	03/10/25 17:00	03/10/25 11:30	Include dinoseb

Sample Name: COMP3-1.0-1.5 Soil After processing Sampled: 02/24/25 11:00 (A5B1580-06)

Analysis	Due	Expires	Comments
8321 Herbicides (SUB) <i>Containers Supplied:</i> (B)4 oz Glass Jar	03/10/25 17:00	03/10/25 11:00	Include dinoseb

Sample Name: COMP4-1.5-2.0 Soil After processing Sampled: 02/24/25 10:30 (A5B1580-08)

Analysis	Due	Expires	Comments
8321 Herbicides (SUB) <i>Containers Supplied:</i> (B)4 oz Glass Jar	03/10/25 17:00	03/10/25 10:30	Include dinoseb

Standard TAT



280-203774 Chain of Custody

Released By: *JA* 1330 Date: 3/13/25 Received By: *[Signature]* Date: 3-5-25 0955

Released By: *[Signature]* Date: Received By: *EEDEN* Date: 0955

SUBCONTRACT ORDER

Apex Laboratories

A5B1580

Sample Name: COMP5-2.0-3.0 Soil After processing
Sampled: 02/24/25 10:00 (A5B1580-10)

Analysis	Due	Expires	Comments
8321 Herbicides (SUB)	03/10/25 17:00	03/10/25 10:00	Include dinoseb
Containers Supplied: (B)4 oz Glass Jar			

Standard TAT

Released By: ZA Date: 1330 3/13/25 Received By: UPS (Shipper) Date: _____

Released By: UPS (Shipper) Date: _____ Received By: [Signature] Date: 3-5-25 0955

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Login Sample Receipt Checklist

Client: Apex Laboratories LLC

Job Number: 280-203774-1

Login Number: 203774

List Number: 1

Creator: Roehsner, Karen P

List Source: Eurofins Denver

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

