

To: Mark Pugh, Oregon DEQ

From: Krysta Krippaehne-Stein

Kathy Lombardi, PE

Date: December 20, 2024

Project No.: M0496.02.004

Re: Water Filtration Plant Demolition Completion Summary

This memorandum summarizes demolition of the former Blue Heron Water Filtration Plant (WFP), located at the former Blue Heron paper mill site at 419 and 427 Main Street, Oregon City, Oregon (the Property) (Figure 1-1), and was prepared by Maul Foster & Alongi, Inc. for the owner of the Property, The Confederated Tribes of Grand Ronde. The WFP was located at the northwest corner of the Property, adjacent to the Willamette River to the west and the administration building to the north (Figure 1-2). Work was completed per the Removal Action Plan (RAP) dated June 28, 2022.

# **Project Description**

The WFP included aboveground water filtration cells, three supporting steel and concrete structures (mechanical room, garage, and office), and an attached steel-framed guard structure. The basement and first floor of the WFP were made of reinforced concrete, while the second floor was made of steel and masonry. The primary area of the building was two stories high, while the office area extended an additional two stories. Mechanical equipment and most of the system piping was removed from the building before demolition.

# **Permits**

Work was performed under building and demolition permit (No. B-DEMO-21-00015) issued by the City of Oregon City. Residual water from the filtration cells was pumped to the public sanitary sewer system under authorization from Clackamas Water and Environment Services (WES). A copy of the demolition permit and discharge authorization is included as Attachment 1. No other permits were required. Analytical reports for characterization of the residual water supporting the WES discharge authorization is included in Attachment 2.

# **Demolition Summary**

Demolition was performed from May to August 2022 by Elder Demolition (Contractor) in accordance with the RAP. Details of the demolition are described below. A photo log of demolition activities is included as Attachment 3.

# **Hazardous Building Materials Abatement**

Hazardous building materials (HBM) were removed from accessible areas before structural demolition started. IRS Environmental completed remediation of asbestos at the site from November 2021 through July of 2022. Materials abated included cement asbestos board (CAB), roofing, flooring mastic, and transite pipe wrapped in concrete.

Materials were packaged according to Oregon Administrative Rules 340, Division 248 in double 6-mil bags or loaded to a 40 cubic yard roll-off box and enclosed in a similar 6-mil plastic membrane. Sealed packages were labeled with an asbestos hazard warning label, then disposed offsite at Waste Management Hillsboro Landfill. Asbestos waste shipment report forms (ASN 4) are included in Attachment 4.

#### **General Demolition**

Once accessible HBM was removed, the Contractor removed structures generally as described in the RAP. Demolition started with ancillary structures attached to the east side of the complex, then progressed to the steel structures adjacent to the concrete filter cells. Water was pumped from the filter cells and discharged to a public manhole adjacent to the northwest corner of the site per the WES authorization. The reinforced concrete structure was then demolished.

Non-hazardous materials were either loaded to 40 cubic yard roll-off containers and collected by Oregon City Garbage for offsite disposal or salvaged for recycling. Gully Washer units attached to the WFP as well as the Millwright and Carpentry Shops were also disposed offsite under this scope of work. Sediment and filter media in the filtration cells was air-dried onsite using a perlite additive for stabilization before loading to trucks for hauling. Disposal records for demolition materials, Gully Washers, and filter cell sediment/filter media are included in Attachment 5. Analytical reports for disposal characterization of the Gully Washers is included in Attachment 6. Analytical reports for characterization of the filter plant sediment/filter media is included in Attachment 2.

The Contractor implemented and maintained stormwater best management practices and dust control throughout the project. Floating wood panels were installed in the lagoon adjacent to work areas to prevent debris from entering the water.

# Site Cleanup

Once demolition was complete, the Contractor removed all debris and swept surrounding work areas to remove small debris and dust. Concrete rubble from the structure demolition was crushed then used to backfill the basement area and create safe perimeter slopes (2:1, horizontal:vertical maximum). Photos of the final site condition are included in Attachment 3.

# **Issues and Changes**

Once the upper level of the concrete filter cells was removed, the Contractor revealed open basement areas that were founded on bedrock. The basement areas appeared to hold water as

either an initial holding cell before treatment, or overflow holding before discharge. The basement cells were divided in half with one cell on the east of the WFP and a second cell on the west of the WFP. Residual sediment in the bottom of the basement was sampled for disposal characterization, then removed, dried and stabilized similar to the filter plant solids, and disposed offsite at Waste Management Hillsboro Landfill. Analytical reports for characterization are included in Attachment 7, disposal records are included in Attachment 5.

# **Attachments**

Limitations

**Figures** 

- 1-Permits
- 2—Filter Plant Solids and Water Analytical
- 3—Photographic Log
- 4—Asbestos Closeout Documentation
- 5—Debris Disposal Records
- 6—Gully Washer Disposal Characterization
- 7—Basement Sediment Disposal Characterization

# **Limitations**

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

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

# **Figures**



Site Address: 419 Main Street, Oregon City, Oregon 97045

Section 31, Township 2 South, Range 2 East of the Willamette Meridian.

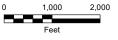
Willametre Merialan.
Source: U.S. Geological Survey (1985) 7.5-minute topographic quadrangles: Oregon City and Canby; property boundary prepared using parcels (May 2017) obtained from Metro Regional Land Information System database.



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

### Figure 1-1 Site Location

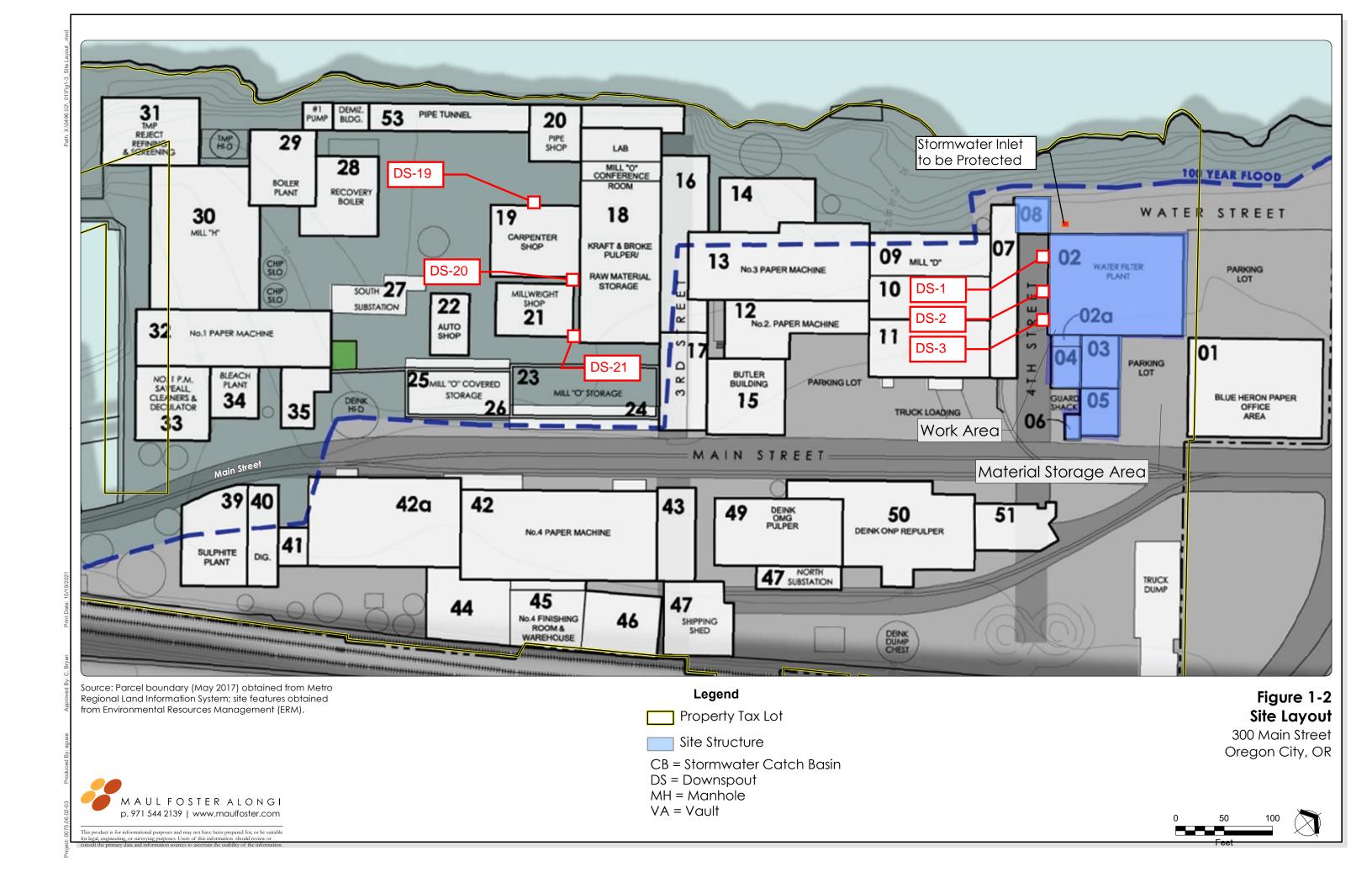
Former Blue Heron Mill Site Oregon City, Oregon





0496.02 Prov

Produced By: ad



# Attachment 1

# **Permits**





#### **City of Oregon City**

PO Box 3040 695 Warner Parrott Road Oregon City, Oregon 97045-0304 503-722-3789



Ryan Webb

Permit NO.: BDEMO-21-00015 Permit IVR Number: 112965

Permit Type: Demolition
Work Classification: Non-Residential

Permit Status: Issued

Applicant

Issue Date: 03/14/2022

Expiration: 09/17/2024

Location Address	Parcel Numbe
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419 MAIN ST, OREGON CITY, OR 97045 2-2E-31BD-00300

Contacts

Shannon Ham-Texeira **Owner** 

9615 Grand Ronde rd., Grand ARonde, OR 97347

shannon.ham-texeira@grandronde.

org

ryan.webb@grandronde.org

Krysta Krippaehne-Stein Contractor

3140 NE Broadway, Portland, OR 97232

kstein@maulfoster.com

ELDER DEMOLITION Contractor

6400 SE 101st AVE Ste 201, Portland, OR 97266

(503)760-6330 jeffelder@eldgerdemolition.com

Jacob Faust Other 6 Centerpointe DR Ste 360, Lake Oswego, OR 97035

(503)320-0510 jfaust@maulfoster.com

**Description:** Commercial: Water Filter Plant - Blue Heron Mill - Demolition and removal of metal and concrete structures

Valuation: \$0.00

Total Sq Feet: 0.00

**Inspection Requests:** 

Inspection Line: 503-496-1551

Fees	Amount
Building Plan Review (tax)	\$689.82
Demolition Commercial (tax)	\$1,061.26
Site Plan Review PLNG	\$86.00
State Surcharge - Building (tax)	\$127.35
Total:	\$1,964.43

Payments	Amt Paid
Total Fees	\$1,964.43
Credit Card	\$1,964.43
Amount Due:	\$0.00

Inspections:					
Inspection Type	IVR				
Demolition Final	922				
Demolition Final	922				

	March 14, 2022
Issued By: Kristi Brandt	Date
Permit Holder	Date

#### GREGORY L. GEIST | DIRECTOR



Water Quality Protection
Surface Water Management
Wastewater Collection & Treatment

March 21, 2022

Ryan Webb Project Manager Confederated Tribes of Grand Ronde (Blue Heron) 419 Main St. Oregon City, OR 97045

RE: Batch Discharge of captured storm water from detention basins to the sanitary sewer.

Dear Mr. Webb,

Water Environment Services ("WES") has reviewed the October 27, 2021 request from the Confederated Tribes of Grand Ronde ("Grand Ronde") to discharge settling pond water to WES' sanitary sewer from the former Blue Heron industrial site at 419 Main Street in Oregon City, Oregon. Approval is hereby given for up to five days of batch discharges of no more than 400,000 total gallons of water ("Discharge") performed in accordance with the terms of this letter. Grand Ronde must receive approval from WES prior to discharging additional volume due to precipitation during the pumping operation. The additional flow must meet the terms of this letter. It is our understanding based on the analytical results of water and sediment samples that the Discharge will include no pollutant concentrations in excess of WES' local limits for metals, oil and grease, and total toxic organics. These limits are referenced in the March 3<sup>rd</sup> email to Jacob Faust.

Grand Ronde agrees to comply with the follow terms related to the Discharge:

- Notify WES staff 72 hours prior to the planned Discharge via e-mail and phone to Jim Conrad.
- Do not discharge any wastewaters to the public sanitary sewer except those specifically described herein.
- Discharge only through the authorized manhole, identified as SSMH-002549, located near Mcloughlin Boulevard and shown on the map in Attachment A.
- Limit the rate of discharge from the pumping operation to no more than 500 gallons per minute to prevent the risk of a hydraulic overload and possible sanitary sewer overflow.
- Complete the following best management practices required to mitigate the introduction of settled solids into WES' sewer system:
  - Floating booms must be attached to the suction inlet of the pump(s) to keep the intake out of the settled solids.
  - Water must pass through 1-5 micron filter-bags at some point to capture entrained solids before discharging to WES' system.
  - Visually monitor the discharge for turbidity and cease pumping operations if the discharge becomes turbid, indicating entrainment of settled solids.
- Allow WES staff to be present onsite at any time during the Discharge event to monitor and collect samples if needed,
- Suspend the Discharge immediately upon request of WES staff for any reason.

#### GREGORY L. GEIST | DIRECTOR



Water Quality Protection
Surface Water Management
Wastewater Collection & Treatment

Within thirty days following Discharge, Grand Ronde agrees to submit a report to WES with the following information:

- Description of what was discharged
- The date(s) of discharge
- The volume of the discharge
- Analytical results of water and sediment samples (Samples have already been collected)
- A summary of the circumstances necessitating the discharge and final outcome of the project.

In the event that a violation of this Batch Discharge Authorization Letter, or any applicable provision of WES' Rules and Regulations, occurs during this Discharge event, WES may seek any remedy available in law or equity, including, but not limited to, all of the remedies, enforcement rights, or penalties provided in WES' Rules and Regulations.

In addition, Grand Ronde agrees to indemnify and defend WES and Clackamas County, and their officers, elected officials, agents and employees, from and against all claims, actions, liabilities, and expenses (including reasonable attorney fees) arising out of or based upon the Discharge or Grand Ronde's actions or omissions in performing under this Discharge Authorization Letter.

If Grand Ronde agrees to the terms above, please have an authorized party sign this letter below and return it to WES.

If you have any questions please do not hesitate to call Jim Conrad at (503) 557-2831 or (971) 288-7409. Or, email Jim at jimcon@clackamas.us.

Sincerely,

Greg Geist (Mar 22, 2022 08:10 PDT)

Greg Geist
WES Director

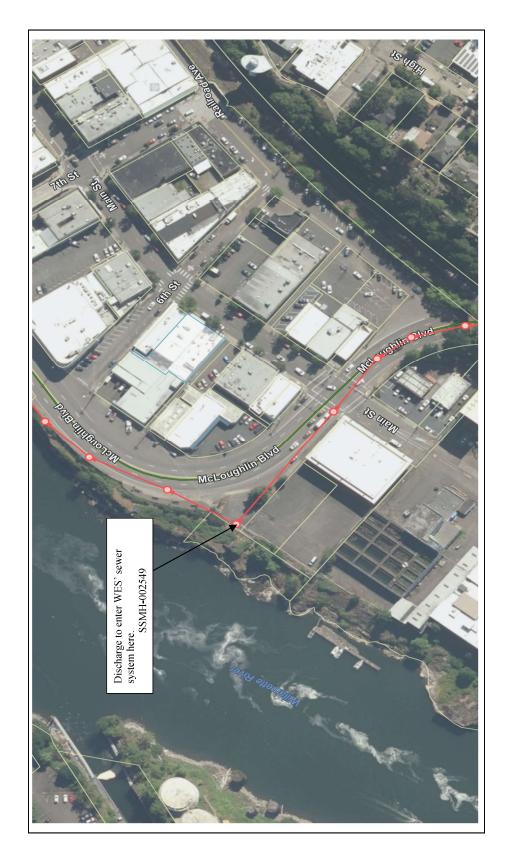
CC: Ron Wierenga, WES Environmental Services Manager

Confederated Tribes of Grand Ronde:

Authorized Signatory

Date

Confederated Tribes of Grand Ronde. (Blue Heron)
Discharge is permitted into Manhole SSMH-002549



# **Attachment 2**

**Filter Plant Solids and Water Analytical** 







January 17, 2022

Ceres ID: 14949

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

The following report contains the results for the three soil samples received on January 12, 2022. These samples were analyzed for tetra through octa chlorinated dioxins and dibenzofurans by EPA method 1613. Rush 5-day turn-around time was provided for this work.

This work was authorized under Apex Laboratories' Project # A2A0427.

Sample results are reported on a dry weight basis.

Samples SED-COMP-W and SED-COMP-E were extracted at approximately five grams dry weight due to the low % solids and size of the extraction vessel.

### Continuing Calibration Verification (CCV) Requirements

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

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

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

Sincerely,

James M. Hedin

Director of Operations/CEO

jhedin@ceres-lab.com

# **Section I: Sample Inventory**

<u>Ceres Sample ID:</u> 14949-001	SED-COMP-W (A2A0427-03)	<u>Date Received</u> 1/12/2022	<b>Collection Date &amp;Time</b> 1/11/2022 11:10
14949-002	SED-COMP-E (A2A0427-04)	1/12/2022	1/11/2022 11:00
14949-003	FM-COMP (A2A0427-05)	1/12/2022	1/11/2022 11:30

# **Section II: Data Summary**



 Quality Assurance Sample
 Date Received: NA

 Method Blank
 QC Batch #: 2557
 Date Extracted: 1/14/2022

 Matrix: Soil
 Date Analyzed: 1/16/2022

 Project ID: A2A0427
 Sample Size: 10.00
 g

Analyte	Conc. (pg/g)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 0.411	0.172	0.500		13C-2378-TCDD	87.5	25-164	
12378-PeCDD	DL= 0.789	0.327	2.50		13C-12378-PeCDD	92.3	25-181	
123478-HxCDD	DL= 0.659	0.327	2.50		13C-123478-HxCDD	92.2	32-141	
123678-HxCDD	DL= 0.573	0.655	2.50		13C-123678-HxCDD	94.9	28-130	
123789-HxCDD	DL= 0.608	0.315	2.50		13C-1234678-HpCDD	96.7	23-140	
1234678-HpCDD	DL= 0.735	0.409	2.50		13C-OCDD	96.7	17-157	
OCDD	DL= 1.49	1.01	5.00		13C-2378-TCDF	82.5	24-169	
2,3,7,8-TCDF	DL= 0.497	0.0886	0.500		13C-12378-PeCDF	90.2	24-185	
12378-PeCDF	DL= 0.452	0.412	2.50		13C-23478-PeCDF	89.8	21-178	
23478-PeCDF	DL= 0.420	0.422	2.50		13C-123478-HxCDF	105	26-152	
123478-HxCDF	DL= 0.708	0.518	2.50		13C-123678-HxCDF	98.8	26-123	
123678-HxCDF	DL= 0.796	0.533	2.50		13C-234678-HxCDF	101	28-136	
234678-HxCDF	DL= 0.701	0.319	2.50		13C-123789-HxCDF	99.4	29-147	
123789-HxCDF	DL= 0.666	0.425	2.50		13C-1234678-HpCDF	99.3	28-143	
1234678-HpCDF	DL= 0.430	0.279	2.50		13C-1234789-HpCDF	101	26-138	
1234789-HpCDF	DL= 0.606	0.378	2.50					
OCDF	DL= 0.771	0.461	5.00					
Totals	Conc. (pg/g)	EMPC			CRS			
Total TCDD	DL= 0.411				37Cl4-2378-TCDD	94.4	35-197	
Total PeCDD	DL= 0.789							
Total HxCDD	DL= 0.659				DL - Signifies Non-Detect	(ND<) sample	e specific detection lin	mit.
Total HpCDD	DL= 0.735				EMPC - Estimated Maxim	um Possible (	Concentration due to	ion abundance
Total TCDF	DL= 0.497				ratio failure.			
Total PeCDF	DL= 0.452				(a) - Lower control limit - Upper control limit			
Total HxCDF	DL= 0.796				(b) - TEQ based on (2005) World Health Organization (WHO) Toxic			
Total HpCDF	DL= 0.606				Equivalent Factors.			

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



Quality Assurance SampleDate Received: NAOngoing Precision and RecoveryQC Batch #: 2557Date Extracted: 1/14/2022Matrix: SoilDate Analyzed: 1/16/2022Project ID: A2A0427Sample Size: 10.00 g

Analyte	Conc. (ng/mL)	Limits (a)	Labeled Standards	% Rec.	Limits (a)
2,3,7,8-TCDD	11.1	6.7-15.8	13C-2378-TCDD	97.1	20-175
12378-PeCDD	55.1	35-71	13C-12378-PeCDD	95.0	21-227
123478-HxCDD	57.1	35-82	13C-123478-HxCDD	85.7	21-193
123678-HxCDD	53.3	38-67	13C-123678-HxCDD	85.6	25-163
123789-HxCDD	54.0	32-81	13C-1234678-HpCDD	94.7	26-166
1234678-HpCDD	57.5	35-70	13C-OCDD	109	13-198
OCDD	106	78-144	13C-2378-TCDF	99.1	22-152
2,3,7,8-TCDF	11.6	7.5-15.8	13C-12378-PeCDF	94.1	21-192
12378-PeCDF	55.1	40-67	13C-23478-PeCDF	98.4	13-328
23478-PeCDF	55.6	34-80	13C-123478-HxCDF	80.5	19-202
123478-HxCDF	52.1	36-67	13C-123678-HxCDF	80.6	21-159
123678-HxCDF	58.6	42-65	13C-234678-HxCDF	83.6	22-176
234678-HxCDF	57.5	35-78	13C-123789-HxCDF	88.1	17-205
123789-HxCDF	53.8	39-65	13C-1234678-HpCDF	92.5	21-158
1234678-HpCDF	58.0	41-61	13C-1234789-HpCDF	104	20-186
1234789-HpCDF	57.8	39-69			
OCDF	108	63-170			
			CRS		
			37Cl4-2378-TCDD	111	31-191
			(a) Limits based on method	acceptance criteria.	



Client Sample ID: SED-COMP-W (A2A0427-03)

 Project ID: A2A0427
 Ceres Sample ID: 14949-001
 Date Received: 1/12/2022

 QC Batch #: 2557
 Date Extracted: 1/14/2022

Date Analyzed: 1/16/2022

Date Collected: 1/11/2022 Matrix: Soil

Time Collected: 11:10 AM Sample Size: 35.13 g % Solids: 14.3

Analyte Conc. (pg/g) MDL RL Qual. Labeled Standards % R LCL-UCL (a) Qualifiers

2,3,7,8-TCDD	DL= 0.540	0.172	0.996		13C-2378-TCDD	97.0	25-164		
12378-PeCDD	DL= 0.980	0.327	4.98		13C-12378-PeCDD	100	25-181		
123478-HxCDD	DL= 1.20	0.327	4.98		13C-123478-HxCDD	90.7	32-141		
123678-HxCDD	3.88	0.655	4.98	J	13C-123678-HxCDD	92.8	28-130		
123789-HxCDD	DL= 1.16	0.315	4.98		13C-1234678-HpCDD	86.3	23-140		
1234678-HpCDD	71.4	0.409	4.98		13C-OCDD	75.9	17-157		
OCDD	527	1.01	9.96		13C-2378-TCDF	87.0	24-169		
2,3,7,8-TCDF	2.73	0.0886	0.996		13C-12378-PeCDF	98.6	24-185		
12378-PeCDF	DL= 0.999	0.412	4.98		13C-23478-PeCDF	98.1	21-178		
23478-PeCDF	DL= 0.912	0.422	4.98		13C-123478-HxCDF	96.3	26-152		
123478-HxCDF	DL= 0.995	0.518	4.98		13C-123678-HxCDF	94.4	26-123		
123678-HxCDF	DL= 1.07	0.533	4.98		13C-234678-HxCDF	93.3	28-136		
234678-HxCDF	DL= 0.939	0.319	4.98		13C-123789-HxCDF	93.7	29-147		
123789-HxCDF	DL= 0.945	0.425	4.98		13C-1234678-HpCDF	82.6	28-143		
1234678-HpCDF	15.7	0.279	4.98		13C-1234789-HpCDF	101	26-138		
1234789-HpCDF	DL= 1.79	0.378	4.98						
OCDF	48.4	0.461	9.96						
Totals	Conc. (pg/g)	EMPC			<u>CRS</u>				
Total TCDD	DL= 0.540				37Cl4-2378-TCDD	117	35-197		
Total PeCDD	DL= 0.980								
Total HxCDD	28.8				DL - Signifies Non-Detect (	(ND<) sample s	specific detection limit.		
Total HpCDD	140				EMPC - Estimated Maximum Possible Concentration due to ion abundance				
Total TCDF	7.97				ratio failure.				
Total PeCDF	7.88				(a) - Lower control limit - Upper control limit				
Total HxCDF	21.2				(b) - TEQ based on (2005) World Health Organization (WHO) Toxic				
Total HpCDF	43.1				Equivalent Factors.				

Total Toxic Equivalency (TEQ min.) (b): 1.69 pg/g



Client Sample ID: SED-COMP-E (A2A0427-04)

 Project ID: A2A0427
 Ceres Sample ID: 14949-002
 Date Received: 1/12/2022

 QC Batch #: 2557
 Date Extracted: 1/14/2022

Date Analyzed: 1/16/2022

Date Collected: 1/11/2022 Matrix: Soil

Time Collected: 11:00 AM Sample Size: 35.52 g % Solids: 13.7

Analyte Conc. (pg/g) MDL RL Qual. Labeled Standards % R LCL-UCL (a) Qualifiers

2,3,7,8-TCDD	DL= 0.658	0.172	1.03	13C-2378-TCDD	97.4	25-164	
12378-PeCDD	DL= 0.891	0.327	5.14	13C-12378-PeCDD	103	25-181	
123478-HxCDD	DL= 1.12	0.327	5.14	13C-123478-HxCDD	91.6	32-141	
123678-HxCDD	1.92	0.655	5.14	13C-123678-HxCDD	90.5	28-130	
123789-HxCDD	DL= 1.08	0.315	5.14	13C-1234678-HpCDD	88.4	23-140	
1234678-HpCDD	45.9	0.409	5.14	13C-OCDD	75.2	17-157	
OCDD	363	1.01	10.3	13C-2378-TCDF	91.4	24-169	
2,3,7,8-TCDF	3.50	0.0886	1.03	13C-12378-PeCDF	99.4	24-185	
12378-PeCDF	DL= 0.686	0.412	5.14	13C-23478-PeCDF	101	21-178	
23478-PeCDF	DL= 0.614	0.422	5.14	13C-123478-HxCDF	100	26-152	
123478-HxCDF	DL= 0.930	0.518	5.14	13C-123678-HxCDF	89.7	26-123	
123678-HxCDF	DL= 1.09	0.533	5.14	13C-234678-HxCDF	95.1	28-136	
234678-HxCDF	DL= 0.946	0.319	5.14	13C-123789-HxCDF	96.3	29-147	
123789-HxCDF	DL= 0.887	0.425	5.14	13C-1234678-HpCDF	83.3	28-143	
1234678-HpCDF	9.54	0.279	5.14	13C-1234789-HpCDF	101	26-138	
1234789-HpCDF	DL= 1.13	0.378	5.14				
OCDF	33.5	0.461	10.3				
Totals	Conc. (pg/g)	EMPC		<u>CRS</u>			
Total TCDD	DL= 0.658			37Cl4-2378-TCDD	118	35-197	
Total PeCDD	DL= 0.891						
Total HxCDD	15.7			DL - Signifies Non-Detect (	ND<) sample	specific detection limit.	
Total HpCDD	89.7			EMPC - Estimated Maximum Possible Concentration due to ion abundance			
Total TCDF	19.4			ratio failure.			
Total PeCDF	4.42			(a) - Lower control limit - Upper control limit			
Total HxCDF	11.5			(b) - TEQ based on (2005)	World Health	Organization (WHO) Toxic	
Total HpCDF	27.3			Equivalent Factors.			

Total Toxic Equivalency (TEQ min.) (b): 1.22 pg/g



Client Sample ID: FM-COMP (A2A0427-05)

 Project ID: A2A0427
 Ceres Sample ID: 14949-003
 Date Received: 1/12/2022

 QC Batch #: 2557
 Date Extracted: 1/14/2022

Date Analyzed: 1/16/2022

Date Collected: 1/11/2022 Matrix: Soil

Time Collected: 11:30 AM Sample Size: 12.36 g % Solids: 83.6

% R **MDL** Qual. Labeled Standards LCL-UCL (a) Qualifiers Analyte Conc. (pg/g) RL2,3,7,8-TCDD 13C-2378-TCDD 25-164 DL= 0.196 0.172 0.484 97.4 12378-PeCDD DL= 0.358 0.327 2.42 13C-12378-PeCDD 102 25-181 123478-HxCDD DL= 0.390 0.327 2.42 13C-123478-HxCDD 96.1 32-141 123678-HxCDD 2.42 13C-123678-HxCDD 81.7 DL = 0.3430.655 28-130 123789-HxCDD DL = 0.3640.315 2.42 13C-1234678-HpCDD 85.0 23-140 1234678-HpCDD 16.3 0.409 2.42 13C-OCDD 74.0 17-157 OCDD 13C-2378-TCDF 104 1.01 4.84 89.3 24-169 2,3,7,8-TCDF 6.94 0.484 13C-12378-PeCDF 99.9 0.0886 24-185 12378-PeCDF DL= 0.305 0.412 2.42 13C-23478-PeCDF 100 21-178 23478-PeCDF DL= 0.286 0.422 2.42 13C-123478-HxCDF 97.9 26-152 123478-HxCDF DL= 0.238 0.518 2.42 13C-123678-HxCDF 86.6 26-123 123678-HxCDF 13C-234678-HxCDF DL= 0.264 0.533 2.42 95.4 28-136 234678-HxCDF DL= 0.216 2.42 13C-123789-HxCDF 92.3 29-147 0.319 123789-HxCDF DL= 0.228 0.425 2.42 13C-1234678-HpCDF 75.2 28-143 1234678-HpCDF 3.74 0.279 2.42 13C-1234789-HpCDF 93.7 26-138 1234789-HpCDF DL = 0.3400.378 2.42 OCDF 10.0 0.461 4.84 **EMPC CRS Totals** Conc. (pg/g) Total TCDD 3.00 37CI4-2378-TCDD 119 35-197 Total PeCDD DL= 0.358 Total HxCDD 5.31 DL - Signifies Non-Detect (ND<) sample specific detection limit. Total HpCDD 29.8 EMPC - Estimated Maximum Possible Concentration due to ion abundance Total TCDF 44.5 ratio failure. Total PeCDF 10.8 (a) - Lower control limit - Upper control limit Total HxCDF 4.15 (b) - TEQ based on (2005) World Health Organization (WHO) Toxic

Total Toxic Equivalency (TEQ min.) (b): 0.929 pg/g

8.57

Total HpCDF

Analyst: JMH Reviewed by: BS

Equivalent Factors.

# **Section VI: Sample Tracking**

#### SUBCONTRACT ORDER

### **Apex Laboratories** A2A0427





#### **SENDING LABORATORY:**

Apex Laboratories

6700 S.W. Sandburg Street

Tigard, OR 97223

Phone: (503) 718-2323

Fax: (503) 336-0745

Project Manager: Philip Nerenberg

#### **RECEIVING LABORATORY:**

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

Fax: -9

Sample Name: SED-COMP-W		Soil	Sampled: 01/11/22 11:10	(A2A0427-03)
Analysis	Due	Expires	Comments	
1613 Dioxin (Sub)  Containers Supplied:  (B)4 oz Glass Jar	01/18/22 17:00	01/11/23 11:10		
Sample Name: SED-COMP-E		Soil	Sampled: 01/11/22 11:00	(A2A0427-04)
Analysis	Due	Expires	Comments	
1613 Dioxin (Sub)  Containers Supplied: (B)4 oz Glass Jar	* 01/17/22 17:00	01/11/23 11:00		
Sample Name: FM-COMP		Soil	Sampled: 01/11/22 11:30	(A2A0427-05)
Analysis	Due	Expires	Comments	
1613 Dioxin (Sub)  Containers Supplied: (B)4 oz Glass Jar	01/18/22 17:00	01/11/23 11:30		

5 day TAT

UPS (Shipper)

13/1422

UPS (Shipper)

Released By

Date

Received By

Date

10:02

Sample Receipt Check List Logged by: \_\_\_\_\_(initials)

Ceres ID: / 4949		Date/Time:	10:02
Client Project ID: A2A0427		Received Temp	o: 2.3 °C
Chain of Custody Relinquished by signed?	- Commission - Com	(A), \	N
Chain of Custody Received by signed?		(Y)/	N
Custody Seals?	Present?	Y /	N
	Intact?	Y /	N
	NA:	N.	$\hat{\lambda}$
Unlabeled / Illegible Samples		Y	<b>(</b> )
Proper Containers:		\$	N
Preservation Acceptable (Chemical or Temperat	ure)?	(F)	N
Drinking Water, Sodium Thiosulfate present?  Residual Cl?  Aqueous sample pH:		Y / N Y /	NA N NA
List COC discrepancies:			The second second second second
11/2/22			,
List Damaged Samples:			
Mellalar			

# Section VII: Qualifiers/Abbreviations

J Concentration found below the lower quantitation limit but greater

than zero.

B Analyte present in the associated Method Blank.

E Concentration found exceeds the Calibration range of the

HRGC/HRMS.

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

X The concentration found is the estimated maximum possible

concentration due to chlorinated diphenyl ethers present in the

sample.

H Recovery limits exceeded. See cover letter.

\* Results taken from dilution.

I Interference. See cover letter.

**Conc.** Concentration Found

**DL** Calculated Detection Limit

ND Non-Detect

**% Rec.** Percent Recovery



#### Apex Laboratories, LLC

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

Tuesday, January 18, 2022 Jacob Faust Maul Foster & Alongi, INC. 3140 NE Broadway Street Portland, OR 97232

RE: A2A0427 - Blue Heron Paper Mill - 0496.02

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 A2A0427, which was received by the laboratory on 1/11/2022 at 12:35:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: <a href="mailto:pnerenberg@apex-labs.com">pnerenberg@apex-labs.com</a>, 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

(See Cooler Receipt Form for details)

Cooler #1 3.9 degC Cooler #2

5.5 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

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Philip Nerenberg, Lab Director

Philip Nevenberg



#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2A0427 - 01 18 22 1438

#### ANALYTICAL REPORT FOR SAMPLES

	SAMPLE INFORMATION									
Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received						
W-COMP-W	A2A0427-01	Water	01/11/22 10:30	01/11/22 12:35						
W-COMP-E	A2A0427-02	Water	01/11/22 10:45	01/11/22 12:35						
SED-COMP-W	A2A0427-03	Soil	01/11/22 11:10	01/11/22 12:35						
SED-COMP-E	A2A0427-04	Soil	01/11/22 11:00	01/11/22 12:35						
FM-COMP	A2A0427-05	Soil	01/11/22 11:30	01/11/22 12:35						

Apex Laboratories

Philip Nevenberg

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
V-COMP-W (A2A0427-01)				Matrix: Wa	ater	Batch:	22A0321	
Benzene	ND		0.250	ug/L	1	01/11/22 18:11	EPA 624.1	
Bromodichloromethane	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
Bromoform	ND		2.00	ug/L	1	01/11/22 18:11	EPA 624.1	
Bromomethane	ND		5.00	ug/L	1	01/11/22 18:11	EPA 624.1	
2-Butanone (MEK)	ND		10.0	ug/L	1	01/11/22 18:11	EPA 624.1	
Carbon tetrachloride	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
Chlorobenzene	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
Chloroethane	ND		5.00	ug/L	1	01/11/22 18:11	EPA 624.1	
2-Chloroethyl vinyl ether	ND		10.0	ug/L	1	01/11/22 18:11	EPA 624.1	
Chloroform	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
Chloromethane	ND		5.00	ug/L	1	01/11/22 18:11	EPA 624.1	
Dibromochloromethane	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
,2-Dichlorobenzene	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
,3-Dichlorobenzene	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
,4-Dichlorobenzene	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
Dichlorodifluoromethane	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
,1-Dichloroethane	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
,2-Dichloroethane (EDC)	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
,1-Dichloroethene	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
rans-1,2-Dichloroethene	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
,2-Dichloropropane	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
ris-1,3-Dichloropropene	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
rans-1,3-Dichloropropene	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
Ethylbenzene	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
Methylene chloride	ND		10.0	ug/L	1	01/11/22 18:11	EPA 624.1	
,1,2,2-Tetrachloroethane	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
tyrene	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
etrachloroethene (PCE)	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
oluene	ND		1.00	ug/L	1	01/11/22 18:11	EPA 624.1	
,1,1-Trichloroethane	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
,1,2-Trichloroethane	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
richloroethene (TCE)	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
richlorofluoromethane	ND		2.00	ug/L	1	01/11/22 18:11	EPA 624.1	

Apex Laboratories

Philip Nevenberg

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

Project:

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

**Blue Heron Paper Mill** 

	Pι	ırgeable Orgar	nic Compo	ounds by EPA 62	24.1			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
W-COMP-W (A2A0427-01)				Matrix: Wate	r	Batch: 22A0321		
Vinyl chloride	ND		0.500	ug/L	1	01/11/22 18:11	EPA 624.1	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery	v: 100 %	Limits: 80-120 %	1	01/11/22 18:11	EPA 624.1	
Toluene-d8 (Surr)			104 %	85-120 %	1	01/11/22 18:11	EPA 624.1	
4-Bromofluorobenzene (Surr)			104 %	75-120 %	I	01/11/22 18:11	EPA 624.1	
W-COMP-E (A2A0427-02)				Matrix: Wate	r	Batch: 2	22A0321	
Benzene	ND		0.250	ug/L	1	01/11/22 18:38	EPA 624.1	
Bromodichloromethane	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1	
Bromoform	ND		2.00	ug/L	1	01/11/22 18:38	EPA 624.1	
Bromomethane	ND		5.00	ug/L	1	01/11/22 18:38	EPA 624.1	
2-Butanone (MEK)	ND		10.0	ug/L	1	01/11/22 18:38	EPA 624.1	
Carbon tetrachloride	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1	
Chlorobenzene	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
Chloroethane	ND		5.00	ug/L	1	01/11/22 18:38	EPA 624.1	
2-Chloroethyl vinyl ether	ND		10.0	ug/L	1	01/11/22 18:38	EPA 624.1	
Chloroform	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1	
Chloromethane	ND		5.00	ug/L	1	01/11/22 18:38	EPA 624.1	
Dibromochloromethane	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1	
1,2-Dichlorobenzene	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
1,3-Dichlorobenzene	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
1,4-Dichlorobenzene	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
Dichlorodifluoromethane	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1	
1,1-Dichloroethane	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
1,2-Dichloroethane (EDC)	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
1,1-Dichloroethene	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
trans-1,2-Dichloroethene	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
1,2-Dichloropropane	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
cis-1,3-Dichloropropene	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1	
rans-1,3-Dichloropropene	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1	
Ethylbenzene	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
Methylene chloride	ND		10.0	ug/L	1	01/11/22 18:38	EPA 624.1	
1,1,2,2-Tetrachloroethane	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	
Styrene	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1	
Fetrachloroethene (PCE)	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1	

Apex Laboratories

Philip Nevenberg

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

	Purgeable Organic Compounds by EPA 624.1									
	Sample	Detection	Reporting			Date				
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes		
W-COMP-E (A2A0427-02)				Matrix: Wate	er	Batch:	22A0321			
Toluene	ND		1.00	ug/L	1	01/11/22 18:38	EPA 624.1			
1,1,1-Trichloroethane	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1			
1,1,2-Trichloroethane	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1			
Trichloroethene (TCE)	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1			
Trichlorofluoromethane	ND		2.00	ug/L	1	01/11/22 18:38	EPA 624.1			
Vinyl chloride	ND		0.500	ug/L	1	01/11/22 18:38	EPA 624.1			
Surrogate: 1,4-Difluorobenzene (Surr)		Recove	ery: 101 %	Limits: 80-120 %	6 I	01/11/22 18:38	EPA 624.1			
Toluene-d8 (Surr)			105 %	85-120 %	6 I	01/11/22 18:38	EPA 624.1			
4-Bromofluorobenzene (Surr)			102 %	75-120 %	6 I	01/11/22 18:38	EPA 624.1			

Apex Laboratories

Philip Marenberg

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

		Polychlorina	ted Bipheny	ls by EPA 8082	2A			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SED-COMP-W (A2A0427-03RE2)		Matrix: Soil Batch: 22A0488				22A0488	C-07	
Aroclor 1016	ND	35.7	71.4	ug/kg dry	1	01/14/22 17:34	EPA 8082A	
Aroclor 1221	ND	35.7	71.4	ug/kg dry	1	01/14/22 17:34	EPA 8082A	
Aroclor 1232	ND	35.7	71.4	ug/kg dry	1	01/14/22 17:34	EPA 8082A	
Aroclor 1242	ND	35.7	71.4	ug/kg dry	1	01/14/22 17:34	EPA 8082A	
Aroclor 1248	ND	35.7	71.4	ug/kg dry	1	01/14/22 17:34	EPA 8082A	
Aroclor 1254	ND	35.7	71.4	ug/kg dry	1	01/14/22 17:34	EPA 8082A	
Aroclor 1260	ND	35.7	71.4	ug/kg dry	1	01/14/22 17:34	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 43 %	Limits: 60-125 %	6 I	01/14/22 17:34	EPA 8082A	S-03
SED-COMP-E (A2A0427-04RE2)		Matrix: Soil Batch: 22A0488		22A0488	C-07			
Aroclor 1016	ND	42.4	84.9	ug/kg dry	1	01/14/22 18:45	EPA 8082A	Q-42
Aroclor 1221	ND	42.4	84.9	ug/kg dry	1	01/14/22 18:45	EPA 8082A	Q-42
Aroclor 1232	ND	42.4	84.9	ug/kg dry	1	01/14/22 18:45	EPA 8082A	Q-42
Aroclor 1242	ND	42.4	84.9	ug/kg dry	1	01/14/22 18:45	EPA 8082A	Q-42
Aroclor 1248	ND	42.4	84.9	ug/kg dry	1	01/14/22 18:45	EPA 8082A	Q-42
Aroclor 1254	ND	42.4	84.9	ug/kg dry	1	01/14/22 18:45	EPA 8082A	Q-42
Aroclor 1260	ND	42.4	84.9	ug/kg dry	1	01/14/22 18:45	EPA 8082A	Q-42
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 51 %	Limits: 60-125 %	6 I	01/14/22 18:45	EPA 8082A	S-03
FM-COMP (A2A0427-05)				Matrix: Soil		Batch: 2	22A0384	C-07
Aroclor 1016	ND	5.88	11.8	ug/kg dry	1	01/12/22 19:25	EPA 8082A	
Aroclor 1221	ND	5.88	11.8	ug/kg dry	1	01/12/22 19:25	EPA 8082A	
Aroclor 1232	ND	5.88	11.8	ug/kg dry	1	01/12/22 19:25	EPA 8082A	
Aroclor 1242	ND	5.88	11.8	ug/kg dry	1	01/12/22 19:25	EPA 8082A	
Aroclor 1248	ND	5.88	11.8	ug/kg dry	1	01/12/22 19:25	EPA 8082A	
Aroclor 1254	158	5.88	11.8	ug/kg dry	1	01/12/22 19:25	EPA 8082A	
Aroclor 1260	ND	5.88	11.8	ug/kg dry	1	01/12/22 19:25	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 75 %	Limits: 60-125 %	6 I	01/12/22 19:25	EPA 8082A	

Apex Laboratories

Philip Nevenberg

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Philip Nerenberg, Lab Director

Page 6 of 36



#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

Project: Blue Heron Paper Mill

3140 NE Broadway Street Project Number: 0496.02
Portland, OR 97232 Project Manager: Jacob Faust

Report ID: A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

		Total Meta	als by EPA 60	20B (ICPMS)				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SED-COMP-W (A2A0427-03)				Matrix: Soi	I			
Batch: 22A0389								
Arsenic	12.9	3.58	7.16	mg/kg dry	10	01/12/22 23:27	EPA 6020B	
Barium	170	3.58	7.16	mg/kg dry	10	01/12/22 23:27	EPA 6020B	
Cadmium	ND	0.716	1.43	mg/kg dry	10	01/12/22 23:27	EPA 6020B	
Chromium	42.1	3.58	7.16	mg/kg dry	10	01/12/22 23:27	EPA 6020B	
Lead	11.3	0.716	1.43	mg/kg dry	10	01/12/22 23:27	EPA 6020B	
Mercury	ND	0.287	0.573	mg/kg dry	10	01/12/22 23:27	EPA 6020B	
Silver	ND	0.716	1.43	mg/kg dry	10	01/12/22 23:27	EPA 6020B	
SED-COMP-W (A2A0427-03RE1)				Matrix: Soi	I			
Batch: 22A0389								
Selenium	ND	3.58	7.16	mg/kg dry	10	01/13/22 13:45	EPA 6020B	
SED-COMP-E (A2A0427-04)				Matrix: Soi	I			
Batch: 22A0389								
Arsenic	14.9	4.91	9.82	mg/kg dry	10	01/12/22 23:46	EPA 6020B	
Barium	183	4.91	9.82	mg/kg dry	10	01/12/22 23:46	EPA 6020B	
Cadmium	ND	0.982	1.96	mg/kg dry	10	01/12/22 23:46	EPA 6020B	
Chromium	44.5	4.91	9.82	mg/kg dry	10	01/12/22 23:46	EPA 6020B	
Lead	13.0	0.982	1.96	mg/kg dry	10	01/12/22 23:46	EPA 6020B	
Mercury	ND	0.393	0.786	mg/kg dry	10	01/12/22 23:46	EPA 6020B	
Silver	ND	0.982	1.96	mg/kg dry	10	01/12/22 23:46	EPA 6020B	
SED-COMP-E (A2A0427-04RE1)				Matrix: Soi	I			
Batch: 22A0389								
Selenium	ND	4.91	9.82	mg/kg dry	10	01/13/22 13:55	EPA 6020B	
FM-COMP (A2A0427-05)				Matrix: Soi	I			
Batch: 22A0389								
Arsenic	5.12	0.626	1.25	mg/kg dry	10	01/12/22 23:55	EPA 6020B	
Barium	133	0.626	1.25	mg/kg dry	10	01/12/22 23:55	EPA 6020B	
Cadmium	0.472	0.125	0.250	mg/kg dry	10	01/12/22 23:55	EPA 6020B	
Chromium	8.22	0.626	1.25	mg/kg dry	10	01/12/22 23:55	EPA 6020B	
Lead	5.86	0.125	0.250	mg/kg dry	10	01/12/22 23:55	EPA 6020B	
Mercury	ND	0.0501	0.100	mg/kg dry	10	01/12/22 23:55	EPA 6020B	

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)										
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes		
FM-COMP (A2A0427-05)		Matrix: Soil								
Silver	ND	0.125	0.250	mg/kg dry	10	01/12/22 23:55	EPA 6020B			
FM-COMP (A2A0427-05RE1)				Matrix: Soi	il					
Batch: 22A0389										
Selenium	1.58	0.626	1.25	mg/kg dry	10	01/13/22 14:04	EPA 6020B			

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street Portland, OR 97232 Project: Blue Heron Paper Mill

Project Number: **0496.02**Project Manager: **Jacob Faust** 

Report ID: A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

Demand Parameters								
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
W-COMP-W (A2A0427-01)				Matrix: W	ater	-		
Batch: 22A0378								
Biochemical Oxygen Demand	ND		3.16	mg/L	1	01/17/22 14:00	SM 5210 B	
W-COMP-E (A2A0427-02)				Matrix: W	ater			
Batch: 22A0378	_							
Biochemical Oxygen Demand	ND		3.16	mg/L	1	01/17/22 14:00	SM 5210 B	

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

Solid and Moisture Determinations									
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
W-COMP-W (A2A0427-01)				Matrix: W	ater				
Batch: 22A0443									
Total Suspended Solids	ND		5.00	mg/L	1	01/13/22 10:41	SM 2540 D	SO-1	
W-COMP-E (A2A0427-02)				Matrix: W	ater				
Batch: 22A0443									
Total Suspended Solids	ND		5.00	mg/L	1	01/13/22 10:41	SM 2540 D	SO-1	

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street

Portland, OR 97232

Project: **Blue Heron Paper Mill** Project Number: 0496.02

Project Manager: Jacob Faust

Report ID: A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

		Conventio	nal Chemistr	y Parameter:	s			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
W-COMP-W (A2A0427-01)				Matrix: Wa	ter			
Batch: 22A0333								
рН	7.7			pH Units	1	01/11/22 15:47	SM 4500-H+ B	H-12
pH Temperature (deg C)	21.3			pH Units	1	01/11/22 15:47	SM 4500-H+ B	H-12
W-COMP-E (A2A0427-02)				Matrix: Wa	ter			
Batch: 22A0333								
pH	7.3			pH Units	1	01/11/22 15:51	SM 4500-H+ B	H-12
pH Temperature (deg C)	21.1			pH Units	1	01/11/22 15:51	SM 4500-H+ B	H-12

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. 3140 NE Broadway Street

Portland, OR 97232

Project: Blue Heron Paper Mill

Project Number: **0496.02**Project Manager: **Jacob Faust** 

Report ID: A2A0427 - 01 18 22 1438

#### ANALYTICAL SAMPLE RESULTS

		Pe	ercent Dry W	eight				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SED-COMP-W (A2A0427-03)				Matrix: So	oil	Batch:	22A0415	
% Solids	13.6		1.00	%	1	01/13/22 07:53	EPA 8000D	
SED-COMP-E (A2A0427-04)				Matrix: So	oil	Batch:	22A0415	
% Solids	11.1		1.00	%	1	01/13/22 07:53	EPA 8000D	
FM-COMP (A2A0427-05)				Matrix: So	oil	Batch: 22A0415		
% Solids	82.2		1.00	%	1	01/13/22 07:53	EPA 8000D	

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

# QUALITY CONTROL (QC) SAMPLE RESULTS Purgeable Organic Compounds by EPA 624.1

#### Detection Reporting Spike Source % REC **RPD** % REC Limits RPD Analyte Result Ĺimit Units Dilution Amount Result Limit Notes Limit

Batch 22A0321 - EPA 5030B						Wa	iter		
Blank (22A0321-BLK1)		Prepared:	01/11/22 07:	:30 Anal	yzed: 01/11/	/22 10:36			
EPA 624.1									
Acetone	ND	 20.0	ug/L	1				 	
Benzene	ND	 0.250	ug/L	1				 	
Bromodichloromethane	ND	 1.00	ug/L	1				 	
Bromoform	ND	 2.00	ug/L	1				 	
Bromomethane	ND	 5.00	ug/L	1				 	
2-Butanone (MEK)	ND	 10.0	ug/L	1				 	
Carbon tetrachloride	ND	 1.00	ug/L	1				 	
Chlorobenzene	ND	 0.500	ug/L	1				 	
Chloroethane	ND	 5.00	ug/L	1				 	
2-Chloroethyl vinyl ether	ND	 10.0	ug/L	1				 	
Chloroform	ND	 1.00	ug/L	1				 	
Chloromethane	ND	 5.00	ug/L	1				 	
Dibromochloromethane	ND	 1.00	ug/L	1				 	
1,2-Dichlorobenzene	ND	 0.500	ug/L	1				 	
1,3-Dichlorobenzene	ND	 0.500	ug/L	1				 	
1,4-Dichlorobenzene	ND	 0.500	ug/L	1				 	
Dichlorodifluoromethane	ND	 1.00	ug/L	1				 	
1,1-Dichloroethane	ND	 0.500	ug/L	1				 	
1,2-Dichloroethane (EDC)	ND	 0.500	ug/L	1				 	
1,1-Dichloroethene	ND	 0.500	ug/L	1				 	
trans-1,2-Dichloroethene	ND	 0.500	ug/L	1				 	
1,2-Dichloropropane	ND	 0.500	ug/L	1				 	
cis-1,3-Dichloropropene	ND	 1.00	ug/L	1				 	
rans-1,3-Dichloropropene	ND	 1.00	ug/L	1				 	
Ethylbenzene	ND	 0.500	ug/L	1				 	
Methylene chloride	ND	 10.0	ug/L	1				 	
1,1,2,2-Tetrachloroethane	ND	 0.500	ug/L	1				 	
Styrene	ND	 1.00	ug/L	1				 	
Tetrachloroethene (PCE)	ND	 0.500	ug/L	1				 	
Toluene	ND	 1.00	ug/L	1				 	
1,1,1-Trichloroethane	ND	 0.500	ug/L	1				 	
1,1,2-Trichloroethane	ND	 0.500	ug/L	1				 	
Trichloroethene (TCE)	ND	 0.500	ug/L	1				 	

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

### QUALITY CONTROL (QC) SAMPLE RESULTS

		F	Purgeable (	Organic C	compoun	ds by EPA	A 624.1					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0321 - EPA 5030B							Wa	iter				
Blank (22A0321-BLK1)			Prepared	1: 01/11/22	07:30 Ana	lyzed: 01/11	/22 10:36					
Trichlorofluoromethane	ND		2.00	ug/L	1							
Vinyl chloride	ND		0.500	ug/L	1							
Acrolein	ND		5.00	ug/L	1							
Acrylonitrile	ND		2.00	ug/L	1							
Xylenes, total	ND		0.900	ug/L	1							
Surr: 1,4-Difluorobenzene (Surr)		Rec	overy: 99 %	Limits: 80	0-120 %	Dilt	ution: 1x					
Toluene-d8 (Surr)			104 %	85	5-120 %		"					
4-Bromofluorobenzene (Surr)			104 %	75	5-120 %		"					
LCS (22A0321-BS1)			Prepared	1: 01/11/22	07:30 Anal	lyzed: 01/11	/22 09:33					
EPA 624.1						<u>-</u>						
Acetone	68.5		20.0	ug/L	1	40.0		171	39-160%			Q-
Benzene	19.9		0.250	ug/L	1	20.0		99	65-135%			
Bromodichloromethane	21.7		1.00	ug/L	1	20.0		109	65-135%			
Bromoform	19.4		2.00	ug/L	1	20.0		97	70-130%			
Bromomethane	23.6		5.00	ug/L	1	20.0		118	15-185%			
2-Butanone (MEK)	56.8		10.0	ug/L	1	40.0		142	56-143%			
Carbon tetrachloride	20.3		1.00	ug/L	1	20.0		102	70-130%			
Chlorobenzene	19.1		0.500	ug/L	1	20.0		95	65-135%			
Chloroethane	22.1		5.00	ug/L	1	20.0		111	40-160%			
2-Chloroethyl vinyl ether	20.5		10.0	ug/L	1	20.0		102	1-225%			
Chloroform	20.8		1.00	ug/L	1	20.0		104	70-135%			
Chloromethane	21.2		5.00	ug/L	1	20.0		106	1-205%			
Dibromochloromethane	23.2		1.00	ug/L	1	20.0		116	70-135%			
1,2-Dichlorobenzene	20.7		0.500	ug/L	1	20.0		104	65-135%			
1,3-Dichlorobenzene	21.1		0.500	ug/L	1	20.0		106	70-130%			
1,4-Dichlorobenzene	20.4		0.500	ug/L	1	20.0		102	65-135%			
Dichlorodifluoromethane	22.9		1.00	ug/L	1	20.0		114	32-152%			
1,1-Dichloroethane	21.2		0.500	ug/L	1	20.0		106	70-130%			
1,2-Dichloroethane (EDC)	20.8		0.500	ug/L	1	20.0		104	70-130%			
1,1-Dichloroethene	23.2		0.500	ug/L	1	20.0		116	50-150%			
rans-1,2-Dichloroethene	22.9		0.500	ug/L	1	20.0		114	70-130%			
,2-Dichloropropane	21.0		0.500	ug/L	1	20.0		105	35-165%			
eis-1,3-Dichloropropene	19.5		1.00	ug/L	1	20.0		98	25-175%			

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

### QUALITY CONTROL (QC) SAMPLE RESULTS

		P	urgeable C	Organic C	ompoun	ds by EPA	624.1					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0321 - EPA 5030B							Wa	ter				
LCS (22A0321-BS1)			Prepared	1: 01/11/22	07:30 Ana	yzed: 01/11/	/22 09:33					
trans-1,3-Dichloropropene	16.7		1.00	ug/L	1	20.0		84	50-150%			
Ethylbenzene	20.2		0.500	ug/L	1	20.0		101	60-140%			
Methylene chloride	19.9		10.0	ug/L	1	20.0		99	60-140%			
1,1,2,2-Tetrachloroethane	20.5		0.500	ug/L	1	20.0		103	60-140%			
Styrene	20.4		1.00	ug/L	1	20.0		102	78-123%			
Tetrachloroethene (PCE)	20.6		0.500	ug/L	1	20.0		103	70-130%			
Toluene	19.7		1.00	ug/L	1	20.0		99	70-130%			
1,1,1-Trichloroethane	20.0		0.500	ug/L	1	20.0		100	70-130%			
1,1,2-Trichloroethane	20.6		0.500	ug/L	1	20.0		103	70-130%			
Trichloroethene (TCE)	21.4		0.500	ug/L	1	20.0		107	65-135%			
Trichlorofluoromethane	27.5		2.00	ug/L	1	20.0		138	50-150%			
Vinyl chloride	23.9		0.500	ug/L	1	20.0		119	5-195%			
Acrolein	38.5		5.00	ug/L	1	20.0		193	60-140%			Q-2
Acrylonitrile	20.7		2.00	ug/L	1	20.0		103	60-140%			
Xylenes, total	60.3		0.900	ug/L	1	60.0		101	79-121%			
Surr: 1,4-Difluorobenzene (Surr)		Recon	very: 100 %	Limits: 80	0-120 %	Dilı	ıtion: 1x					
Toluene-d8 (Surr)			100 %		5-120 %		"					
4-Bromofluorobenzene (Surr)			97 %		5-120 %		"					
Duplicate (22A0321-DUP1)			Prepared	l: 01/11/22	08:35 Anal	yzed: 01/11/	/22 12:23					
QC Source Sample: Non-SDG (A2	A0337-01)											
Acetone	ND		20.0	ug/L	1		ND				30%	
Benzene	ND		0.250	ug/L	1		ND				61%	
Bromodichloromethane	ND		1.00	ug/L	1		ND				56%	
Bromoform	ND		2.00	ug/L	1		ND				42%	
Bromomethane	ND		5.00	ug/L	1		ND				61%	
2-Butanone (MEK)	ND		10.0	ug/L	1		ND				30%	
Carbon tetrachloride	ND		1.00	ug/L	1		ND				41%	
Chlorobenzene	ND		0.500	ug/L	1		ND				53%	
Chloroethane	ND		5.00	ug/L	1		ND				78%	
2-Chloroethyl vinyl ether	ND		10.0	ug/L	1		ND				71%	
Chloroform	ND		1.00	ug/L	1		ND				54%	
	ND		5.00	ug/L	1		ND				60%	
Chloromethane												

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

### QUALITY CONTROL (QC) SAMPLE RESULTS

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0321 - EPA 5030B							Wa	ter				
Duplicate (22A0321-DUP1)			Prepared	: 01/11/22	08:35 Anal	yzed: 01/11/	/22 12:23					
QC Source Sample: Non-SDG (A2)	A0337-01)											
1,2-Dichlorobenzene	ND		0.500	ug/L	1		ND				57%	
1,3-Dichlorobenzene	ND		0.500	ug/L	1		ND				43%	
1,4-Dichlorobenzene	ND		0.500	ug/L	1		ND				57%	
Dichlorodifluoromethane	ND		1.00	ug/L	1		ND				30%	
1,1-Dichloroethane	ND		0.500	ug/L	1		ND				40%	
1,2-Dichloroethane (EDC)	ND		0.500	ug/L	1		ND				49%	
1,1-Dichloroethene	ND		0.500	ug/L	1		ND				32%	
trans-1,2-Dichloroethene	ND		0.500	ug/L	1		ND				45%	
1,2-Dichloropropane	ND		0.500	ug/L	1		ND				55%	
cis-1,3-Dichloropropene	ND		1.00	ug/L	1		ND				58%	
trans-1,3-Dichloropropene	ND		1.00	ug/L	1		ND				86%	
Ethylbenzene	ND		0.500	ug/L	1		ND				63%	
Methylene chloride	ND		10.0	ug/L	1		ND				28%	
1,1,2,2-Tetrachloroethane	ND		0.500	ug/L	1		ND				61%	
Styrene	ND		1.00	ug/L	1		ND				30%	
Tetrachloroethene (PCE)	1.31		0.500	ug/L	1		1.23			6	39%	
Toluene	ND		1.00	ug/L	1		ND				41%	
1,1,1-Trichloroethane	ND		0.500	ug/L	1		ND				36%	
1,1,2-Trichloroethane	ND		0.500	ug/L	1		ND				45%	
Trichloroethene (TCE)	1.32		0.500	ug/L	1		1.36			3	48%	
Trichlorofluoromethane	ND		2.00	ug/L	1		ND				84%	
Vinyl chloride	ND		0.500	ug/L	1		ND				66%	
Acrolein	ND		5.00	ug/L	1		ND				60%	
Acrylonitrile	ND		2.00	ug/L	1		ND				60%	
Xylenes, total	ND		0.900	ug/L	1		ND				30%	
Surr: 1,4-Difluorobenzene (Surr)		Reco	very: 100 %	Limits: 80	0-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			103 %	85	5-120 %		"					
4-Bromofluorobenzene (Surr)			104 %	75	5-120 %		"					
Matrix Spike (22A0321-MS1)			Prenared	: 01/11/22	08:35 Anal	yzed: 01/11/	/22 14:10					
	A 03/12 02\		Trepured	. 01/11/22	55.55 / Hidi	., 200. 01/11/	11.10					
QC Source Sample: Non-SDG (A2) EPA 624.1	AU342-U2)											
Acetone	42.2		20.0	ug/L	1	40.0	ND	106	39-160%			

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Philip Nerenberg, Lab Director

Philip Nevenberg

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

# QUALITY CONTROL (QC) SAMPLE RESULTS Purgeable Organic Compounds by EPA 624.1

#### % REC RPD Detection Reporting Spike Source Analyte Result Limit Units Dilution % REC RPD Limit Amount Result Limits Limit Notes Batch 22A0321 - EPA 5030B Water Matrix Spike (22A0321-MS1) Prepared: 01/11/22 08:35 Analyzed: 01/11/22 14:10 QC Source Sample: Non-SDG (A2A0342-02) Benzene 21.5 0.250 ug/L 1 20.0 ND 108 37-151% 1.00 20.0 Bromodichloromethane 23.1 ug/L 1 ND 116 35-155% ug/L Bromoform 19.2 2.00 1 20.0 ND 96 45-169% Bromomethane 25.7 5.00 ug/L 1 20.0 ND 128 1-242% 2-Butanone (MEK) 41.3 10.0 1 40.0 ND 103 56-143% ug/L Carbon tetrachloride 20.0 20.5 1.00 ug/L 1 ND 103 70-140% ug/L Chlorobenzene 20.4 0.500 1 20.0 ND 102 37-160% 20.0 Chloroethane 26.2 5.00 ug/L 1 ND 131 14-230% Q-02 2-Chloroethyl vinyl ether ND 10.0 ug/L 1 20.0 ND 1-305% Chloroform 26.6 1.00 ug/L 1 20.0 4.44 111 51-138% Chloromethane 24.8 5.00 ug/L 1 20.0 ND 124 1-273% Dibromochloromethane 1.00 20.0 23.7 ug/L 1 ND 119 53-149% 20.0 1,2-Dichlorobenzene 21.4 0.500 ug/L 1 ND 107 18-190% 20.0 0.500 ND 105 1,3-Dichlorobenzene 21.0 ug/L 1 59-156% ug/L 1,4-Dichlorobenzene 20.8 0.500 1 20.0 ND 104 18-190% Dichlorodifluoromethane 24.8 1.00 ug/L 1 20.0 ND 124 32-152% \_\_\_ 1,1-Dichloroethane 22.9 0.500 ug/L 1 20.0 ND 114 59-155% 22.5 20.0 ND 1,2-Dichloroethane (EDC) 0.500 112 49-155% ug/L 1 20.0 1-234% 1,1-Dichloroethene 24.8 0.500 ug/L 1 ND 124 0.500 trans-1,2-Dichloroethene 20.0 ND 124 54-156% 24.8 ug/L 1 22.4 20.0 ND 1-210% 1,2-Dichloropropane 0.500 ug/L 1 112 cis-1,3-Dichloropropene 19.4 ---1.00 ug/L 1 20.0 ND 97 1-227% trans-1,3-Dichloropropene 16.1 1.00 ug/L 1 20.0 ND 80 17-183% 0.500 20.0 ND 108 Ethylbenzene 21.7 1 37-162% --ug/L 10.0 20.0 1-221% Methylene chloride 21.3 ug/L 1 ND 106

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1,1,2,2-Tetrachloroethane

Tetrachloroethene (PCE)

1,1,1-Trichloroethane

1,1,2-Trichloroethane

Trichloroethene (TCE)

Trichlorofluoromethane

Stvrene

Toluene

22.6

2.32

21.5

21.2

21.0

21.9

22.8

30.9

0.500

1.00

0.500

1.00

0.500

0.500

0.500

2.00

---

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

1

1

1

1

1

1

1

1

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46-157%

78-123%

64-148%

47-150%

52-162%

52-150%

70-157%

17-181%

Q-01

Philip Nerenberg, Lab Director

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20.0

20.0

20.0

20.0

20.0

20.0

20.0

20.0

ND

ND

ND

ND

ND

ND

ND

ND

113

12

108

106

105

110

114

154



#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### QUALITY CONTROL (QC) SAMPLE RESULTS

#### Purgeable Organic Compounds by EPA 624.1 Detection Reporting Spike Source % REC **RPD** Analyte Result Ĺimit Units Dilution Amount Result % REC Limits RPD Limit Notes Limit Batch 22A0321 - EPA 5030B Water Matrix Spike (22A0321-MS1) Prepared: 01/11/22 08:35 Analyzed: 01/11/22 14:10 QC Source Sample: Non-SDG (A2A0342-02) 20.0 Vinyl chloride 26.7 0.500 ug/L 1 ND 134 1-251% Acrolein 42.8 5.00 20.0 Q-29 ug/L 1 ND 214 40-160% Acrylonitrile 22.2 20.0 ND 40-160% 2.00 ug/L 1 111 Xylenes, total 63.5 0.900 ug/L 1 60.0 ND 106 79-121% Surr: 1,4-Difluorobenzene (Surr) 100~%Limits: 80-120 % Recovery: Dilution: 1x Toluene-d8 (Surr) 101 % 85-120 % 4-Bromofluorobenzene (Surr) 96% 75-120 %

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### QUALITY CONTROL (QC) SAMPLE RESULTS

			Polychlor	rinated Bi	phenyls	by EPA 80	082A					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0384 - EPA 3546							So	il				
Blank (22A0384-BLK1)			Prepared	1: 01/12/22 (	8:59 Ana	lyzed: 01/12	2/22 17:38					C-0
EPA 8082A												
Aroclor 1016	ND	4.55	9.09	ug/kg we	t 1							
Aroclor 1221	ND	4.55	9.09	ug/kg we	t 1							
Aroclor 1232	ND	4.55	9.09	ug/kg we	t 1							
Aroclor 1242	ND	4.55	9.09	ug/kg we	t 1							
Aroclor 1248	ND	4.55	9.09	ug/kg we	t 1							
Aroclor 1254	ND	4.55	9.09	ug/kg we	t 1							
Aroclor 1260	ND	4.55	9.09	ug/kg we	t 1							
Surr: Decachlorobiphenyl (Surr)		Recov	ery: 104 %	Limits: 60	-125 %	Dili	ution: 1x					
LCS (22A0384-BS1)			Prepared	d: 01/12/22 (	8:59 Ana	lyzed: 01/12	2/22 17:56					C-0
EPA 8082A						-						
Aroclor 1016	231	5.00	10.0	ug/kg we	t 1	250		92	47-134%			
Aroclor 1260	234	5.00	10.0	ug/kg we		250		94	53-140%			
Surr: Decachlorobiphenyl (Surr)		Recov	ery: 101 %	Limits: 60		Dili	ution: 1x					
Duplicate (22A0384-DUP1)			Prepared	d: 01/12/22 (	8:59 Ana	lyzed: 01/12	2/22 18:50					C-0
QC Source Sample: Non-SDG (A2	2A0316-01)											
Aroclor 1016	ND	9.19	18.4	ug/kg dr	y 1		ND				30%	
Aroclor 1221	ND	9.19	18.4	ug/kg dr	y 1		ND				30%	
Aroclor 1232	ND	9.19	18.4	ug/kg dr			ND				30%	
Aroclor 1242	ND	9.19	18.4	ug/kg dr	v 1		ND				30%	
Aroclor 1248	ND	9.19	18.4	ug/kg dr			ND				30%	
Aroclor 1254	ND	9.19	18.4	ug/kg dr			ND				30%	
Aroclor 1260	ND	9.19	18.4	ug/kg dr			ND				30%	
Surr: Decachlorobiphenyl (Surr)		Reco	very: 90 %	Limits: 60		Dili	ution: 1x					
Matrix Spike (22A0384-MS1)			Prepared	d: 01/12/22 (	8:59 Ana	lyzed: 01/12	2/22 20:01					C-0
QC Source Sample: FM-COMP (	A2A0427-05	)										
EPA 8082A		=										
Aroclor 1016	267	5.76	11.5	ug/kg dr	y 1	288	ND	93	47-134%			
Aroclor 1260	325	5.76	11.5	ug/kg dr		288	ND	113	53-140%			
Surr: Decachlorobiphenyl (Surr)			very: 87%	Limits: 60			ution: 1x					

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 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
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#### **QUALITY CONTROL (QC) SAMPLE RESULTS**

#### Polychlorinated Biphenyls by EPA 8082A Detection Reporting Spike Source % REC **RPD** % REC Analyte Result Ĺimit Units Dilution Amount Result Limits RPD Limit Notes Limit Batch 22A0384 - EPA 3546 Soil

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### QUALITY CONTROL (QC) SAMPLE RESULTS

			Polychlo	rinated Bi <sub>l</sub>	ohenyls	by EPA 80	082A						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	No	otes
Batch 22A0488 - EPA 3546							So	il					
Blank (22A0488-BLK1)			Prepared	d: 01/14/22 0	7:30 Anal	yzed: 01/14	1/22 16:59						C-07
EPA 8082A													
Aroclor 1016	ND	4.55	9.09	ug/kg we	t 1								
Aroclor 1221	ND	4.55	9.09	ug/kg we	t 1								
Aroclor 1232	ND	4.55	9.09	ug/kg we	t 1								
Aroclor 1242	ND	4.55	9.09	ug/kg we	t 1								
Aroclor 1248	ND	4.55	9.09	ug/kg we	t 1								
Aroclor 1254	ND	4.55	9.09	ug/kg we	t 1								
Aroclor 1260	ND	4.55	9.09	ug/kg we	t 1								
Surr: Decachlorobiphenyl (Surr)		Reco	very: 112 %	Limits: 60-	125 %	Dil	ution: 1x						
LCS (22A0488-BS1)			Prepared	d: 01/14/22 0	7:30 Anal	yzed: 01/14	1/22 17:17						C-07
EPA 8082A													
Aroclor 1016	216	5.00	10.0	ug/kg we	t 1	250		86	47-134%				
Aroclor 1260	250	5.00	10.0	ug/kg we	t 1	250		100	53-140%				
Surr: Decachlorobiphenyl (Surr)		Reco	very: 108 %	Limits: 60-	125 %	Dil	ution: 1x						
Duplicate (22A0488-DUP1)			Prepared	d: 01/14/22 0	7:30 Anal	yzed: 01/14	1/22 18:10						C-07
QC Source Sample: SED-COMP-	W (A2A042	7-03RE2)											
EPA 8082A													
Aroclor 1016	ND	35.4	70.8	ug/kg dry	/ 1		ND				30%		
Aroclor 1221	ND	35.4	70.8	ug/kg dry	/ 1		ND				30%		
Aroclor 1232	ND	35.4	70.8	ug/kg dry	/ 1		ND				30%		
Aroclor 1242	ND	35.4	70.8	ug/kg dry	/ 1		ND				30%		
Aroclor 1248	ND	35.4	70.8	ug/kg dry	/ 1		ND				30%		
Aroclor 1254	ND	35.4	70.8	ug/kg dry	/ 1		ND				30%		
Aroclor 1260	ND	35.4	70.8	ug/kg dry	1		ND				30%		
Surr: Decachlorobiphenyl (Surr)		Reco	overy: 47 %	Limits: 60-	125 %	Dil	ution: 1x					S-03	
Matrix Spike (22A0488-MS1)			Prepared	d: 01/14/22 0	7:30 Anal	yzed: 01/14	1/22 19:20						C-07
OC Source Sample: SED-COMP- EPA 8082A	E (A2A0427	7-04RE2)											
Aroclor 1016	896	44.3	88.5	ug/kg dry	/ 1	2210	ND	40	47-134%				Q-
Aroclor 1260	1090	44.3	88.5	ug/kg dry		2210	ND	49	53-140%				O-

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#### **Apex Laboratories, LLC**

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Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### QUALITY CONTROL (QC) SAMPLE RESULTS

#### Polychlorinated Biphenyls by EPA 8082A Detection Reporting Spike Source % REC **RPD** % REC Analyte Result Ĺimit Units Dilution Amount Result Limits RPD Limit Limit Notes Batch 22A0488 - EPA 3546 Soil Matrix Spike (22A0488-MS1) Prepared: 01/14/22 07:30 Analyzed: 01/14/22 19:20 C-07 QC Source Sample: SED-COMP-E (A2A0427-04RE2) Dilution: 1x Surr: Decachlorobiphenyl (Surr) Recovery: 43 % Limits: 60-125 % S-03

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ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

### QUALITY CONTROL (QC) SAMPLE RESULTS

			Total M	letals by l	PA 6020	B (ICPMS	3)					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0389 - EPA 3051A							So	il				
Blank (22A0389-BLK1)			Prepared	: 01/12/22 1	0:24 Ana	lyzed: 01/12	/22 23:18					
EPA 6020B												
Arsenic	ND	0.487	0.975	mg/kg we	t 10							
Barium	ND	0.487	0.975	mg/kg we	t 10							
Cadmium	ND	0.0975	0.195	mg/kg we	t 10							
Chromium	ND	0.487	0.975	mg/kg we	t 10							
Lead	ND	0.0975	0.195	mg/kg we	t 10							
Mercury	ND	0.0390	0.0780	mg/kg we	t 10							
Silver	ND	0.0975	0.195	mg/kg we	t 10							
Blank (22A0389-BLK2)			Prepared	: 01/12/22 1	0:24 Anal	yzed: 01/13	/22 13:27					
EPA 6020B												
Selenium	ND	0.487	0.975	mg/kg we	t 10							Q-
LCS (22A0389-BS1)			Prepared	: 01/12/22 1	0:24 Anal	lyzed: 01/12	/22 23:22					
EPA 6020B			1									
Arsenic	48.8	0.487	0.975	mg/kg we	t 10	48.7		100	80-120%			
Barium	47.1	0.487	0.975	mg/kg we		48.7		97	80-120%			
Cadmium	48.2	0.0975	0.195	mg/kg we		48.7		99	80-120%			
Chromium	46.2	0.487	0.975	mg/kg we	t 10	48.7		95	80-120%			
Lead	47.3	0.0975	0.195	mg/kg we	t 10	48.7		97	80-120%			
Mercury	0.905	0.0390	0.0780	mg/kg we		0.975		93	80-120%			
Silver	24.6	0.0975	0.195	mg/kg we	t 10	24.4		101	80-120%			
LCS (22A0389-BS2)			Prepared	: 01/12/22 1	0:24 Ana	yzed: 01/13	/22 13:41					
EPA 6020B												
Selenium	24.6	0.487	0.975	mg/kg we	t 10	24.4		101	80-120%			Q-
Duplicate (22A0389-DUP1)		<u> </u>	Prepared	: 01/12/22 1	0:24 Anal	lyzed: 01/12	/22 23:32	· · · ·				
QC Source Sample: SED-COMP-	W (A2A042	7-03)	1			·						
EPA 6020B		<del></del>										
Arsenic	12.5	3.62	7.25	mg/kg dr	y 10		12.9			3	20%	
Barium	176	3.62	7.25	mg/kg dr			170			3	20%	
Cadmium	ND	0.725	1.45	mg/kg dr			ND				20%	

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#### **Apex Laboratories, LLC**

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ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street Portland, OR 97232

Project Number: **0496.02**Project Manager: **Jacob Faust** 

Project:

Report ID: A2A0427 - 01 18 22 1438

### QUALITY CONTROL (QC) SAMPLE RESULTS

**Blue Heron Paper Mill** 

			Total N	letals by l	EPA 6020	B (ICPMS	S)					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0389 - EPA 3051A							So	il				
Duplicate (22A0389-DUP1)			Prepared	: 01/12/22 1	0:24 Ana	lyzed: 01/12	/22 23:32					
QC Source Sample: SED-COMP-V	V (A2A042	7-03)										
Chromium	46.2	3.62	7.25	mg/kg dr	y 10		42.1			9	20%	
Lead	11.4	0.725	1.45	mg/kg dr	y 10		11.3			0.8	20%	
Mercury	ND	0.290	0.580	mg/kg dr	y 10		ND				20%	
Silver	ND	0.725	1.45	mg/kg dr	y 10		ND				20%	
Duplicate (22A0389-DUP2)			Prepared	: 01/12/22 1	0:24 Ana	lyzed: 01/13	/22 13:50					
QC Source Sample: SED-COMP-V	V (A2A042	7-03RE1)										
EPA 6020B												
Selenium	ND	3.62	7.25	mg/kg dr	y 10		ND				20%	Q-10
Matrix Spike (22A0389-MS1)			Prepared	: 01/12/22 1	0:24 Ana	lyzed: 01/12	/22 23:51					
QC Source Sample: SED-COMP-F	E (A2A0427	7-04)										
EPA 6020B												
Arsenic	498	4.99	9.97	mg/kg dr	y 10	499	14.9	97	75-125%			
Barium	681	4.99	9.97	mg/kg dr	y 10	499	183	100	75-125%			
Cadmium	480	0.997	1.99	mg/kg dr	y 10	499	ND	96	75-125%			
Chromium	513	4.99	9.97	mg/kg dr	y 10	499	44.5	94	75-125%			
Lead	489	0.997	1.99	mg/kg dr	y 10	499	13.0	95	75-125%			
Mercury	10.1	0.399	0.798	mg/kg dr	y 10	9.97	ND	102	75-125%			
Silver	249	0.997	1.99	mg/kg dr	y 10	249	ND	100	75-125%			
Matrix Spike (22A0389-MS2)			Prepared	: 01/12/22 1	0:24 Anal	lyzed: 01/13	/22 14:00					
QC Source Sample: SED-COMP-F	E (A2A0427	7-04RE1)										
EPA 6020B												
Selenium	234	4.99	9.97	mg/kg dr	y 10	249	ND	94	75-125%			Q-10

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ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### QUALITY CONTROL (QC) SAMPLE RESULTS

				Deman	d Parame	ters						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0378 - Method Prep	o: Aq						Wa	ter				
Blank (22A0378-BLK1)			Prepared	: 01/12/22	08:23 Ana	lyzed: 01/17	7/22 14:00					
SM 5210 B Biochemical Oxygen Demand	ND		4.00	mg/L	, 1							
Duplicate (22A0378-DUP1)			Prepared	: 01/12/22	08:23 Ana	lyzed: 01/17	7/22 14:00					
QC Source Sample: Non-SDG (A	2A0404-01)											
Biochemical Oxygen Demand	4.11		3.16	mg/L	, 1		4.07			1	15%	Q-29
Duplicate (22A0378-DUP2)			Prepared	: 01/12/22	18:04 Ana	lyzed: 01/17	7/22 14:00					
QC Source Sample: Non-SDG (A	2A0480-02)											
Biochemical Oxygen Demand	6.33		3.16	mg/L	, 1		6.47			2	15%	Q-29
Reference (22A0378-SRM1)			Prepared	: 01/12/22	08:23 Ana	lyzed: 01/17	7/22 14:00					
SM 5210 B Biochemical Oxygen Demand	234			mg/L	. 1	198		118	85-115%			O-29
					•	-70			55 115 70			

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 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### QUALITY CONTROL (QC) SAMPLE RESULTS

			Solid a	nd Moist	ture Dete	rmination	s					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0443 - Total Suspen	ded Solid	s		-	-	-	Wat	ter				
Blank (22A0443-BLK1)			Prepared	: 01/13/22	10:41 Ana	lyzed: 01/13	/22 10:41					
SM 2540 D Total Suspended Solids	ND		5.00	mg/L	1							
Duplicate (22A0443-DUP1)			Prepared	: 01/13/22	10:41 Ana	yzed: 01/13	/22 10:41					
QC Source Sample: Non-SDG (A2	A0433-02)											
Total Suspended Solids	8.00		5.00	mg/L	1		7.80			2.53	10%	
Duplicate (22A0443-DUP2)			Prepared	: 01/13/22	10:41 Ana	yzed: 01/13	/22 10:41					
QC Source Sample: Non-SDG (A2	A0465-01)											
Total Suspended Solids	ND		5.00	mg/L	1		ND				10%	SO-
Reference (22A0443-SRM1)			Prepared	: 01/13/22	10:41 Ana	lyzed: 01/13	/22 10:41					
SM 2540 D Total Suspended Solids	929			mg/L	1	812		114 8	34.9-115.19	%		

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

### QUALITY CONTROL (QC) SAMPLE RESULTS

	Conventional Chemistry Parameters											
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0333 - Method Prep	: Aq						Wa	ter				
Duplicate (22A0333-DUP1)			Prepared	: 01/11/22 0	9:12 Anal	yzed: 01/11/	/22 15:41					
QC Source Sample: Non-SDG (A2	A0417-01)											
pH	7.4			pH Units	1		7.4			0.5	2%	H-1
pH Temperature (deg C)	21.8			pH Units	1		22.7			4	30%	H-1
Reference (22A0333-SRM1)			Prepared	: 01/11/22 0	9:12 Anal	yzed: 01/11/	/22 09:28					
SM 4500-H+ B												
pH	6.0			pH Units	1	6.00		100	99-101%			
pH Temperature (deg C)	20.5			pH Units	1	20.0		102	50-200%			
Reference (22A0333-SRM2)			Prepared	: 01/11/22 0	9:12 Anal	yzed: 01/11/	/22 09:30					
SM 4500-H+ B												
pH	8.0			pH Units	1	8.00		100	99-101%			
pH Temperature (deg C)	20.5			pH Units	1	20.0		102	50-200%			
Reference (22A0333-SRM3)			Prepared	: 01/11/22 0	9:12 Anal	yzed: 01/11/	/22 15:37					
SM 4500-H+ B												
pH	6.0			pH Units	1	6.00		100	99-101%			
pH Temperature (deg C)	21.2			pH Units	1	20.0		106	50-200%			
Reference (22A0333-SRM4)			Prepared	: 01/11/22 0	9:12 Anal	yzed: 01/11/	/22 15:56					
SM 4500-H+ B												
pH	8.0			pH Units	1	8.00		100	99-101%			
pH Temperature (deg C)	21.0			pH Units	1	20.0		105	50-200%			

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ORELAP ID: OR100062

Maul Foster & Alongi, INC.

Project:

**Blue Heron Paper Mill** 

3140 NE Broadway Street Portland, OR 97232 Project Number: **0496.02**Project Manager: **Jacob Faust** 

Report ID: A2A0427 - 01 18 22 1438

### QUALITY CONTROL (QC) SAMPLE RESULTS

				Percen	t Dry Wei	ght						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22A0415 - Total Solids	Dry Weig	ht)					Soi	I				
Duplicate (22A0415-DUP1)			Prepared	: 01/12/22	13:03 Ana	lyzed: 01/13	/22 07:53					PRO
QC Source Sample: Non-SDG (A2	2A0357-04)											
% Solids	97.5		1.00	%	1		97.6			0.06	10%	
Duplicate (22A0415-DUP2)			Prepared	: 01/12/22	13:03 Ana	lyzed: 01/13	/22 07:53					
QC Source Sample: Non-SDG (A2	2A0437-01)											
% Solids	91.8		1.00	%	1		89.2			3	10%	
Duplicate (22A0415-DUP3)			Prepared	: 01/12/22	13:03 Ana	lyzed: 01/13	/22 07:53					
QC Source Sample: Non-SDG (A2	2A0438-01)											
% Solids	91.5		1.00	%	1		91.3			0.3	10%	
Duplicate (22A0415-DUP4)			Prepared	: 01/12/22	13:03 Ana	lyzed: 01/13	/22 07:53					
QC Source Sample: Non-SDG (A2	2A0460-01)											
% Solids	94.9		1.00	%	1		94.7			0.2	10%	
Duplicate (22A0415-DUP5)			Prepared	: 01/12/22	17:56 Ana	lyzed: 01/13	/22 07:53					
QC Source Sample: Non-SDG (A2	A0493-06)	·						·				
% Solids	98.7		1.00	%	1		98.7			0.02	10%	

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

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Philip Nerenberg, Lab Director

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### SAMPLE PREPARATION INFORMATION

	Purgeable Organic Compounds by EPA 624.1													
Prep: EPA 5030B					Sample	Default	RL Prep							
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor							
Batch: 22A0321														
A2A0427-01	Water	EPA 624.1	01/11/22 10:30	01/11/22 16:00	5mL/5mL	5mL/5mL	1.00							
A2A0427-02	Water	EPA 624.1	01/11/22 10:45	01/11/22 16:00	5mL/5mL	5mL/5mL	1.00							

	Polychlorinated Biphenyls by EPA 8082A													
Prep: EPA 3546					Sample	Default	RL Prep							
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor							
Batch: 22A0384														
A2A0427-05	Soil	EPA 8082A	01/11/22 11:30	01/12/22 08:59	10.34g/5mL	10g/5mL	0.97							
Batch: 22A0488														
A2A0427-03RE2	Soil	EPA 8082A	01/11/22 11:10	01/14/22 07:30	10.3g/5mL	10g/5mL	0.97							
A2A0427-04RE2	Soil	EPA 8082A	01/11/22 11:00	01/14/22 07:30	10.65g/5mL	10g/5mL	0.94							

		Tota	al Metals by EPA 602	0B (ICPMS)			
Prep: EPA 3051A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22A0389							
A2A0427-03	Soil	EPA 6020B	01/11/22 11:10	01/12/22 10:24	0.513g/50mL	0.5g/50mL	0.98
A2A0427-03RE1	Soil	EPA 6020B	01/11/22 11:10	01/12/22 10:24	0.513g/50mL	0.5g/50mL	0.98
A2A0427-04	Soil	EPA 6020B	01/11/22 11:00	01/12/22 10:24	0.46g/50mL	0.5g/50mL	1.09
A2A0427-04RE1	Soil	EPA 6020B	01/11/22 11:00	01/12/22 10:24	0.46g/50mL	0.5g/50mL	1.09
A2A0427-05	Soil	EPA 6020B	01/11/22 11:30	01/12/22 10:24	0.486g/50mL	0.5g/50mL	1.03
A2A0427-05RE1	Soil	EPA 6020B	01/11/22 11:30	01/12/22 10:24	0.486 g/50 mL	0.5g/50mL	1.03

	Demand Parameters													
Prep: Method Prep:	Aq				Sample	Default	RL Prep							
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor							
Batch: 22A0378														
A2A0427-01	Water	SM 5210 B	01/11/22 10:30	01/12/22 10:15	150mL/300mL	150mL/300mL	NA							
A2A0427-02	Water	SM 5210 B	01/11/22 10:45	01/12/22 10:15	150mL/300mL	150mL/300mL	NA							

#### Solid and Moisture Determinations

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Philip Nerenberg, Lab Director

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### SAMPLE PREPARATION INFORMATION

Solid and Moisture Determinations												
Prep: Total Suspended	Solids				Sample	le Default						
Lab Number	Matrix	Method	Prepared	Initial/Final	Initial/Final	Factor						
Batch: 22A0443												
A2A0427-01	Water	SM 2540 D	01/11/22 10:30	01/13/22 10:41			NA					
A2A0427-02	Water	SM 2540 D	01/11/22 10:45	01/13/22 10:41			NA					

	Conventional Chemistry Parameters													
Prep: Method Prep: A	<u>√q</u>				Sample	Default	RL Prep							
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor							
Batch: 22A0333														
A2A0427-01	Water	SM 4500-H+ B	01/11/22 10:30	01/11/22 15:09	20mL/20mL	20mL/20mL	NA							
A2A0427-02	Water	SM 4500-H+ B	01/11/22 10:45	01/11/22 15:09	20mL/20mL	20mL/20mL	NA							

Percent Dry Weight													
ght)				Sample	ole Default								
Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor							
Soil	EPA 8000D	01/11/22 11:10	01/12/22 13:03			NA							
Soil	EPA 8000D	01/11/22 11:00	01/12/22 13:03			NA							
Soil	EPA 8000D	01/11/22 11:30	01/12/22 13:03			NA							
	Matrix Soil Soil	Matrix Method  Soil EPA 8000D  Soil EPA 8000D	Matrix         Method         Sampled           Soil         EPA 8000D         01/11/22 11:10           Soil         EPA 8000D         01/11/22 11:00	Matrix         Method         Sampled         Prepared           Soil         EPA 8000D         01/11/22 11:10         01/12/22 13:03           Soil         EPA 8000D         01/11/22 11:00         01/12/22 13:03	Matrix         Method         Sampled         Prepared         Initial/Final           Soil         EPA 8000D         01/11/22 11:10         01/12/22 13:03           Soil         EPA 8000D         01/11/22 11:00         01/12/22 13:03	Matrix         Method         Sampled         Prepared         Initial/Final         Initial/Final           Soil         EPA 8000D         01/11/22 11:10         01/12/22 13:03           Soil         EPA 8000D         01/11/22 11:00         01/12/22 13:03							

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Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### **QUALIFIER DEFINITIONS**

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

#### **Apex Laboratories**

- C-07 Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
- H-12 Sample analysis was performed >15 minutes after sample collection. Consult regulator or permit manager to determine the usability of data for intended use.
- **PRO** Sample has undergone sample processing prior to extraction and analysis.
- Q-01 Spike recovery and/or RPD is outside acceptance limits.
- Q-02 Spike recovery is outside of established control limits due to matrix interference.
- Q-16 Reanalysis of an original Batch QC sample.
- Q-29 Recovery for Lab Control Spike (LCS) is above the upper control limit. Data may be 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.)
- S-03 Sample re-extract, or the analysis of an associated Batch QC sample, confirms surrogate failure due to sample matrix effect.
- SO-1 Result is considered an estimated value. Less than 1 liter of sample was used in analysis and the method minimum residue of 2.5 mg was not met. The reporting level has been adjusted accordingly to reflect the increased uncertainty of the result.

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 A2A0427 - 01 18 22 1438

#### REPORTING NOTES AND CONVENTIONS:

#### **Abbreviations:**

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

#### **Detection Limits:** Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('----'), then the data has not been evaluated below the Reporting Limit.

#### Reporting Limits: Limit of Quantitation (LOQ)

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

#### **Reporting Conventions:**

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

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

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

See Percent Solids section for details of dry weight analysis.

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

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

#### **QC Source:**

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

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) 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).

#### Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).

- -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.

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Philip Nerenberg, Lab Director

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2A0427 - 01 18 22 1438

#### **REPORTING NOTES AND CONVENTIONS (Cont.):**

#### Blanks (Cont.):

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

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

#### **Preparation Notes:**

#### Mixed Matrix Samples:

#### Water Samples:

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

#### Soil and Sediment Samples:

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

#### **Sampling and Preservation Notes:**

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

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

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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Philip Nevenberg



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 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

#### 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 <u>exception</u> 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 provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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 3140 NE Broadway Street
 Project Number: 0496.02
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 Portland, OR 97232
 Project Manager: Jacob Faust
 A2A0427 - 01 18 22 1438

Tab # ACA U94 ( COC / of )	Project Name Blue HOVON Dator (Mill	Email: FOUCH & MONITOSHE, COM	100	ANALISIS KRULIN	List full List	S of G of	SCO	10H Hol	-   \	( )	< ×				SPECIAL INSTRUCTIONS:		7 days	Date: RELANQUISHED BY: Date: Signature: Date: Date:	Time: Printed Name: Time: Printed Name: Time:
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323	Company: MTA Project Mer. Jacob Faust	Address 3/410 NE Broxdway St. Portland, 0297232 Phone: 760-419-10145	sampled by: Tessa Shabram & Mike Murray	Site Location:	OR WA CA	ez Dz HCID	ANTEH-	1 1 2 2 M 2 10;32 M 0	W-(OMP-E 1/1/2/10745 W 9	N	1 5 00:11/2/1/2 3- dWO)-C3S	=M-COMP \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			Standard Turn Around Time (TAT) = 10 Business Days	TAT December of Activities 1 Day 2 Day 3 Day	5 Day Standard Other;	RECEIVED BY:  Date: Date: Signature: A    \[ \sqrt{1}/22 \]  \[ \sqrt{1}/22 \]	Time: Printed Name: The STAKERM Time: Printed Name: The Stake STAKERM The STAK

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## **Apex Laboratories, LLC**

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ORELAP ID: OR100062

Maul Foster & Alongi, INC.
3140 NE Broadway Street

Portland, OR 97232

Project: Blue Heron Paper Mill

Project Number: **0496.02**Project Manager: **Jacob Faust** 

Report ID: A2A0427 - 01 18 22 1438

APEX LABS COOLER RECEIPT FORM
Client: MFA Element WO#: A2 A0477
Project/Project #: Blue Heron Paper Mill #0496.02
Delivery Info:
Date/time received: 1111/22 @ 1235 By: AKK
Delivered by: Apex Client ESS FedEx UPS Swift Senvoy SDS Other
Cooler Inspection Date/time inspected: 1111/22 @ 1240 By: AKC
Chain of Custody included? Yes Y No Custody seals? Yes No
Signed/dated by client? Yes No
Signed/dated by Apex? Yes Yes No
Cooler #1 Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6 Cooler #7  Temperature (°C) 3.9 5.5  Received on ice? (Y/N) Y
COC/container discrepancies form initiated? Yes No >
Containers/volumes received appropriate for analysis? Yes No. Comments: MALL 7 1-1
containers/volumes received appropriate for analysis? Yes \ No Comments: ONLY 2 1-L party received for BCD, TSS and pH - (water samples)
Do VOA vials have visible headspace? Yes No NA NA
Comments
Water samples: pH checked: YesNoNA_× pH appropriate? YesNoNA ×
Comments:
Additional information:
Labeled by: Witness: Cooler Inspected by:
WAS WW HAS

Apex Laboratories

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## **Attachment 3**

**Photographic Log** 





**Project Name:** Water Filtration Plant Demolition

Project Number: M0496.02.004
Location: Oregon City, Oregon

# Photo No. 1. Description

1/7/2022

Removing cladding from upper structure, looking northwest



Photo No. 2. Description 5/1/2022

East side structure demolition, looking west





**Project Name:** Water Filtration Plant Demolition

Project Number: M0496.02.004
Location: Oregon City, Oregon

Photo No. 3. Description 5/5/2022

Demolition progress, looking north



Photo No. 4.

Description

5/5/2022

Demolition progress, looking northwest





**Project Name:** Water Filtration Plant Demolition

Project Number: M0496.02.004
Location: Oregon City, Oregon

# Photo No. 5. Description

6/3/2022

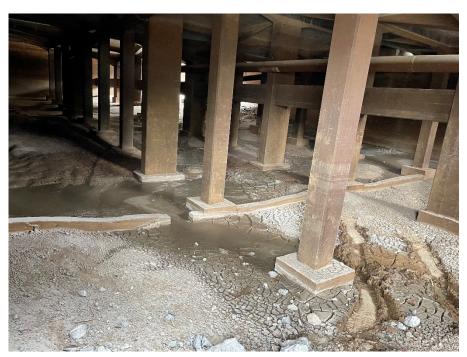
Sediment located in basement below west half of structure, looking northeast



# Photo No. 6. Description

7/5/2022

Sediment located in basement below east half of structure, looking northeast





**Project Name:** Water Filtration Plant Demolition

Project Number: M0496.02.004
Location: Oregon City, Oregon

Photo No. 7.
Description

6/16/2022

Demolition progress east half of structure, looking north



Photo No. 8.

Description

8/23/2022

Final site condition.
Looking northwest





Photo No. 9.

Description

8/23/2022

Final site condition, looking northwest

# **Photographs**

**Project Name:** Water Filtration Plant Demolition

Project Number: M0496.02.004
Location: Oregon City, Oregon



## Attachment 4

**Asbestos Closeout Documentation** 





#### OREGON WASHINGTON

777 S.W. ARMCO AVENUE HILLSBORO, OREGON 97123

(503) 693-6388 ASBESTOS LEAD MOLD CCB#155646 ENVIRONMENTAL

SERVICES

FAX (503) 693-7221 WA# IRSENI\*972N5 MWEB # 10447

Date: February 21, 2023

John Sullivan **Elder Demolition** 6400 101st Ave #201 Portland, OR 97266

Re: Blue Heron Mill Phase I - 300 Main St, Oregon City

Dear Mr. Sullivan

IRS Environmental completed removal and proper disposal of asbestos containing materials for demolition per survey taken by Apex from the above referenced address in the following buildings:

Building Name or	Date	ACM removed	Cert #	
#				
Mill Office	2021.09.10	CAB	Isaias Cacatzum	S15870
Mill Office	2021.10.07 - 11.5	Built up roofing	Diego Sanchez	S16070
			Adrian Barragan	S16326
Water Filter Plant, Guard	2021.11.08 – 11.15	CAB, Roofing, Mastic on	Diego Sanchez	S16070
Shack Ofc		concrete floor		
Water Filter	2021.11.15 -	CAB	Diego Sanchez	S16070
Fire Debris	2021.11.16 - 11.22	Fire Contaminated debris	Adrian Barragan	S16326
Truck dump Bldg	2021.12.27	Transite Panels	Bob Craft	S16031
Water Treatment	2022.04.22	CAB	Diego Sanchez	S16070
Carpenter Shop	2022.04.26 - 27	Built up roofing	Adrian Barragan	S16326
Water Treatment Plant	2022.07.15	Transite Pipe wrapped in	Bob Craft	S16031
		concrete		
Millright shop	2022.07.18	Tile/mastic	Diego Sanchez	S16070
Water Treatment Plant	2022.07.23 - 07.25	Transite Pipe wrapped in	Bob Craft	S16031
		concrete	Delfino Hernandez	S16263

Enclosed please find the following closeout documents regarding the work at the above referenced location:

- ASN4 Manifests (86 documents)
- ASN1 DEQ notifications & NPE Variance

Should you have any questions or require any additional information, please feel free to call our office at 503-693-6388.

Regards,

Nancy Nguyen

Nancy Nguyen CEO, IRS Environmental of Portland, Inc

## ASN 4

## FRIABLE JOB # 21761 ASBESTOS WASTE SHIPMENT REPORT FORM



PLEASE PRINT OR TYPE. If you have questions, contact your local DEQ Regional Office in Portland 503-229-5364, Salem 503-378-5086, Medford 541-776-6107, Coos Bay 541-269-2721 ext. 222, Bend 541-633-2019, or Pendleton 541-278-4626.

	TE GENERATOR: (Contractor, Facility, or Operator) Asbestos removal site name and address: Blue	Heron Mill		
	300 Main St	Oregon City O	Clackamas	97045
	Street	City/State	County	Zip
	Contact person: Jeff Elder		e: <u>503-515-8314</u>	
	Contractor/Operator's name and address: IRS Er	nvironmental of Portland, Inc.	Phone: _503-693-6	388
	777 SW Armco Ave		Washington	97123
	Street	City/State	County	Zip
	Waste disposal site: Hillsboro Landfill - Waste			
	3205 SE Minter Bridge Rd	Hillsboro, OR		97123 Zip
	Describe asbestos materials:	City/State	County	2050
	Describe asbestos materials:	1 1,13e asca	DA CAU	
	Containers: Number:	Type	BA-6 MIL Wrap Bu	-12-6
	Total quantity (cubic yards):	260 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. Wroop Bu	1110
	transport according to all government regulations.  Shipment Record Form.  Agent:	/		
	3 = 0 F( }-	The All	IRS Environmental	of Portland, In
	Agent: SOO CPATT DO	Company:	117	
	Address:	BORO, OR 97123	e:	
	NODODEED (C)			
€A	.NSPORTER(S): Transporter #1: (Acknowledgment of receipt of mate	erials)	Di. ( - ( - (	1.
	Agent: Josh Christens	O M Company:	LIGE!	111656
	Transporter #1: (Acknowledgment of receipt of mate Agent: Sosh Christens Address: 54/0 NE 109 A. A. Signature.	VE PDX OK Phon	e: (20 37 525-	6144
	Signature:		Date:	1-22
	Transporter #2: Weknowledgment of receipt of mat			
	Agent:	Company:		
	Address:		e:	
	Signature:		Date:	
	Signature.			
S	POSAL: (Certification of receipt of asbestos material	s covered by this manifest, except as	noted in item 11 below.)	UL 1 9 2022
	Waste Disposal Site: Hillsboro Landfill - Wast	e Management	<u></u>	or i genee
	Name and Title: HLI - Operator	hert (MH)	Date:(6	03) 640-9427
	11711	1 Am	Phone: (503) 640-	
	Signature:	P		
l.	DISCREPANCY SPACE: (Add attachments as r	needed)		
	DISCREPANCY SPACE: (Add attachments as r	needed)		

(Revised 4/14)

## ASN 4

## FRIABLE JOB # 21761 ASBESTOS WASTE SHIPMENT REPORT FORM



PLEASE PRINT OR TYPE. If you have questions, contact your local DEQ Regional Office in Portland 503-229-5364, Salem 503-378-5086, Medford 541-776-6107, Coos Bay 541-269-2721 ext. 222, Bend 541-633-2019, or Pendleton 541-278-4626.

Asbestos removal site nan 300 Main St		Oregon City	Clackamas	97045
Street		City/State	County	Zip
Contact person: Jeff Elde	er		none: <u>503-515-8314</u>	
Contractor/Operator's nat	me and address: IRS E	Environmental of Portland, Ir	Phone: 503-693	-6388
	Armco Ave	Hillsboro / OR	Washington	97123
Street		City/State	County	Zip
Vaste disposal site: Hillsl			none: (503) 640-9427	07400
	Minter Bridge Rd	Hillsboro, OR City/State	Washington Co	97123 Zip
Street Describe asbestos materia	als: Iransi	te Pipe In		
Containers:	Number:	ТТ	ype: BA - 6 MIĽ	
Fotal quantity (cubic yards			SBL words &	witto
Chimmont Dogord Form		ns. All movement of this asbes		
(a) 12 miles			mere and the second of the sec	
Agent:	109th Ave 3	Partland Or 97220	none: (503)	252-614
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NSPORTER(S): Transporter #1: (Acknowl Agent:	ledgment of receipt of ma	aterials)	ny: IRS Environmental c	
NSPORTER(S): Transporter #1: (Acknowl Agent:	ledgment of receipt of ma	aterials) Compa R 97123 P	ny: IRS Environmental o	of Portland
Address: 54/0 NE  NSPORTER(S): Transporter #1: (Acknowl Agent: Address: 777 SW Armo	ledgment of receipt of ma	aterials) Compa R 97123 P	ny: IRS Environmental c	of Portland
NSPORTER(S):  Transporter #1: (Acknowl Agent:  Address: 777 SW Armod Signature:  Transporter #2: (Acknowl	ledgment of receipt of macco Ave, Hillsboro, Ol	Compa	ny: IRS Environmental of hone: 503 693 6388  Date: 7 - 24	of Portland  0 - 2Z
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NSPORTER(S):  Transporter #1: (Acknowl Agent:  Address: 777 SW Armodern Signature:  Transporter #2: (Acknowl Agent:  Address: 54/6 \$\frac{1}{2}\$ \$\frac{1}{2	ledgment of receipt of macco Ave, Hillsboro, Oldedgment of receipt of macco Ave Por	aterials)  R 97123  P aterials)  Compa  Think Or 97220  als covered by this manifest, excep	ny: IRS Environmental of hone: 503 693 6388  Date: 7 - 20  ny: 2-ver c+ 3  hone: 503 2-52-  Date: 7-20	of Portland  0 - 2Z  Environme  -6144
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NSPORTER(S): Transporter #1: (Acknowl Agent: Address: 777 SW Armo Signature: Transporter #2: (Acknowl Agent: Address: 54/6 Acknowl Agent: Signature: OSAL: (Certification of rewaste Disposal Site: Name and Title: HLI - OSignature:	ledgment of receipt of macco Ave, Hillsboro, Oldedgment of receipt of macco Ave Portage eceipt of asbestos materialisboro Landfill, - Was Operator	aterials)  R 97123  P aterials)  Compa  Think Or 97220  als covered by this manifest, excep	ny: IRS Environmental of hone: 503 693 6388  Date: 7 - 24  ny: 2-ver c+ 3  hone: 503 252-  Date: 7-26  It as noted in item 11 below.)  Date:	Fire vonne - 6144 0 - 22

#### FRIABLE JOB # 21761 ASBESTOS WASTE SHIPMENT REPORT FORM



Asbestos removal site name and address: BI 300 Main St	Oregon City/OV	Clackamas	97045
Street	City/State	County 3 -	93-6388
Contact person: Jason Samek	Phone		
Contractor/Operator's name and address: IR	S Environmental of Portland, Inc.	Phone: _503-69	3-6388
777 SW Armco Ave	Hillsboro / OR	Washington	97123
Street	City/State	County	Zip
Waste disposal site: Hillsboro Landfill - Wa	aste Management Phone	(503) 640-9427	
3205 SE Minter Bridge Ro	d Hillsboro, OR	Washington Co County	97123 Zip
Street	City/State	-	-
Describe asbestos materials:			
Containers: Number:	Type:	BA - 6 MIL	
Total quantity (cubic yards):/10			
Address.	Company:Company:ChapterPhone	:	88
777 SW ARMCO AVE, HI Address:  SPORTER(S):  Gransporter #1: (Acknowledgment of receipt of Whitney Smi	Transferials)  The materials and the materials are company:	:	88
777 SW ARMCO AVE, HI Address:  SPORTER(S):  Gransporter #1: (Acknowledgment of receipt of Whitney Smi	Transferials)  The materials and the materials are company:	IRS Environmenta	al of Portland
777 SW ARMCO AVE, HI Address:  SPORTER(S): Fransporter #1: (Acknowledgment of receipt of Whitney Smith Magent:  Address: 777 SW Armco Ave, Hillsboro,	Transferials)  The materials and the materials are company:	:	88
777 SW ARMCO AVE, HI Address:  SPORTER(S): Fransporter #1: (Acknowledgment of receipt of Whitney Smi Address:  777 SW Armco Ave, Hillsboro, Signature:  Why  Fransporter #2: (Acknowledgment of receipt of	th Company:  OR 97123 Phone  Phone	IRS Environmenta	al of Portland  JUL 2 2 2022
777 SW ARMCO AVE, HI Address:  Fransporter #1: (Acknowledgment of receipt of Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Signature: Www.  Fransporter #2: (Acknowledgment of receipt of Agent: Whitney Smi	materials)  th Company:  OR 97123 Phone  Finaterials)  Company:  Company:  Company:	IRS Environmenta  : 503-693-6388  Date:  Hillsboro Garbage	al of Portland  JUL 2 2 2022
777 SW ARMCO AVE, HI Address: 777 SW ARMCO AVE, HI Fransporter #1: (Acknowledgment of receipt of Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Signature: 777 SW Armco Ave, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro,	materials)  th Company:  OR 97123 Phone  Finaterials)  Company:  Company:  Company:	IRS Environmenta  : 503-693-638  : 503-693-6388  Date:	al of Portland  JUL 2 2 2022
777 SW ARMCO AVE, HI Address: 777 SW ARMCO AVE, HI Fransporter #1: (Acknowledgment of receipt of Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Signature: 777 SW Armco Ave, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro,	materials)  th Company:  OR 97123 Phone  Finaterials)  Company:  Company:  Company:	IRS Environmenta  : 503-693-6388  Date:  Hillsboro Garbage	al of Portland  JUL 2 2 2022
Address: 777 SW ARMCO AVE, HI Address: 777 SW ARMCO AVE, HI Fransporter #1: (Acknowledgment of receipt of Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Bignature: 777 SW Armco Ave, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro, Signature: 4945 SW Minter Bridge Rd, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro,	materials)  th Company: OR 97123 Phone  f materials)  Company: Company: Ilsboro, OR 97123 Phone	IRS Environmenta e: 503-693-6388 Date: Hillsboro Garbage e: (503) 648-4219 Date:	al of Portland  JUL 2 2 2022
Address: 777 SW ARMCO AVE, HI Address: 777 SW ARMCO AVE, HI Agent: Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Signature: Whitney Smi Address: 4945 SW Minter Bridge Rd, Hillsbirg Signature: 4945 SW Minter Bridge Rd, Hillsbirg Address: 4945	materials)  th Company: OR 97123 Phone  materials) Company: Company: Ilsboro, OR 97123 Phone  derials covered by this manifest, except as	IRS Environmenta e: 503-693-6388 Date: Hillsboro Garbage e: (503) 648-4219 Date:	al of Portland  JUL 2 2 2022
Address: 777 SW ARMCO AVE, HI Address: 777 SW Armco Ave, Hillsboro, Agent: 777 SW Armco Ave, Hillsboro, Address: 777 SW Armco Ave, Hillsboro, Agent: 778 SW Armco Ave, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro Rignature: 788 Address: 4945 SW Minter Bridge Rd, Hillsboro Landfill - V Waste Disposal Site: Hillsboro Landfill - V	materials)  th Company: OR 97123 Phone  materials) Company: Company: Ilsboro, OR 97123 Phone  derials covered by this manifest, except as	IRS Environmenta e: 503-693-6388 Date: Hillsboro Garbage e: (503) 648-4219 Date: noted in item 11 below	al of Portland  JUL 2 2 2022  e  JUL 2 2 202
Address: 777 SW ARMCO AVE, HI Address: 777 SW ARMCO AVE, HI Agent: Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Signature: Whitney Smi Address: 4945 SW Minter Bridge Rd, Hillsbirg Signature: 4945 SW Minter Bridge Rd, Hillsbirg Address: 4945	materials)  th Company: OR 97123 Phone  materials) Company: Company: Ilsboro, OR 97123 Phone  derials covered by this manifest, except as	IRS Environmenta e: 503-693-6388 Date: Hillsboro Garbage e: (503) 648-4219 Date: noted in item 11 below	al of Portland  JUL 2 2 2022  e  JUL 2 2 2022
Address: 777 SW ARMCO AVE, HI Address: 777 SW ARMCO AVE, HI SPORTER(S): Fransporter #1: (Acknowledgment of receipt of Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Signature: 777 SW Armco Ave, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro Signature: 788 Minter Bridge Rd, Hillsboro Landfill - V Waste Disposal Site: Hillsboro Landfill - V Name and Title: HLI - Operator	materials) th Company: OR 97123 Phone  f materials) Company: Ilsboro, OR 97123 Phone  terials covered by this manifest, except as vaste Management	IRS Environmenta e: 503-693-6388 Date: Hillsboro Garbage e: (503) 648-4219 Date: noted in item 11 below Phone: (503)	al of Portland  JUL 2 2 2022  BUL 2 2 2022  BUL 2 2 2022  BUL 2 2 2022
Address: 777 SW ARMCO AVE, HI Address: 777 SW ARMCO AVE, HI SPORTER(S): Fransporter #1: (Acknowledgment of receipt of Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Signature: 777 SW Armco Ave, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro Signature: 788 Minter Bridge Rd, Hillsboro Landfill - V Waste Disposal Site: Hillsboro Landfill - V Name and Title: HLI - Operator	materials) th Company: OR 97123 Phone  f materials) Company: Ilsboro, OR 97123 Phone  terials covered by this manifest, except as vaste Management	IRS Environmenta e: 503-693-6388 Date: Hillsboro Garbage e: (503) 648-4219 Date: noted in item 11 below Phone: (503)	al of Portland  JUL 2 2 2022  BUL 2 2 2022  BUL 2 2 2022  BUL 3 2 2022  BUL 3 2 2022
Address: 777 SW ARMCO AVE, HI Address: 777 SW ARMCO AVE, HI Example 1: (Acknowledgment of receipt of Whitney Smi Address: 777 SW Armco Ave, Hillsboro, Signature: 777 SW Armco Ave, Hillsboro, Address: 4945 SW Minter Bridge Rd, Hillsboro Signature: 788 Signature: 789 Minter Bridge Rd, Hillsboro Landfill - Waste Disposal Site: Hillsboro Landfill - Waste Disposal Site: Hillsboro Landfill - Waste Disposal Site: HILL - Operator	materials) th Company: OR 97123 Phone  f materials) Company: Ilsboro, OR 97123 Phone  terials covered by this manifest, except as vaste Management	IRS Environmenta e: 503-693-6388 Date: Hillsboro Garbage e: (503) 648-4219 Date: noted in item 11 below Phone: (503)	al of Portland  JUL 2 2 2022  BUL 2 2 2022  BUL 2 2 2022  BUL 2 2 2022

# ASBESTOS WASTE SHIPMENT REPORT FORM



Asbestos removal site name and address:	ue Heron Mill	Clackamas	97045
300 Main St	Oregon City / OK	County	Zip
Street		ne:	
Contact person: Jason Samek			388
Contractor/Operator's name and address: IR	S Environmental of Fortality	Washington	97123
777 SW Armco Ave	Hillsboro / OR City/State	County	Zip
Street	_	one: (503) 640-9427	
Waste disposal site: Hillsboro Landfill - Wa	30to Manag	Washington Co	97123
3205 SE Minter Bridge R	d Hillsboro, OR City/State	~ .	Zip
Street  Describe asbestos materials:  Transii	to Prio Tocased	o in Concret	e
Describe asbestos materials:	Tu	pe: BA - 6 MIL	
Containers: Number:	Ty	pe: BA-6 MIL BL wrop Bu	140
Total quantity (cubic yards):	4123		
	C.4.1	consignment are fully and a	ccurately described
OPERATOR'S CERTIFICATION: I her above by proper shipping name and are cla	ssified, packaged, marked and label	ed, and are in all respects in	proper condition for
above by proper shipping name and are cla transport according to all government regu	lations. All movement of this asbest	os-containing material is rec	orded on this waste
Shipment Record Form.			
	Compai	IRS Environmenta	Of Fortiaria, inc
Agent: Bot Craff Bot			
777 SW ARMCO AVE, H	ILLSBORO, OR 97123	503-693-6388	
Address:		none:	149
RANSPORTER(S):  Transporter #1: (Acknowledgment of receipt	of materials)	Liver (1)	- Y
Agent: Josh Chrystey	South	(En2) 757	-6144
RANSPORTER(S): Transporter #1: (Acknowledgment of receipt Agent: Style Address: 5410 NE 109th	AVE PDX OR P	hone: (305)232	7-77
Address.	>	Date: 7-25	,
Signature			
Transporter #2: (Acknowledgment of receipt	Compa	nny:	
Agent.	P	hone:	
Address:		Date:	
Signature:			
		nt as noted in item 11 below.)	
ISPOSAL: (Certification of receipt of asbestos	Manate Management		
0. Waste Disposal Site: Hillsboro Langfill	- Waste Management	Data	uu 9 5.2022
Name and Title: HLI - Operator	TANKINILI	Date:Phone: (503) 64	196 ~ 0 006
	10 A AH	Phone: (503) 04	(503) 640-9427
Signature:	7 0 1		
1. DISCREPANCY SPACE: (Add attachm	ents as needed)		
	Append of the control		
	related in the control of the contro		
(Revised 4/14)			

# FRIABLE JOB # 21701 ASBESTOS WASTE SHIPMENT REPORT FORM



Ontact perso Contractor/Op Waste disposa Describe asbec Containers: Total quantity OPERATO above by pro transport acc Shipment Re Agent: Address: Transporter Agent: Transporter Agent: Address: Signature: Transporter Agent: Address: Signature: Transporter Agent: Address: Signature: Address: Signature: One Waste Dist	s removal site name and address: Blue	Orogon City Ad	Clackamas	97045
Waste disposa  Describe asbe Containers: Total quantity  OPERATO above by pro transport acc Shipment Re Agent:  Address:  ANSPORTEI Transporter Agent:  Transporter Agent:  Address:  Signature:  Address:  Signature:  Address:  Signature:  Address:  Signature:  Address:  Signature:  On Waste Dist	Main St	Oregon City (NAC)	County	Zip
Waste disposa  Describe asbe Containers: Total quantity  OPERATO above by pro transport acc Shipment Re Agent:  Address:  ANSPORTEI Transporter Agent:  Transporter Agent:  Address:  Signature:  Address:  Signature:  Address:  Signature:  Address:  Signature:  Address:  Signature:  On Waste Dist	Street	Phone:		
Describe asbectontainers: Total quantity OPERATO above by protransport accomment Research and a second accomment Research and a second accomment Research and a second accommendation	person: Jason Samek		Phone: 503-693-63	388
Describe asbectontainers: Total quantity OPERATO above by protransport accomment Research and a second accomment Research and a second accomment Research and a second accommendation	person: <u>Jason Samek</u> tor/Operator's name and address: <u>IRS En</u>	VITOITINE ITEM OF T OTHER TO, 1995		97123
Describe asbect Containers: Total quantity OPERATO above by protransport acc Shipment Research Address:  ANSPORTE Transporter Agent: Address: Transporter Agent: Address: Signature: Address: Signature: Address: Signature: Address: Signature: Address: Signature:	777 SW Armco Ave	HIISDOIO / OIX	Washington County	Zip
Describe asbect Containers: Total quantity OPERATO above by protransport acc Shipment Research Address:  ANSPORTE Transporter Agent: Address: Transporter Agent: Address: Signature: Address: Signature: Address: Signature: Address: Signature: Address: Signature:	Street	City/State	(503) 640-9427	
Describe asbect Containers: Total quantity OPERATO above by protransport acc Shipment Research Shipment Research Address:  ANSPORTE Transporter Agent: Address: Signature: Transporter Agent: Address: Signature: Address: Signature: Address: Signature: Address: Signature:	lisposal site: Hillsboro Landfill - Waste	TO TO S	Washington Co	97123
Containers: Total quantity OPERATO above by pro transport acc Shipment Re Agent: Address: Transporter Agent: Transporter Agent: Transporter Agent: Signature: Address: Signature: Signature: Address: Signature: Address: Signature: On Waste Dist	2205 SE Minter Bridge Rd	Hillsboro, OR		7in
Containers: Total quantity OPERATO above by pro transport acc Shipment Re Agent: Address: Transporter Agent: Transporter Agent: Transporter Agent: Signature: Address: Signature: Signature: Address: Signature: Address: Signature: On Waste Dist	Street	Pag Tract	ed in Con	crete
Containers: Total quantity OPERATO above by pro transport acc Shipment Re Agent: Address: Transporter Agent: Transporter Agent: Transporter Agent: Signature: Address: Signature: Signature: Address: Signature: Address: Signature: On Waste Dist	Street e asbestos materials:	C INC WISC	BA-6 MIL . Wrep Bur?	
Total quantity  OPERATO above by protransport acc Shipment Re  Agent:  Address:  ANSPORTE  Transporter Agent:  Transporter Agent:  Transporter Agent:  Signature:  Address:  Signature:  Signature:  Address:  Signature:	Number:	Type.	DA-OWIE	140
above by protransport accessing transport accessing and transporter Agent:  Address:  Ansporter Agent:  Transporter Agent:  Transporter Agent:  Address:  Signature:  Address:  Signature:  Address:  Signature:	Aiden (makin yarda)			
above by protransport accessions accessions accessions accession a	ATOR'S CERTIFICATION: I hereby of	that the contents of this co	nsignment are fully and a	ccurately described
above by protransport accessing shipment Research Agent:  Address:  ANSPORTED Transporter Agent:  Address:  Signature:  Address:  Signature:  Signature:  Address:  Signature:  Address:  Signature:	ATOR'S CERTIFICATION: I hereby of by proper shipping name and are classified by the control of the classified by the cla	d packaged, marked and labeled,	and are in all respects in	proper condition fo
Agent:	by proper shipping name and are classified out according to all government regulation	s. All movement of this asbestos-	containing material is reco	orded on this wast
Agent:	ent Record Form.			CD attend to
Ansporter Agent: Address: Address: Signature: Address: Signature: Address: Signature: Address:	EIN ROOM I SAME	Bob Gaff Company:	IRS Environmental	of Portland, inc
Ansporter Agent: Address: Address: Signature: Address: Signature: Address: Signature: Address:	BODD. Cup			
Address: ANSPORTE! Transporter Agent: Address: Signature: Address: Signature:  Signature:  Address: Signature:	777 SW ARMCO AVE, HILLS	SBORO, OR 97123	503-693-6388	
Agent: Address: Signature:  [SPOSAL: (C	ss:	Filon	e: <u>(971)</u> 285-3	7249
Agent: Address: Signature:  [SPOSAL: (C		<u></u>	, ,	
Agent: Address: Signature:  [SPOSAL: (C	RTER(S):	terials)	0.	E.
Agent: Address: Signature:  [SPOSAL: (C	porter #1: (Acknowledgment of receipt of the	Company:	Court Cit	7
Agent: Address: Signature:  [SPOSAL: (C	Late of 100th Aug Po	- Hand OR 97220Phor	ne: 503-252	- 6147
Agent: Address: Signature:  [SPOSAL: (C	ess:5419 NE 101/1 1102 /	.3/	Date: 7-25	-22
Agent: Address: Signature:  [SPOSAL: (C	ture: Danso Mongelin	8		
Agent: Address: Signature:  [SPOSAL: (C	porter #2: (Acknowledgment of receipt of m	aterials)		
Signature:  [SPOSAL: (C	t:			
Signature:  [SPOSAL: (C	ess:	Pho		
(SPOSAL: (C	ature:		Date:	
Waste Dist				
Waste Dist	L: (Certification of receipt of asbestos materi	als covered by this manifest, except a	s noted in item 11 below.)	
. Waste Disj	e Disposal Site: Hillsboro Landfill - Wa	ste Management		
Managed	c Disposal Site:	1 Jan 1 Var	Date:	0 0000
Name and	e and Title: HLI - Operator	DATE V	Date: Phone: (503)	10 \$6 CULL
Signature:	111/17	Dr.	-	03) 640-94 <b>27</b>
	ature:		45	CASE PARENCES
). DISCREE	ature:CREPANCY SPACE: (Add attachments a	s needed)		AN AIR AIR

#### FRIABLE ASBESTOS WASTE SHIPMENT REPORT FORM



PLEASE PRINT OR TYPE. If you have questions, contact your local DEQ Regional Office in Portland 503-229-5364, Salem 503-378-5086, Medford 541-776-6107, Coos Bay 541-269-2721 ext. 222, Bend 541-633-2019, or Pendleton 541-278-4626.

	300 Main St	Oregon City	Clackamas	97045
	Street Contact nervan, left Fidor	City/State	County	Zip
•	Contact person: Jeff Elder		one: <u>503-515-8314</u>	
2.	Contractor/Operator's name and address: IRS	Environmental of Portland, Inc	Phone: 503-693-6	388
	777 SW Armco Ave	Hillsboro / OR	Washington	97123
3.	Waste disposal site: Hillsboro Landfill - Was	City/State	County	Zip
J.		× 100	one: (503) 640-9427	
	3205 SE Minter Bridge Rd Stree:	Hillsboro, OR City/State	Washington Co	97123
4.	Describe asbestos materials: CAB	Cnystate	County	Zip
5.		8	DA CAN	
-	I A	/76 Tyl	Burnito Luzp	_
6.	Total quantity (cubic yards):		bruing meb	5
	transport according to all government regulati Shipment Record Form.  Agent: Dob (47.Pf			
	777 0141 4 04 4 0 0 4 4 1 1 1 1 1 1 1 1 1 1			
	Address:	LSBORO, OR 97123	ne: 503-693-6388	
	Address: 777 SW ARMCO AVE, HILI	LSBORO, OR 97123	ne:	
.NS	Address: 777 SW ARMCO AVE, HILI	LSBORO, OR 97123 Pho	ne:503-693-6388	
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Tri Ag	PORTER(S): ansporter #1: (Acknowledgment of receipt of material with the property of the prope	erials) Company	IRS Environmental of F	
Tri Ag Ac	PORTER(S): ansporter #1: (Acknowledgment of receipt of material with the property of the prope	erials) Company 97123 Phot	IRS Environmental of F	
Tri Ag Ac	PORTER(S): ansporter #1: (Acknowledgment of receipt of material with the property of the prope	erials) Company Photography	!RS Environmental of Face: 503-693-6388	
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Ag Ag Ag Ag	PORTER(S): ansporter #1: (Acknowledgment of receipt of matgent: Whitney Smith  ddress: 777 SW Armco Ave, Hillsboro, OR ansporter #2: Acknowledgment of receipt of material dress: 4945 SW Minter Bridge Re, Hillsboro	Company Photo Company Oro, QR 97123  Photo Photo Company Photo Pho	HRS Environmental of Face: 503-693-6388  Date: 1/5/2 G  Hillsboro Garbage  1e: (503) 648-4219	2
Tra Ag Sig Tra Ag Ad Sig	ansporter #1: (Acknowledgment of receipt of matter)  Idress: 777 SW Armco Ave, Hillsboro, OR gnature: Acknowledgment of receipt of matter with the sense of the s	Company Photo Company Oro, QR 97123 Photo	HRS Environmental of Face: 503-693-6388  Date: 1/5/2 of the Hillsboro Garbage  Date: 1/5/2 of the Hillsboro Garbage  Date: 1/5/2 of the Hillsboro Garbage	2
Transfer Add Sign Add	ansporter #1: (Acknowledgment of receipt of matgent: Whitney Smith  Iddress: 777 SW Armco Ave, Hillsboro, OR  ansporter #2: Acknowledgment of receipt of assession and the sent:  Iddress: 4945 SW Minter Bridge Re, Hillsboro, and the sent:  CAL: (Certification of receipt of asbestos material)	Company Photo Company Oro, QR 97123 Photo Company Oro, QR 97123 Photo S covered by this manifest, except as	HRS Environmental of Face: 503-693-6388  Date: 1/5/2 of the Hillsboro Garbage  Date: 1/5/2 of the Hillsboro Garbage  Date: 1/5/2 of the Hillsboro Garbage	2
Ag Ad Sig Ad Sig Wa	ansporter #1: (Acknowledgment of receipt of material Whitney Smith Whitney Smith Idress: 777 SW Armoo Ave, Hillsboro, OR gnature: Acknowledgment of receipt of ansporter #2: Acknowledgment of receipt of assessor material asse Disposal Site: Hillsboro Landfill Wast	Company Photo Company Oro, QR 97123 Photo Company Oro, QR 97123 Photo S covered by this manifest, except as	### 11 below.)	2 .
Ag Ad Sig Ad Sig Wa	ansporter #1: (Acknowledgment of receipt of matgent: Whitney Smith  Iddress: 777 SW Armco Ave, Hillsboro, OR  ansporter #2: Acknowledgment of receipt of assession and the sent:  Iddress: 4945 SW Minter Bridge Re, Hillsboro, and the sent:  CAL: (Certification of receipt of asbestos material)	Company Photo Company Oro, QR 97123 Photo Company Oro, QR 97123 Photo S covered by this manifest, except as	HRS Environmental of Face: 503-693-6388  Date: 1/5/2 of the Hillsboro Garbage  Date: 1/5/2 of the Hillsboro Garbage	2
Tri Ag Ad Sig Ad Sig Wi Na	ansporter #1: (Acknowledgment of receipt of material Whitney Smith Whitney Smith Idress: 777 SW Armoo Ave, Hillsboro, OR gnature: Acknowledgment of receipt of ansporter #2: Acknowledgment of receipt of assessor material asse Disposal Site: Hillsboro Landfill Wast	Company Photo Company Oro, QR 97123 Photo Company Oro, QR 97123 Photo S covered by this manifest, except as	HRS Environmental of Face: 503-693-6388  Date: 1/5/2 of the Hillsboro Garbage  Date: 1/5/2 of the Hillsboro Garbage	2
Tra Ag Ac Sig Ac Sig Wa Na Sig	ansporter #1: (Acknowledgment of receipt of material Whitney Smith Whitney Smith Idress: 777 SW Armco Ave, Hillsboro, OR gnature: Acknowledgment of receipt of aspects: 4945 SW Minter Bridge Re, Hillsboro and the Certification of receipt of asbestos material aste Disposal Site: Hillsboro Landfill - Waster and Title: HLI - Operator gnature:	Company Photo Company Oro, QR 97123 Photo Company Oro, QR 97123 Photo s covered by this manifest, except as a management	### 11 below.)	2
Tra Ag Ac Sig Ac Sig Wa Na Sig	ansporter #1: (Acknowledgment of receipt of matgent: Whitney Smith  Iddress: 777 SW Armco Ave, Hillsboro, OR  gnature: Acknowledgment of receipt of matgent:  Iddress: 4945 SW Minter Bridge Re, Hillsboro, ansture: AL: (Certification of receipt of asbestos material aste Disposal Site: Hillsboro Landfill - Waster and Title: HLI - Operator	Company Photo Company Oro, QR 97123 Photo Company Oro, QR 97123 Photo s covered by this manifest, except as a management	HRS Environmental of Face: 503-693-6388  Date: 1/5/2 of the Hillsboro Garbage  Date: 1/5/2 of the Hillsboro Garbage	2

(Revised 4/14)

(Revised 4/14)

# FRIABLE JOB # 21701 ASBESTOS WASTE SHIPMENT REPORT FORM



TE GENERATOR: (Contractor, Facility, of Asbestos removal site name and address	S. Dide i lefelt iviii	Clackamas	97045
300 Main St	Oregon City  City/State	County	Zip
Street	-	e:	
Contact person: Jason Samek			388
Contractor/Operator's name and address	:: IRS Environmental of Portland, Inc.	Washington	97123
777 SW Armco Ave	Hillsboro / OR  City/State	County	Zip
Street	•	e: (503) 640-9427	
Waste disposal site: Hillsboro Landfill		Washington Co	97123
3205 SE Minter Brid	ge Rd Hillsboro, OR		Zip
Street	ont as besto PiPe 1	in cased in co	acrete
Describe asbestos materials:	Type	BA-6 MIL BOY	ito
Containers: Number:	/ Type	, Dit o line (201)	
Total quantity (cubic yards):			
OPERATOR'S CERTIFICATION: above by proper shipping name and attrapport according to all government	I hereby declare that the contents of this cre classified, packaged, marked and labeled regulations. All movement of this asbestos	-containing material is rec	orded on this waste
Shipment Record Form.	J	IRS Environmental	of Portland, Inc
$\cap$ $\cap$ $\cap$	Company	r <sup>1</sup>	
Agent: DeVino flex	mandez Company		
Address:	E, HILLSBORO, OR 97123 Pho	503-693-6388 me:	
Address:	E, HILLSBORO, OR 97123 Phoeceipt of materials) Compan	y: Qiver City Eu	nonments
Address: 5400 NE 10 14	eceipt of materials)  Compan  Compan  Compan  Compan	y: Qiver City Eu	nonments
Address:	eceipt of materials)  Compan  Compan  Compan  Compan	y: Qiver City Eu	nonments
Address:	eceipt of materials)  Compan  Compan  Compan  Compan  Compan	y: Qiver City Eu	nonment 6144 -22
Address:	E, HILLSBORO, OR 97123  Phoeceipt of materials)  Companies Portland OR 97220 Phoeceipt of materials)  Companies Phoeceipt of materials)	y: <u>2:ver Uty Eu</u> one: <u>503 7.28.</u> Date: <u>7.28.</u>	rironments 6144 -22
Address:	E, HILLSBORO, OR 97123  Phoeceipt of materials)  Compan  Compan  Phoeceipt of materials)  Compan  Compan  Phoeceipt of materials)	y: 2: ver City Eu one: 503 7.28  Date: 7.28-	nronment 6144 -22
Address:	E, HILLSBORO, OR 97123  Phoeceipt of materials)  Compan  Compan  Phoeceipt of materials)  Compan  Compan  Phoeceipt of materials)	y: 2: ver City Eu one: 503 7.28  Date: 7.28-	rironments 6144 -22
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Address:	eceipt of materials)  Compan  Compan  Compan  Compan  Compan  Compan  Compan  Compan  Compan  Photo  Compan  Compan  Photo  Compan  Photo  Compan  Photo  Compan  Compan  Photo  Compan  P	y: 2 ver Cty Eu one: 503 757  Date: 7.28-  Date:  Date: as noted in item 11 below.)	nronments 6144 -22
Address:	E, HILLSBORO, OR 97123  Phoeceipt of materials)  Compan  Compan  Compan  Compan  Compan  Compan  Phoeceipt of materials)  Compan  Phoeceipt of materials  Compan  Phoeceipt of materials	y: 2 ver 47 Eu  one: 503 752  Date: 7.28.  Date:  Date: as noted in item 11 below.)	rironments 6144 -22
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Address:	E, HILLSBORO, OR 97123  Phoeceipt of materials)  Companies Portland OR 97220 Phoeceipt of materials)  Companies Phoeceipt of materials)  Companies Phoeceipt of materials)  Phoeceipt of materials Phoeceipt of Phoec	y: 2 ver Cty Ever one: 503 752  Date: 7.28.  Date:  Date:  Date:  Phone: (503) 64	0-9427
Address:	E, HILLSBORO, OR 97123  Phoeceipt of materials)  Companies Portland OR 97220 Phoeceipt of materials)  Companies Phoeceipt of materials)  Companies Phoeceipt of materials)  Phoeceipt of materials Phoeceipt of Phoec	y: 2 ver Cty Ever one: 503 752  Date: 7.28.  Date:  Date:  Date:  Phone: (503) 64	0-9427
Address:	Phoese materials Covered by this manifest, excepting the materials covered by this manifest, excepting the materials phoese materials covered by this manifest, excepting the materials phoese phoese materials covered by this manifest, excepting the materials phoese	y: 2 ver Cty Ever one: 503 752  Date: 7.28.  Date:  Date:  Date:  Phone: (503) 64	0-9427

# FRIABLE JOB # 21701 ASBESTOS WASTE SHIPMENT REPORT FORM



A	E GENERATOR: (Contractor, Facility, or Operator, sbestos removal site name and address: Blue	Oregon City	Clackamas	97045
3	00 Main St	City/State	County	Zip
	Street	Ph	one:	
C	Contact person: <u>Jason Samek</u> Contractor/Operator's name and address: <u>IRS E</u>	nvironmental of Portland, In	c. Phone: 503-693-63	388
C		Hillsboro / OR	Washington	97123
	777 SW Armco Ave	City/State	County	Zip
	Street Vaste disposal site: Hillsboro Landfill - Waste	- Management Pl	one: (503) 640-9427	
V	Vaste disposal site: Hillsboro Landill - Wast	Hillsboro, OR	Washington Co	97123
-	3205 SE Minter Bridge Rd	City/State		7:
	Street  Describe asbestos materials: Cement	ashesto Rife	Encased in co	acrete
I	Describe asbestos materiais:  Number: /	T	ype: BA - 6 MIL BOY	110
(	Containers: Number: _/		•	
-	Total quantity (cubic yards): 30			, <u>1.</u> . 4
	OPED ATOR'S CERTIFICATION: I hereby	y declare that the contents of this	s consignment are fully and a	proper condition fo
	OPERATOR'S CERTIFICATION: I hereby above by proper shipping name and are classif	ied, packaged, marked and labe	tos-containing material is rec	orded on this Waste
	transport according to all government regulation	oiis. Till life voice		
	Shipment Record Form.	$\hat{\vec{y}}$	IRS Environmenta	l of Portland, Inc
	A 10 11	/- 2 Comp	inv:	
	Delking Mernand	Compo		
	Shipment Record Form.  Agent: Dellino Hernand	CDORO OP 97123	503-693-6388	}
	777 SW ARMCO AVE, HIL	LSBORO, OR 97123	503-693-6388 Phone:	
	Agent: Nevino Mevnand 777 SW ARMCO AVE, HILL Address:	LSBORO, OR 97123	503-693-6388 Phone:	3
	Address:	LSBORO, OR 97123 	Phone:	
RA	Address:	LSBORO, OR 97123 	Phone:	
RA	Address: 777 SW ARMCO AVE, HILL  NSPORTER(S): Transporter 1: (Acknowledgment of receipt of Agent: 770 Average 200	materials)Comp	any: Quer City Eu	nonment
RA	Address: 777 SW ARMCO AVE, HILL  NSPORTER(S): Transporter 1: (Acknowledgment of receipt of Agent: 770 Average 200	materials)Comp	any: Quer City Eu	nonment
RA	Address: 777 SW ARMCO AVE, HILL  NSPORTER(S): Transporter 1: (Acknowledgment of receipt of Agent: 770 Average 200	materials)Comp	any: Quer City Eu	nonment
RA	Address: 777 SW ARMCO AVE, HILL  NSPORTER(S): Transporter 1: (Acknowledgment of receipt of a Agent: 0 Marque 2  Address: 5410 NE 1094nAve Po	materials)  Comp	Phone: 503-693-6386  Phone: 503 752  Date: 7.28-	22
RA	Address: 777 SW ARMCO AVE, HILL  NSPORTER(S): Transporter 1: (Acknowledgment of receipt of Agent: 0 Marques Address: 5400 NE 109 HAVE Po  Signature: 700 NE 109 HAVE Po  Transporter #2: (Acknowledgment of receipt of	materials)  Comp  Comp  Comp  Materials)  Comp  Comp  Comp  Comp	Phone: 503-693-6386  Phone: 503 752  Date: 7.28-	nronment 6144 -22
IRA	Address:  NSPORTER(S):  Transporter #1: (Acknowledgment of receipt of Agent:  Address: Sure NE 10 944AVE Por Signature:  Transporter #2: (Acknowledgment of receipt of Agent:  Address:	materials)  Comp  Thand OR 97220  materials)  Comp	Phone: 503-633-6386  Phone: 503-633-6386  Phone: 503-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7	nronment 6144 -22
RA	Address:  NSPORTER(S):  Transporter #1: (Acknowledgment of receipt of Agent:  Address: Sure NE 10 944AVE Por Signature:  Transporter #2: (Acknowledgment of receipt of Agent:  Address:	materials)  Comp  Thand OR 97220  materials)  Comp	Phone: 503-633-6386  Phone: 503-633-6386  Phone: 503-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7	nronment 6144 -22
RA	Address:	materials)  Comp  Thand OR 97220  materials)  Comp	Phone: 503-693-6386  Phone: 503-693-6386  Phone: 503 7-52  Date: 7-28-  Date:	nronment 6144 -22
RA	Address:  NSPORTER(S):  Transporter 1: (Acknowledgment of receipt of Agent:  Address: 5400 NE 10 944 Po  Signature: 7. (Acknowledgment of receipt of Agent:  Address: 5400 NE 10 944 Ave Po  Signature: 7. (Acknowledgment of receipt of Agent:  Address: 5400 NE 10 944 Ave Po  Signature: 7. (Acknowledgment of receipt of Agent:  Address: 5400 NE 10 944 Ave Po  Signature: 7. (Acknowledgment of receipt of Agent:	materials)  Comp  Thand OR 97123  materials)  Comp  Co	any: 2 ver Cty Eu Phone: 503 757  Date: 7.28  Date:  Date:  ept as noted in item 11 below.)	nronment 6144 -22
RA	Address:	materials)  Comp  Than OR 97123  materials)  Comp  Com	any: 2 ver Cty Ever C	nrunment 6144 -22
RA	Address:  NSPORTER(S):  Transporter 1: (Acknowledgment of receipt of Agent:  Address: Sure NE 10 9 14 Ave Po  Signature:  Transporter #2: (Acknowledgment of receipt of Agent:  Address:  Signature:  Hillsboro Landfill - Waste Disposal Site:	materials)  Comp  Than OR 97123  materials)  Comp  Com	any: 2 ver Cty Eu Phone: 503 752  Date: 7.28  Phone:  Date:  Date:  Date:	n ronment
RA	Address:  NSPORTER(S):  Transporter 1: (Acknowledgment of receipt of Agent:  Address: 5400 NE 10944AVE Po  Signature:  Transporter #2: (Acknowledgment of receipt of Agent:  Address:  Signature:  Hillsboro Landfill - Waste Disposal Site:  Hillsboro Landfill - Waste Disposal Site:  HILL-Operator	materials)  Comp  Thand OR 97123  materials)  Comp  Comp  crials covered by this manifest, excurate Management	any: 2 ver city Europhone: 503 752  Date: 7.28  Phone: Date:  Date:  Date:  Date:	n ronment
RA	Address:  NSPORTER(S):  Transporter 1: (Acknowledgment of receipt of Agent:  Address: Suro NE 10 944AV Po  Signature:  Transporter #2: (Acknowledgment of receipt of Agent:  Address:  Signature:  Hillsboro Landfill - W  Name and Title: HLI - Operator	materials)  Comp  Thand OR 97220  materials)  Comp  crials covered by this manifest, excurate Management	any: 2 ver Ctr Eu  Phone: 503 752  Date: 7.28  Date:  Date:  Phone:  Phone:  Date:  Phone:	0-9427
DIS	Address:  NSPORTER(S):  Transporter 1: (Acknowledgment of receipt of Agent:  Address: Suro NE 10 944AV Po  Signature:  Transporter #2: (Acknowledgment of receipt of Agent:  Address:  Signature:  Hillsboro Landfill - W  Name and Title: HLI - Operator	materials)  Comp  Thand OR 97220  materials)  Comp  crials covered by this manifest, excurate Management	Any: 2 ver Cty Eu Phone: 503 752  Date: 7.28  Date:  Phone:	0-9427
RA	Address:  NSPORTER(S):  Transporter 1: (Acknowledgment of receipt of Agent:  Address: Suro NE 10 9 4 Ave Po  Signature:  Transporter #2: (Acknowledgment of receipt of Agent:  Address:  Signature:  Signature:  Waste Disposal Site:  Name and Title:  HLI - Operator  Signature:	materials)  Comp  Thand OR 97220  materials)  Comp  crials covered by this manifest, excurate Management	any: 2 ver Ctr Eu  Phone: 503 752  Date: 7.28  Date:  Date:  Phone:  Phone:  Date:  Phone:	0-9427

#### FRIABLE JOB # 21761 ASBESTOS WASTE SHIPMENT REPORT FORM



PLEASE PRINT OR TYPE. If you have questions, contact your local DEQ Regional Office in Portland 503-229-5364, Salem 503-378-5086, Medford 541-776-6107, Coos Bay 541-269-2721 ext. 222, Bend 541-633-2019, or Pendleton 541-278-4626.

300 Main St	e Heron Mill Oregon City	Clackamas	97045
Street	City/State	County	Zip
Contact person: Jeff Elder		ne: 503-515-8314	9.
Contractor/Operator's name and address: IRS	Environmental of Portland, Inc.	Phone: _503-693-6	388
777 SW Armco Ave		Washington	97123
Street	City/State	County	Zip
Waste disposal site: Hillsboro Landfill - Wast	te Management Phon	ne: (503) 640-9427	
3205 SE Minter Bridge Rd	Hillsboro, OR	Washington Co	97123
Street	City/State	County	Zip
Describe asbestos materials:	PANELS 2 2 2/		
Containers: Number: 🔼 🔾	raps 2 Bustyp	e: BA - 6 MIL	
Total quantity (cubic yards):30	rds		
above by proper shipping name and are classif transport according to all government regulation Shipment Record Form.	ons. All movement of this asbestos	-containing material is reco	orded on this Was
Agent: Diego Sand	rezCompany	ILO EUVIONINCIIIAI	or i Ordano, III
Address:	_SBORO, OR 97123	ne:	
NSPORTER(S):			
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n	naterials)	: IRS Environmental of F	
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:  777 SW Armco Ave, Hillsboro, C	naterials) Company OR 97123 Pho	: IRS Environmental of F	Portland
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n	naterials) Company OR 97123 Pho	: IRS Environmental of F	Portland
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent: 777 SW Armco Ave, Hillsboro, C Signature: 777 Sw. Acknowledgment of receipt of n Acknowledgment of n Acknowledgment of receipt of n Acknowledgment of n Ackn	naterials) Company DR 97123 Pho materials)	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6	Portland 22
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:  Address: 777 SW Armco Ave, Hillsboro, C Signature:  Transporter #2: (Acknowledgment of receipt of n Agent:	Company OR 97123 Pho materials) Company	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6	Portland
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent: 777 SW Armco Ave, Hillsboro, C Signature: 777 Sw. Acknowledgment of receipt of n Acknowledgment of n Acknowledgment of receipt of n Acknowledgment of n Ackn	Company OR 97123 Pho materials) Company	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6	Portland
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:  Address: 777 SW Armco Ave, Hillsboro, C Signature:  Transporter #2: (Acknowledgment of receipt of n Agent:	Company OR 97123 Pho materials) Company Company Pho Pho	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6	Portland
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:	Company PR 97123 Pho materials) Company Pho	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6  :	Portland
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:  Address: Transporter #2: (Acknowledgment of receipt of n Agent:  Address: Signature:  Address: Signature:	company  Company  Pho  naterials)  Company  Pho  Pho  rials covered by this manifest, except a	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6  :	Portland 22
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:  Address: Transporter #2: (Acknowledgment of receipt of n Agent:  Address: Signature:  OSAL: (Certification of receipt of asbestos mater Waste Disposal Site:  Hillsboro Landfill - Weight	company  Company  Pho  naterials)  Company  Pho  Pho  rials covered by this manifest, except a	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6  Date:	Portland
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:  Address: Transporter #2: (Acknowledgment of receipt of n Agent:  Address: Signature:  Address: Signature:	company  Company  Pho  naterials)  Company  Pho  Pho  rials covered by this manifest, except a	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6  Date:	Portland  22.
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:  Address: Transporter #2: (Acknowledgment of receipt of n Agent:  Address: Signature:  OSAL: (Certification of receipt of asbestos mater Waste Disposal Site:  Hillsboro Landfill - Weight	company  Company  Pho  naterials)  Company  Pho  Pho  rials covered by this manifest, except a	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6  Date:	Portland  22.
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent:	Company Pho	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6  Date:	Portland  22.
NSPORTER(S): Transporter #1: (Acknowledgment of receipt of n Agent: 777 SW Armco Ave, Hillsboro, C Signature: Transporter #2: (Acknowledgment of receipt of n Agent: Address: Signature: POSAL: (Certification of receipt of asbestos mater Waste Disposal Site: Hillsboro Landfill - We Name and Title: HLI - Operator	Company Pho	: IRS Environmental of Fine: 503 693 6388  Date: 5-2-6  Date:	Portland  22.

(Revised 4/14)

W6#1021076

# FRIABLE JOB # 21761 ASBESTOS WASTE SHIPMENT REPORT FORM



Asbestos removal site name and address:	Oregon City	Clackamas	97045
300 Main St	City/State	County	Zip
	Phor	ne:	
Contact person: Jason Samek	IRS Environmental of Portland, Inc.	Phone: 503-693-63	388
Contractor/Operator's name and address:	NO ENVIRONMENTAL OF	Washington	
777 SW Armco Ave	Hillsboro / OR City/State	County	Zip
Waste disposal site: Hillsboro Landfill -	Wests Management Pho	ne: (503) 640-9427	
Waste disposal site: Hillsboro Landill -	waste Management OB	Washington Co	97123
3205 SE Minter Bridge	Rd Hillsboro, OR	County	Zip
Street  Describe asbestos materials:	it - Piac Incassot	in Concrete	· 
Describe asbestos materials:	T-	e: BA-6 MIL BL Wrep Run	
Containers: Number:	Тур	e DA-UMED Rus	40
Total quantity (cubic yards):	1000		
OPERATOR'S CERTIFICATION: I above by proper shipping name and are of transport according to all government reshipment Record Form.	gulations. All movement of this asbesto	s-containing material is reco	orded on this Wast
Agent: Bos Craft Bo	Compan	y:IRS Environmental	Of Fortiaria, in
Agent:	00.07100	one: 503-693-6388	
777 SW ARMCO AVE,	HILLSBORO, OR 97123	one:	
Address:	C	ell (971) 285.52	sacy.
ANSPORTER(S): Transporter # : (Acknowledgment of rece Agent: Address: SHUNE 1094 AVI Signature:		Λ.	
Transporter #1: (Acknowledgment of rece	ipt of materials) Compar	v. River Cit	- E.
Agent: Lalo Marquel	- D. 11	one: 503 Z52 6	86144
Address: S410 NE 109th AVI	e portione de lizeon	D-4-8-7-7	-Z_
Signature: Romo M.		Date: U	
Transporter #2: (Acknowledgment of rece	eipt of materials)		
Agent:	1	ny:	
Address:	Pl		
		Date:	
Signature:			
ISPOSAL: (Certification of receipt of asbesto	os materials covered by this manifest, excep	t as noted in item 11 below.)	
ISPOSAL: (Certification of receipt of assessor). Waste Disposal Site: Hillsboro Landf	iji -/Waste Mahagement		
). Waste Disposal Site:	101/16/14/11/De	Date:	110 0 0 0000
Name and Title: HLI - Operator	A Hor	Phone: (503) 640	JUJ 21/2 2022
Signature:	WW90	49	503) 640-9427
A DACE: (Add attac	hments as needed)		
DISCREPANCY SPACE. (Add and			

#### JOR # 71101 **FRIABLE** ASBESTOS WASTE SHIPMENT REPORT FORM



PLEASE PRINT OR TYPE. If you have questions, contact your local DEQ Regional Office in Portland 503-229-5364, Salem 503-378-5086, Medford 541-776-6107, Coos Bay 541-269-2721 ext. 222, Bend 541-633-2019, or Pendleton 541-278-4626.

	TE GENERATOR: (Contractor, Facility, of Asbestos removal site name and address		Clackamas	97045
•	300 Main St	Oregon City  City/State	County	Zip
	Street	•	none:	
	Contact person: Jason Samek			388
	Contact person: Jason Samek Contractor/Operator's name and addres	s: IRS Environmental of Fortune, i.	Washington	97123
	777 SW Armco Ave	Hillsboro / OR City/State	County	Zip
	Ctuant	<u>-</u>	hone: (503) 640-9427	
	Waste disposal site: Hillsboro Landfill	- Waste Management	Washington Co	97123
	2205 SE Minter Brid	ge Rd Hillsboro, Ort	County	Zip
	Street  Describe asbestos materials:	The River Incese	ed in Concre	-4c
	Describe asbestos materials:	5310 1110	wee BA - 6 MIL	
	Containers: Number:		Sype: BA-6 MIL	1840
	· · · · · · · · · · · · · · · · · · ·			
	operator's certification: above by proper shipping name and a transport according to all government Shipment Record Form.	I hereby declare that the contents of the re classified, packaged, marked and lab regulations. All movement of this asbe	eled, and are in all respects in stos-containing material is rec IRS Environmenta	orded on and
	Agent Rob Craft	P	503-693-6388	
	777 SW ARMCO AV	E, HILLSBORO, OR 97123	Phone:	e>(19)
	Address:		Phone: Ces ( (971) 285.	1 220
	(5)		~	
	ANSPORTER(S): Transporter #1: (Acknowledgment of r	ecejpt of materials)	pany: Kiver C	intry
8.	(D) (V) (V)	3 7 7 7 7 7	1 207	6144
	Address: 5410 NE	ogte AND PDX OR		-77_
			Date: 8-2	
	Signature.	recent of materials)		
9.	Transporter #2 Acknowledgment of	Con	npany:	
	Agent:		Phone:	
	Address:		Date:	
	Signature:			
D	ISPOSAL: (Certification of receipt of ast	pestos materials covered by this manifest, ex	cept as noted in item 11 below.)	
	o Wasta Disposal Site: Hillsboro La	ndfill - waste wanayement	11	WHILE A 9 anno
1	Name and Title: HLI - Operator	12 To to FIFTH IT	Phone: (503) 64	"AUG <b>0 2 2022</b> 10-9427
		THE STATE OF THE S	Phone: (600)	(503) 640-9427
	Signature:			
1	1. DISCREPANCY SPACE: (Add a	ttachments as needed)		
•				

W/0#108062Z

## FRIABLE JOB # 21761 ASBESTOS WASTE SHIPMENT REPORT FORM



A	E GENERATOR: (Contractor, Facility, or Operator) asbestos removal site name and address: Blue	Oregon City	2	Clackamas	97045
3	300 Main St	City/State		County	Zip
	Street	•	Phone:	503-515	1-03db
(	Contact person: Jason Samek	wirenmental of Portland.	Inc.	Phone: 503-693-	6388
(	Contract person: <u>Jason Samek</u> Contractor/Operator's name and address: <u>IRS Er</u>	IVII OTITICE ITALIA (C. P. C.		Washington	97123
	777 SW Armco Ave	Hillsboro / OR City/State		County	Zip
	Street		Phone:	503) 640-9427	
7	Waste disposal site: Hillsboro Landfill - Waste	14100110	1 Hone:	Washington Co	97123
	3205 SE Minter Bridge Rd	Hillsboro, OR		Commenter	Zip
8	Street	1 heito Pile	E	reased in	concrete
	Describe asbestos materials: Cement	130010	Tyme: E	A-6 MIL BOD	10
,	Containers: Number:		Type.		
	Total quantity (cubic yards):				
	OPERATOR'S CERTIFICATION: I hereby above by proper shipping name and are classific transport according to all government regulation	ns. All movement of this as	oestos-co	ontaining material is re	ecorded on this waste
	Shipment Record Form.	7		IRS Environment	al of Portland, Inc
	Shipment Record Form.  Agent: Delfino Hernand	Ne2Cor	npany:		
	777 SW ARMCO AVE, HILL	SBORO, OR 97123	701	503-693-638	8
	Address:		_ Phone		
R.A	NSPORTER(S):	aterials)		0:10/0	H4 *
	Transporter #1: (Acknowledgment of receipt of m		mpany:		1 1
		flad CIR 97294	Phone	505-2	54. 6144
	Address: SUW AP LOAT AL PON	1		Date:	ップケー
	Signature:	N//			
	Transporter #2: (Acknowledgment of receipt of m	aterials) Co	mpany:		
	Agent:	V			
	Address:		_ 1 11011	Date:	
	Signature:			Date.	
			organt oc	noted in item 11 below.	)
15	SPOSAL: (Certification of receipt of asbestos mater	ials covered by this manifest,	except as	noted in them	AUC 1 5 2022
0.	Waste Disposal Site: Hillsboro Landfill - Wa	iste Management		alie	172_
	Name and Title: HLI - Operator	10	~ A	Date: 8[15	808),640-94 <del>2</del> 7
	11/10/	P. Baker 8:	20 A	Phone: (503) 6	70-3721
	Digitatary				
11.	DISCREPANCY SPACE: (Add attachments a	as needed)			

# FRIABLE JOB # 21761 ASBESTOS WASTE SHIPMENT REPORT FORM



Asbestos removai s	R: (Contractor, Facility, or Operator) lite name and address: Blue	City (1)	Clackamas	97045
300 Main St		Oregon City, OR	County	Zip
Str		Phon	e: 503-515-8314	
Contact person: Je	ff Elder			
Contractor/Operate	or's name and address: IRS E	nvironmental of Portland, Inc.	PRONE: 500-000	97123
77	7 SW Armco Ave	HIIISDOID / OK	Washington County	Zip
		City/State	*	
Waste disposal sit	e: Hillsboro Landfill - Waste	Management Phor	16: (303) 040-3-21	97123
	205 SE Minter Bridge Rd	Hillsboro, OR	Washington Co	Zip
42	reet	City/State		enage
Describe asbestos	materials: BUR Cook	ing debits		
	Number: 7 DB	L Linev Typ	e: BA - 6 MIL	
Containers:	Lén / A			
Total quantity (cu	bic yards): 40 Yard	1		
above by proper s transport accordi	shipping name and are classing to all government regulation	declare that the contents of this ed, packaged, marked and labele ins. All movement of this asbesto	s-containing material is	recorded on this Wast
Shipment Record	rom.	No.	IRS Environmen	tal of Portland, Inc
Agent:	cao Sauch	Compan	y:	
	THE PROPERTY OF THE	SEORO OR 97123	503-693-631	88
Address:	SW ARMICO AVE, HILL	.SBORO, OR 97123	one:	
ANSPORTER(S):	_			
Transporter #1:	Acknowledgment of receipt of n	naterials) Compar	Elder Vermle	Sydn-
Agent: 15	County Or	11 1 40 879 L.L. Dh	me (U) 760 RS	50
Address: 6400	SE 10151 Me# 201 16-	Akd 00.91266 Ph	D. 11/11	121
Signature:	1 9		Date:	
Thomas outer #7.	Lifetition tree Branch and I	0	ny:	
Amants		COmpa		
Amants		COmpa	none:	
Agent:		Pi	none:	
Agent:		COmpa	none:	
Agent: Address: Signature:		Pi	none: Date:	= -
Agent:  Address:  Signature:	ation of receipt of ashestos mate	Pi	none: Date:	= -
Agent:  Address:  Signature:  SPOSAL: (Certific  Waste Disposal	ation of receipt of asbestos mate Site: Hillsboro Landfill - Wi	Pi	Date: t as noted in item 11 below	.)
Agent:  Address:  Signature:  SPOSAL: (Certific  Waste Disposal	ation of receipt of asbestos mate Site: Hillsboro Landfill - Wi	Pi rials covered by this manifest, excep aste Management	Date: t as noted in item 11 below  Date:	NOV 11 2021
Agent: Address: Signature: SPOSAL: (Certific Waste Disposal Name and Title	ation of receipt of ashestos mate	Pi rials covered by this manifest, excep aste Management	Date: t as noted in item 11 below	NOV 11 2021
Agent: Address: Signature: SPOSAL: (Certific Waste Disposal Name and Title Signature:	ation of receipt of asbestos mate Site: Hillsboro Landfill - Wa HLI - Operator	rials covered by this manifest, excep	Date: t as noted in item 11 below  Date:	NOV 11 2021
Agent: Address: Signature: SPOSAL: (Certific Waste Disposal Name and Title Signature:	ation of receipt of asbestos mate Site: Hillsboro Landfill - Wi	rials covered by this manifest, excep	Date: t as noted in item 11 below  Date:	NOV 11 2021

# FRIABLE JOB # 21761 ASBESTOS WASTE SHIPMENT REPORT FORM

ASN 4



Q	541-278-4626.  E GENERATOR: (Contractor, Facility, or Operator)  Blue Hero Ore	n Mill	Oleckamas	97045
T	E GENERATOR: (Contractor) and address: Blue Field	egon City O	Clackamas	Zip
		City/State	County	
3	00 Mail or	1	Phone: 503-515-8314	2000
	Leff Flder	tot of Portland.	Inc. Phone: 503-693-	6388
(	Contact person: Jeff Elder Contractor/Operator's name and address: IRS Environn	nental of Politically	Washington	97123
(	Contractor/Operator's name and sou	Hillsboro / OR	County	Zip
	111 SW Million			
	Street Waste Mana	gement	Phone: (503) 640-9427	
1	Waste disposal site: Hillsboro Landfill - Waste Mana	Hillsboro, OR	Washington Co	97123
	3205 SE Minter Bridge Rd		County	Zip
-	Street	NevusAll	WAIL textine	
	Street  Describe asbestos materials:   Tile mastic	017-9	Type: BA - 6 MIL	
	Number: 7 004 A	MEL	Type: DA To Time	
	Containers.			
	Total quantity (cubic yards): 30 Vards		8 11	d accountate described
	1 1 1	- whee the nontante of	this consignment are fully an	in accurately described
	OPERATOR'S CERTIFICATION: I hereby declare above by proper shipping name and are classified, pac	kaged, marked and l	abeled, and are in all respects	in proper condition 10
	transport according to all government regulations. All	movement of this as	bestos-containing material is i	ecorded on this waste
	Shipment Record Form.  Agent: 12/09 Sanche?	Con	IRS Environmen	tal of Portland, Inc
	Agent: 1 1010 Sanche		with the state of	
	777 SW ARMCO AVE, HILLSBOI	RO, OR 97123	503-693-638	38
	ANSPORTER(S):	RO, OR 9/123	Phone:	38
	ANSPORTER(S): Transporter #1:,(Acknowledgment of receipt of materials)	RO, OR 9/123	Phone: 503-693-638	38
	Address: 777 SW ARMCO AVE, HILLSBOI  ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent: 2	Col	Phone: 503-693-638	invironmenta
	Address: 777 SW ARMCO AVE, HILLSBOI  ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent: 300  Address 5100 VE 109 th AVI Portland: (1)	Con	Phone: 503-693-638  mpany: River CHY F	invironmenta
	Address: 777 SW ARMCO AVE, HILLSBOI  ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent: 300  Address 5100 VE 109 th AVI Portland: (1)	Con	Phone: 503-693-638  mpany: River CHY F	invironmenta
	Address: 777 SW ARMCO AVE, HILLSBOY  ANSPORTER(S):  Transporter #1: (Acknowledgment of receipt of materials)  Agent: 3 (0)  Address: 5410 16 109 14 Ave Portland: O  Signature: 109 14 Ave Portland: O	Con 97123	Phone: 503-693-638  mpany: River CHY F	invironmenta
	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Con 97123	Phone: 503-693-638  mpany: 2ver CHY F  Phone: 503 253 61  Date://-//-	invironmenta 14 21
	Address: 777 SW ARMCO AVE, HILLSBOY  ANSPORTER(S):  Transporter #1: (Acknowledgment of receipt of materials)  Agent: 20  Address: 5410 16 109 + h Ave Portland: O  Signature: 42: (Acknowledgment of receipt of materials)  Agent: 42: (Acknowledgment of receipt of materials)	Con 97123	Phone: 503-693-638  mpany: 2ver CHY F  Phone: 503 252 61  Date://-//-	invironmenta 44
	Ansporter(s): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Con	Phone: 503-693-638  mpany: 2ver CHY F  Phone: 503 252 61  Date://-//-	invironmenta 44
	Address: 777 SW ARMCO AVE, HILLSBOY  ANSPORTER(S):  Transporter #1: (Acknowledgment of receipt of materials)  Agent: 20  Address: 5410 16 109 + h Ave Portland: O  Signature: 42: (Acknowledgment of receipt of materials)  Agent: 42: (Acknowledgment of receipt of materials)	Con	Phone: 503-693-638  mpany: 2ver CHY F  Phone: 503 252 61  Date://-//-	invironmenta 44
	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Con	Phone: 503-693-638  mpany: 2.ver CHY F  Phone: 503 253 61  Date://-//-  mpany:  Phone: Date:	invironmenta 14 21
	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Con	Phone: 503-693-638  mpany: 2.ver CHY F  Phone: 503 253 61  Date://-//-  mpany:  Phone: Date:	invironmenta 14 21
IS	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Con	Phone: 503-693-638  mpany: 2.ver CHY F  Phone: 503 253 61  Date://-//-  mpany:  Phone: Date:	invironmenta 14 21
IS	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Con	### Phone:	invironmenta 14 21
IS	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Con	### Phone:	invironmenta 14 21
IS	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Con	Phone: 503-693-638  Date: 11 below.)	invironmenta 14 21
· · · · · · · · · · · · · · · · · · ·	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Congress of the congress of th	Phone: 503-693-638  Phone: 503-693-638  Phone: 503-693-638  Phone: 503-693-638  Phone: 503-693-638  Phone: 503-693-638  Date: 11 below.)  Date: N  Phone: (503) 64	invironmenta 14 21
	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Congress of the congress of th	### Phone:	invironmenta 14 21
· · · · · · · · · · · · · · · · · · ·	ANSPORTER(S): Transporter #1: (Acknowledgment of receipt of materials) Agent:	Congress of the congress of th	Phone: 503-693-638  Phone: 503-693-638  Phone: 503-693-638  Phone: 503-693-638  Phone: 503-693-638  Phone: 503-693-638  Date: 11 below.)  Date: N  Phone: (503) 64	invironmenta 14 21

#### **Attachment 5**

**Disposal Records** 





Tualatin Valley Waste Recovery, Inc. 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503) 640-9427

Original Ticket# 1947601

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 07/28/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket# Route State Waste Code Manifest

Destination PO Profile () Generator

Carrier ELDER DEMOLITION Vehicle# 11 Container Driver mark. Check#

Billing # 0001950 Gen EPA ID

Grid

Time

07/28/2022 08:28:28 Out 07/28/2022 08:28:28

Scale Inbound 1

**Operator** JDRURY **JDRURY** 

Inbound

Gross Tare Net Tons

Comments

Consumer Comments? We want to know! Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 CONRB18-Concrete - 2 EVF-L-Standard Env		12.00	Yards Load	18.90 30.00		\$226.80 \$30.00	WASHIN

Total Tax Total Ticket

\$256.80



Tualatin Valley Waste Recovery, Inc. 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503) 640-9427

Original Ticket# 1946749

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 07/25/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket# Route

State Waste Code Manifest

Destination PO

Profile Generator Carrier ELDER DEMOLITION

Vehicle# 4 Container

Driver JOHN

Check#

Billing # 0001950

Gen EPA ID

Grid

Time

07/25/2022 12:29:40 In Out 07/25/2022 12:29:40

()

Scale Inbound 2

Operator MLAWREN4 MLAWREN4

Inbound

Gross Tare Net Tons

Comments

Consumer Comments? We want to know! Please call.

Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2	CONRB-Concrete - w EVF-L-Standard Env		10.00	Yards Load	12.95 30.00		\$129.50 \$30.00	WASHIN WASHIN

Total Tax Total Ticket

\$159.50



Original Ticket# 1649352

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 07/13/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code

Manifest Destination

PO 2112 Profile

Generator

Time

Grid

137635OR (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 07/13/2022 12:34:47 Inbound 1 07/13/2022 12:34:47

Operator AMARTI22 AMARTI22

Carrier

Driver

Check#

Vehicle#

Container

Billing #

Gen EPĀ ID

Inbound

DEANS COMMERCIAL

4-SOLO

0002111

john

Gross Tare Net Tons

72040 lb 33280 lb 38760 lb 19.38

Comments

In

Consumer Comments? We want to know. Please call.

27 T NAT 1	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100 100	19,38	Tons				CLACK-IN CLACK-IN

Total Tax Total Ticket



Talk subsection in a vi-

Original Ticket# 1649330

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 07/13/2022 Payment Type Credit Account Manual Ticket# Hauling Ticket# Route State Waste Code Manifest NA Destination

DEANS COMMERCIAL 7-SOLO Carrier Vehicle# Container Driver Check# JIM Billing # Gen EPA ID 0002111 Grid

Volume

Profile Generator 2112

1376350R (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time In 07/13/2022 11:44:28 Out 07/13/2022 11:44:28

Scale Inbound 2

Operator jdrury jdrury

Gross Inbound Tare Net Tons

70080 1b 30140 1b 39940 lb 19.97

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qtу	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100 100	19.97	Tons %	भागनाम्बर्गान्यस्थानस्थानस्थानस्थानस्थानस्थानस्थानस्थान		and and the same care tool and the care tool and the care tool and the care tools and the care to	CLACK-IN

Total Tax Total Ticket



Original Ticket# 1649367

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 07/13/2022 Payment Type Credit Account Manual Ticket#

2112

Hauling Ticket# Route State Waste Code Manifest NA Destination Carrier DEANS COMMERCIAL Vehicle# 6-SOLO Container Driver DOUG Check# Billing # 0002111 Gen EPA ID

Profile 137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

52860 lb 30240 lb Scale Operator Inbound Gross 07/13/2022 13:13:07 07/13/2022 13:13:07 Inbound 1 ecobb Tare In 22620 lb Net Out ecobb 11.31 Tons

Comments

PO

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100 100	11.31	Tons %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket



Original Ticket# 1649266

Payment Type Credit Account Manual Ticket# Customer Name ELDERDEMO ELDER DEMOLITION Route State Waste Code Manifest NA

DEANS COMMERCIAL Carrier 7-SOLO Vehicle# Container JIM Driver Check# Billing # Gen EPA ID 0002111 Grid

Volume

Destination 2112

Profile Generator

PO

În

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Time

07/13/2022 09:13:11 Out 07/13/2022 09:35:28

Inbound 1 Outbound

Operator AMARTI22 ecobb

Inbound

Gross Tare Net Tons

80660 lb 30140 lb 50520 lb 25.26

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate .	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100 100	25.26	Tons % %			zero zuenen	CLACK-IN CLACK-IN

Total Tax Total Ticket

Driver's Signature

5 MILES -000



Original Ticket# 1649244

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 07/13/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest na

Destination PO

Profile

2112

Generator

Vehicle# 6-SOLO Container

DEANS COMMERCIAL

Driver ALTON

Check#

Carrier

Billing # 0002111

Gen EPA ID

Grid

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time 82100 lb 30240 lb Scale Operator Inbound Gross 07/13/2022 08:23:42 Inbound 1 Ιn AMARTI22 Tare Out 07/13/2022 08:55:33 Outbound ecobb 51860 lb Net Tons 25.93

Comments

Consumer Comments? We want to know. Please call.

Prod	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	25.93	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1649259

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 07/13/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NΑ

Destination PO 2112

Profile

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Container

Driver

Check# Billing # Gen EPA ID

Vehicle# 3-SOLO

JHON

0002111

DEAN INNOVATIONS

Time Scale Operator Inbound Gross 70680 lb 07/13/2022 08:54:14 Inbound 1 AMARTI22 30140 lb Tare Out 07/13/2022 09:43:50 Outbound ecobb Net 40540 lb Tons 20.27

Comments

Consumer Comments? We want to know. Please call.

Pro	duct 	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	20.27	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1649303

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 07/13/2022
Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest

Destination

PO

2112

ALTON Check#

Driver

Billing # 0002111 Gen EPA ID

Carrier DEANS COMMERCIAL Vehicle# 6-SOLO

Container

Profile 137635OR (Water Filtration Sediment)
Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale In 07/13/2022 10:47:36 Out 07/13/2022 10:47:36 Inbound 1

Operator AMARTI22 AMARTI22

Inbound Gross Tare Net

Tons

62160 lb 30240 lb 31920 lb

15.96

Comments

Consumer Comments? We want to know. Please call.

Pro	duct 	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.96	Tons %		·		CLACK-IN

Total Tax Total Ticket





Original Ticket# 1649266

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 07/13/2022
Payment Type Credit Account
Manual Ticket#

07/13/2022 09:13:11

Out 07/13/2022 09:35:28

Hauling Ticket# Route

State Waste Code Manifest NA Destination

Time

PO 2112 Profile

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Inbound 1 Outbound

Operator AMARTI22 ecobb

Carrier

Container Driver

Billing #

Gen EPA ID

Check#

Vehicle# 7-SOLO

JIM

0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

80660 lb 30140 lb 50520 1b 25.26

Comments

Consumer Comments? We want to know. Please call.

Prod	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	25.26	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket



Original Ticket# 1649330

ELDERDEMO ELDER	DEMOLITION
07/13/2022	2011012111011
Credit Account	
<b>‡</b>	
:#	
ode	
NA	
	ELDERDEMO ELDER 07/13/2022 Credit Account # # # ede NA

2112

Carrier DEANS COMMERCIAL Vehicle# 7-SOLO Container Driver Check# Billing # Gen EPA ID 0002111

Volume

Generator

Profile

Destination

ΡO

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

	Time 07/13/2022 1 07/13/2022 1	Scale Inbound 2	Operator jdrury jdrury	Inbound	Gross Tare Net	70080 lb 30140 lb 39940 lb
Comm	ents				Tons	19.97

Grid

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	19.97	Tons %				CLACK-IN

Total Tax Total Ticket



Original Ticket# 1649352

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 07/13/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination

Generator

(PO Profile

In

2112

137635OR (Water Filtration Sediment)

Time

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

07/13/2022 12:34:47 Out 07/13/2022 12:34:47

Scale Inbound 1

Operator AMARTI22 AMARTI22

Carrier

Driver Check#

Grid

Container

Billing #

Gen EPA ID

Vehicle# 4-SOLO

john

0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net

72040 lb 33280 lb 38760 lb

Tons

19.38

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	300	19.38	Tons %			w 	CLACK-IN CLACK-IN

Total Tax Total Ticket



Profile

Generator

Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1649367

Volume

Customer Name ELDERDEMO ELDER DEMOLITION
Ticket Date 07/13/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#

Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination
PO 2112

Carrier DEANS COMMERCIAL
Vehicle# 6-SOLO
Container
Driver DOUG
Check#
Billing # 0002111
Gen EPA ID

NA Grid
2112
137635OR (Water Filtration Sediment)

52860 lb Scale Operator Inbound Gross 07/13/2022 13:13:07 Inbound 1 ecobb 30240 lb Tare Out 07/13/2022 13:13:07 ecobb Net 22620 lb Tons 11.31 Comments

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Consumer Comments? 'We want to know. Please call.

Pro	duct 	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	11.31	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket



Original Ticket# 1646758

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/24/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route State Waste Code Manifest

Destination

PO 2112

Profile Generator Container Driver

DEANS COMMERCIAL Carrier Vehicle# 5-SOLO

DAVID

Check# Billing #

0002111

Gen EPA ID

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time 06/24/2022 08:22:42 Ιn Out 06/24/2022 08:22:42

Scale Inbound 1

Operator mramos14 mramos14

Inbound

70840 lb Gross 30280 lb Tare 40560 lb Net

Tons

Volume

20.28

Comments

Consumer Comments? We want to know. Please call.

Prod	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	20.28	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646803

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/24/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest Destination

Time

PO 2112

Profile Generator 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale

06/24/2022 10:37:13 Inbound 1 Out 06/24/2022 10:37:13

Operator mramos14 mramos14

Carrier

Container Driver

Billing #

Gen EPA ID

Check#

Grid

Vehicle# 5-SOLO

DAVID

0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

30280 lb 48060 lb 24.03

78340 lb

Comments

In

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	24.03	Tons				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646844

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/24/2022 Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Time

Destination

PO

2112

06/24/2022 13:29:56

Out 06/24/2022 13:29:56

Profile Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Grid

Carrier

Container

Billing #

Gen EPA ID

Driver Check#

Vehicle# 5-SOLO

DAVID

0002111

Scale Inbound 1

Operator mramos14 mramos14

Inbound

DEANS COMMERCIAL

Gross Tare Net

77480 lb 30280 lb 47200 lb

Tons

23.60

Comments

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	23.60	Tons				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646404

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/22/2022 Payment Type Credit Account Manual Ticket#

Out 06/22/2022 08:46:59

Hauling Ticket#

Route State Waste Code Manifest

Destination

PO 2112

Profile Generator

DEANS COMMERCIAL Carrier

Vehicle# 5-SOLO

Container JULIO Driver

Check# Billing #

0002111

Gen EPA ID

Grid

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Operator Time AMARTI22 06/22/2022 08:46:59 Inbound 1

AMARTI22

Inbound

Gross Tare

65480 lb 30280 lb 35200 lb

Net 17.60 Tons

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	MOU	Rate	Тах	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.60	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646407

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/22/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest NA

Time

Destination

PO

Profile Generator 2112

06/22/2022 08:51:36

Out 06/22/2022 08:51:36

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Operator Inbound 1 AMARTI22

AMARTI22

Inbound

DEANS COMMERCIAL

0002111

Gross Tare

33280 lb 34020 lb

Net Tons

17.01

67300 lb

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.01	Tons				CLACK-IN CLACK-IN

Carrier

Check#

Grid

Container Driver

Billing #

Gen EPA ID

Vehicle# 4-SOLO

JOE

Total Tax Total Ticket





Original Ticket# 1646438

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/22/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest Destination

Time

2112

06/22/2022 09:58:15

Out 06/22/2022 09:58:15

Profile Generator

1376350R (Water Filtration Sediment)

Scale

Inbound 1

mramos14 mramos14

DEANS COMMERCIAL Carrier Vehicle# 2-SOLO

Container DAVID

Driver Check#

Billing #

0002111

Inbound

Gen EPA ID

Operator

Grid

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Gross Tare

72500 lb 32440 lb

Net Tons 40060 lb 20.03

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	20.03	Tons				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646458

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/22/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest

Destination

PO 2112

Profile Generator

DEANS COMMERCIAL Carrier

Vehicle# 5-SOLO

Container JULIO Driver

Check#

Billing # 0002111

Gen EPA ID

Grid

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Time 06/22/2022 11:02:45 In Out 06/22/2022 11:02:45

Operator Inbound 1 AMARTI22 AMARTI22

Inbound

84580 lb Gross 30280 lb Tare Net

Tons

54300 lb 27.15

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	27.15	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646459

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/22/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO

Time

Profile Generator 2112

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale

06/22/2022 11:15:54 Inbound 1 AMARTI22 AMARTI22

Out 06/22/2022 11:15:54

Operator

Container Driver

Gen EPÁ ID

Check#

Inbound

Carrier DEANS COMMERCIAL Vehicle# 4-SOLO

JOE

Billing # 0002111

Gross Tare

82060 lb 33280 lb

48780 lb Net 24.39 Tons

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	24.39	Tons			Λ ,	CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646479

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/22/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO

Generator

2112

Profile

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Container Driver

Billing #

Gen EPA ID

Check#

Vehicle# 2-SOLO

JOHN

0002111

06/22/2022 12:23:10 In Out 06/22/2022 12:23:10

Scale Inbound 1

Operator AMARTI22 AMARTI22

Inbound

DEANS COMMERCIAL

Gross 77700 lb Tare 32440 lb Net

Tons

45260 lb 22.63

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	22.63	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646498

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/22/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest

Destination

PO

Time

Profile Generator 2112

1376350R (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

06/22/2022 13:45:48 Out 06/22/2022 13:45:48

Scale Inbound 1

Operator mlawren4 mlawren4

Inbound

Carrier DEANS COMMERCIAL

julio

Vehicle# 5-SOLO

Billing # 0002111

Container Driver

Gen EPÁ ID

Check#

Grid

Gross Tare Net

81920 lb 30280 lb 51640 lb

25.82 Tons

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	25.82	Tons				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646502

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/22/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO

2112

Profile Generator 1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale

06/22/2022 13:52:46 Out 06/22/2022 13:52:46

Inbound 1

Operator mlawren4 mlawren4

Container Driver

Gen EPÁ ID

Check#

Grid

Inbound

Carrier DEANS COMMERCIAL Vehicle# 4-SOLO

joe

Billing # 0002111

Gross Tare

83060 lb 33280 lb 49780 lb

Net Tons 24.89

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	24.89	Tons				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket



Original Ticket# 1646185

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/21/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest Destination

PO

2112

Profile Generator

Check# Billing # 0002111 Gen EPA ID

Container Driver

Vehicle# 5-SOLO

Carrier DEANS COMMERCIAL

DAVID

Grid

137635OR (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time 06/21/2022 07:58:54 Ιn Out 06/21/2022 07:58:54

Scale Inbound 1

Operator AMARTI22 AMARTI22

Inbound

60060 lb Gross 30280 lb Tare 29780 lb Net

Tons

Volume

14.89

Comments

Consumer Comments? We want to know. Please call.

Prod	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.89	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646188

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/21/2022
Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest

Destination

ΡO 2112

Time

Profile

Generator

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Operator Inbound 1 AMARTI22

06/21/2022 08:12:32 AMARTI22 Out 06/21/2022 08:12:32

Inbound

B and G Excavation

55880 lb Gross 28940 lb Tare 26940 lb Net

Tons

13.47

Comments

In

Consumer Comments? We want to know. Please call.

Proc	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	13.47	Tons % %				CLACK-IN

Carrier

Container

Billing #

Gen EPA ID

Driver

Check#

Grid

Vehicle# 127-SOLO

MIKE

0002111

Total Tax Total Ticket





Original Ticket# 1646238

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/21/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest Destination

PO

Profile

2112

137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 06/21/2022 10:16:26 Inbound 2 Out 06/21/2022 10:16:26

Operator mlawren4 mlawren4

Grid

Carrier

Container

Gen EPA ID

Driver

Check#

Vehicle# 5-SOLO

Billing # 0002111

DAVID

Inbound

DEANS COMMERCIAL

64320 lb Tare Net Tons

Gross

Volume

30280 lb 34040 lb 17.02

Comments

Ιn

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.02	Tons % %		,		CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646252

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/21/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest Destination

PO

2112

Time

Out 06/21/2022 10:35:58

Profile Generator Vehicle# 127-SOLO Container Driver

MIKE Check#

0002111 Billing #

Carrier B and G Excavation

Gen EPA ID

Grid

1376350R (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 06/21/2022 10:35:58 Inbound 1

Operator mramos14 mramos14

Inbound

57360 lb Gross Tare 28940 lb Net

Tons

28420 lb 14.21

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.21	Tons % %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646303

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/21/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest na

Time

Destination PO

Profile Generator 2112

1376350R (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

06/21/2022 12:36:41 Out 06/21/2022 12:36:41

Scale Inbound 1

Operator mlawren4 mlawren4

Carrier

Container Driver

Billing #

Gen EPA ID

Check#

Grid

Vehicle# 5-SOLO

DAVID

0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net

30280 lb 35160 lb

65440 lb

Tons

17.58

Comments

Consumer Comments? We want to know. Please call.

Prod	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.58	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646308

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/21/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest NA

Time

Out 06/21/2022 12:52:00

Destination

PO Profile Generator 2112

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Operator 06/21/2022 12:52:00 Inbound 2

MLAWREN4 MLAWREN4

Inbound

B and G Excavation

Carrier B and G E Vehicle# 127-SOLO

Billing # 0002111

MIKE

Container

Gen EPA ID

Driver

Check#

Grid

Gross Tare

55680 lb 28940 lb 26740 lb

Net Tons

13.37

0

Comments

In

Consumer Comments? We want to know. Please call.

Prod	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	13.37	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646348

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/21/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO 2112 Profile

Generator

DEANS COMMERCIAL Carrier Vehicle# 5-SOLO

Container

Driver DAVID

Check#

Billing # 0002111 Gen EPA ID

Grid

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 64920 lb Operator Inbound Gross 06/21/2022 14:59:35 In Inbound 2 30280 lb 34640 lb MLAWREN4 Tare Out 06/21/2022 14:59:35 MLAWREN4 Net Tons 17.32

Comments

Consumer Comments? We want to know. Please call.

Produ	ct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
2	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.32	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646353

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/21/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA

Time

Destination

PO

In

2112

Profile

Out 06/21/2022 15:20:15

Generator

137635OR (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 06/21/2022 15:20:15

Inbound 1

Operator AMARTI22 AMARTI22

Container

Gen EPÁ ID

Driver

Check#

Grid

Inbound

Carrier B and G Excavation Vehicle# 127-SOLO

MIKE

Billing # 0002111

Gross Tare Net

59260 lb 28940 lb 30320 lb

Tons 15.16

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.16	Tons				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645936

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/20/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route State Waste Code

Manifest Destination

2112

PO Profile

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA Generator

06/20/2022 08:02:26 In Out 06/20/2022 08:02:26

Scale Inbound 2

Operator mlawren4 mlawren4

Carrier

Container Driver

Check#

Grid

Vehicle# 5-SOLO

Billing # 0002111 Gen EPA ID

DAVID

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

Volume

58860 lb 30280 lb 28580 lb 14.29

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.29	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646008

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/20/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

PO

Ιn

Destination

Profile Generator 2112

137635OR (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time 06/20/2022 10:06:41 Out 06/20/2022 10:06:41

Scale Inbound 1

amarti22 amarti22

Operator

Carrier

Driver Check#

Grid

Container

Billing #

Gen EPÁ ID

Vehicle# 5-SOLO

DAVID

0002111

Inbound

DEANS COMMERCIAL

Gross

30280 lb Tare 31600 lb 15.80 Net

Tons

61880 lb

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.80	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646075

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/20/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA Destination

PO

Profile

2112

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Container

Billing # Gen EPA ID

Driver

Check#

Grid

Vehicle# 5-SOLO

DAVID

0002111

Time 06/20/2022 12:45:41 In Out 06/20/2022 12:45:41

Scale Inbound 2

Operator mramos14 mramos14

Inbound

DEANS COMMERCIAL

Gross 65040 lb Tare 30280 lb 34760 lb 17.38 Net Tons

Comments

Consumer Comments? We want to know. Please call.

Prod	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.38	Tons % %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1646140

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/20/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Time

Destination

PO

Ιn

2112

06/20/2022 15:23:52

Out 06/20/2022 15:23:52

Profile

Generator

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Operator Scale

Inbound 1

AMARTI22 AMARTI22

Carrier

Container

Billing #

Gen EPA ID

Driver Check#

Grid

Vehicle# 5-SOLO

DAVID

0002111

Inbound

DEANS COMMERCIAL

Gross Tare

30280 lb 25120 lb Net 12.56

55400 lb

Tons

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	12.56	Tons %			·	CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645761

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Carrier DEANS COMMERCIAL Ticket Date 06/17/2022 Payment Type Credit Account Vehicle# 4-SOLO Container Manual Ticket# JOE Driver Hauling Ticket# Check# Billing # Gen EPA ID Route 0002111 State Waste Code Manifest

Destination PO 2112

Profile 137635OR (Water Filtration Sediment)
Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Grid

Time Scale Operator Inbound Gross 64660 lb 06/17/2022 08:47:45 Inbound 1 33280 lb AMARTI22 Ιn Tare Out 06/17/2022 08:47:45 AMARTI22 Net 31380 lb Tons 15.69

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.69	Tons % %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645762

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/17/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO

Profile

137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

06/17/2022 08:49:30 Ιn Out 06/17/2022 08:49:30

Scale Inbound 1

Operator AMARTI22 AMARTI22

Carrier

Container Driver

Check#

Grid

Vehicle# 7-SOLO

Billing # 0002111 Gen EPA ID

JULIO

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

Volume

30140 lb 31600 lb 15.80

61740 lb

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS 2 EVF-P-Standard En 3 FUEL-Fuel Surchar	v 100	15.80	Tons % %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645814

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/17/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO

2112

Profile Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Vehicle# 4-SOLO

Billing # 0002111

JOE

Carrier

Driver

Check#

Grid

Container

Gen EPA ID

Time In 06/17/2022 11:08:22 Out 06/17/2022 11:08:22

Scale Inbound 1

Operator amarti22 amarti22

Inbound

DEANS COMMERCIAL

Gross 66860 lb 33280 lb 33580 lb 16.79 Tare Net Tons

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	16.79	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645822

Volume

DEANS COMMERCIAL

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/17/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest NA Destination

PO 2112

Profile 137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Driver

Check#

Container

Gen EPA ID

Vehicle# 7-SOLO

Billing # 0002111

JULIO

61000 lb 30140 lb Scale Time Operator Inbound Gross 06/17/2022 11:18:02 Ιn Inbound 1 amarti22 Tare Out 06/17/2022 11:18:02 30860 lb amarti22 Net Tons 15.43

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Тах	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.43	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645863

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/17/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code NA

Manifest Destination Carrier DEANS COMMERCIAL Vehicle# 4-SOLO

Container Driver JOE

Check#

Billing # 0002111 Gen EPA ID

PO 2112

Profile 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA Generator

Time 66520 lb Scale Operator Inbound Gross 06/17/2022 13:38:21 Inbound 1 33280 lb Ιn AMARTI22 Tare Out 06/17/2022 13:38:21 AMARTI22 Net 33240 lb Tons 16.62

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Тах	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	16.62	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645870

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/17/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination PO

Profile

2112

137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Operator 06/17/2022 13:52:57 Ιn Inbound 1 Out 06/17/2022 13:52:57

AMARTI22 AMARTI22

Carrier

Vehicle#

Container Driver

Check#

Grid

Inbound Gross Tare

DEANS COMMERCIAL

7-SOLO

julio

Billing # 0002111 Gen EPA ID

63800 lb 30140 lb

33660 lb Net Tons 16.83

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	16.83	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645349

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/14/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest Destination

Time

Out 06/14/2022 11:00:42

PO

Ιn

2112

Profile Generator 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 06/14/2022 11:00:42 Inbound 1

Operator amarti22 amarti22

Carrier

Check#

Grid

Container Driver

Gen EPA ID

Vehicle# 4-SOLO

JOE

Billing # 0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

Volume

61380 lb 33280 lb 28100 lb 14.05

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Тах	Amount	Origin
1 ENVCLEANUP SPWPCS 2 EVF-P-Standard En 3 FUEL-Fuel Surchard	v 100	14.05	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645346

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/14/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest NA

Destination

PO

Profile Generator

2112

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Driver

Check#

Container

Gen EPA ID

Vehicle# 7-SOLO

Billing # 0002111

DAVID

Time 06/14/2022 10:52:18 Ιn Out 06/14/2022 10:52:18

Scale Inbound 2

Operator mlawren4 mlawren4

Inbound

DEANS COMMERCIAL

Gross 49780 lb 30140 lb Tare 19640 lb 9.82 Net Tons

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	9.82	Tons % %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645344

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/14/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route State Waste Code Manifest

Destination PO

Out 06/14/2022 10:48:12

Profile Generator 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 06/14/2022 10:48:12

Inbound 1

Operator amarti22 amarti22

Carrier

Container Driver

Check# Billing # Gen EPA ID

Grid

Vehicle# 5-SOLO

ALTON

0002111

Inbound

DEANS COMMERCIAL

62700 lb Gross Tare 30280 lb 32420 lb Net Tons 16.21

Comments

In

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surchàrg	100	16.21	Tons % %				 CLACK-IN

Total Tax Total Ticket



Original Ticket# 1645304

Volume

Customer Name ELDERDEMO ELDER DEMOLITION
Ticket Date 06/14/2022
Payment Type Credit Account
Manual Ticket#

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest na Destination

PO 2112

Profile Generator Driver joe Check# Billing # 0002111 Gen EPA ID

DEANS COMMERCIAL

Grid

Carrier

Container

Vehicle# 4-SOLO

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator Inbound 55960 lb Gross 06/14/2022 08:36:34 Ιn Inbound 1 33280 lb amarti22 Tare Out 06/14/2022 08:36:34 22680 lb amarti22 Net Tons 11.34

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surchard	v 100	11.34	Tons %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645302

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/14/2022 Payment Type Credit Account Manual Ticket#

Out 06/14/2022 08:33:30

Hauling Ticket#

Route

State Waste Code Manifest NA Destination

PO

Profile Generator 2112

137635OR (Water Filtration Sediment)
168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 06/14/2022 08:33:30

Inbound 2

Operator mlawren4 mlawren4

Carrier

Check#

Container Driver

Vehicle# 7-SOLO

Billing # 0002111 Gen EPA ID

DAVID

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

Volume

57780 lb 30140 lb 27640 lb 13.82

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	13.82	Tons %	·			CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645301

Customer Name ELDERDEMO ELDER DEMOLITION
Ticket Date 06/14/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#

Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest na
Destination

Carrier DEANS COMMERCIAL
Vehicle# 5-SOLO Volume
Container
Driver alton
Check#
Billing # 0002111
Gen EPA ID

 $|\Psi| \leq \sqrt{k_0}$ 

Grid

Profile 137

Profile 137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator Inbound Gross 60840 lb 06/14/2022 08:32:24 Inbound 1 amarti22 Tare 30280 lb Out 06/14/2022 08:32:24 amarti22 Net 30560 lb Tons 15.28

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surchard	7 100	15.28	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645235

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/13/2022

Ticket Date 06/13/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest NA

Destination PO

Profile Generator 2112

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time
In 06/13/2022 13:16:00
Out 06/13/2022 13:16:00

Scale Inbound 1 Operator AMARTI22 AMARTI22

Carrier

Driver

Check#

Grid

Container

Vehicle# 4-SOLO

Billing # 0002111 Gen EPA ID

JOE

Inbound

DEANS COMMERCIAL

Gross 62320 lb Tare 33280 lb Net 29040 lb Tons 14.52

Comments

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.52	Tons %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645227

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/13/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket# Route

State Waste Code Manifest Destination

DEANS COMMERCIAL Carrier

Vehicle# 2-SOLO

Container Driver DAVID

Check#

Billing # 0002111 Gen EPA ID

Grid

2112

Profile

137635OR (Water Filtration Sediment)

Generator

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

62960 lb Operator Time Scale Inbound Gross 06/13/2022 12:48:06 Inbound 1 32440 lb Ιn mramos14 Tare Out 06/13/2022 12:48:06 30520 lb mramos14 Net Tons 15.26

Comments

Consumer Comments? We want to know. Please call.

Produ	ıct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
2	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.26	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645226

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/13/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest na

Destination PO

2112

Billing # 0002111

Gen EPA ID

Container

Driver

Check#

Grid

PO 2112
Profile 137635OR (Water Filtration Sediment)
Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator 06/13/2022 12:46:17 Inbound 2 mlawren4

Inbound

Carrier DEANS COMMERCIAL

DAVID

Vehicle# 5-SOLO

Gross Tare

Volume

55300 lb 30280 lb 25020 lb 12.51

Out 06/13/2022 12:46:17

mlawren4

Net Tons

Comments

In

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP 2 EVF-P-Stan 3 FUEL-Fuel	dard Env	100	12.51	Tons %			·	CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645202

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/13/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO Profile 2112

Generator

Grid

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 06/13/2022 10:41:34 Ιn Inbound 1 Out 06/13/2022 10:41:34

Operator AMARTI22 AMARTI22

Carrier

Container

Billing #

Gen EPA ID

Driver

Check#

Vehicle# 4-SOLO

joe

0002111

Inbound

DEANS COMMERCIAL

Gross Tare

61000 lb 33280 lb 27720 lb

Net Tons 13.86

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
2 EVF-P-St	UP SPWPCS- andard Env l Surcharg	100	13.86	Tons % %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645196

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/13/2022 Payment Type Credit Account Manual Ticket# Hauling Ticket# Route

DEANS COMMERCIAL Carrier Vehicle# 2-SOLO Container Driver john Check# Billing # 0002111 Gen EPA ID

Volume

Destination PO

Manifest

State Waste Code

2112

137635OR (Water Filtration Sediment)

Profile

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Grid

Time Scale Operator Inbound Gross 63500 lb 06/13/2022 10:25:46 32440 lb 31060 lb Ιn Inbound 1 AMARTI22 Tare Out 06/13/2022 10:25:46 AMARTI22 Net Tons 15.53

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Тах	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surchard	100	15.53	Tons % %				CLACK-IN

Total Tax Total Ticket



and the applications of the source of Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1645194

16.06

Volume

Tons

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/13/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination

Profile Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier DEANS COMMERCIAL

alton

Vehicle# 5-SOLO

Billing # 0002111

Container Driver

Gen EPA ID

Check#

Grid

62400 lb 30280 lb Scale Operator Inbound Gross 06/13/2022 10:21:08 Inbound 2 Ιn mlawren4 Tare Out 06/13/2022 10:21:08 32120 lb mlawren4 Net

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
ENVCLEANUP SPWPC: EVF-P-Standard End FUEL-Fuel Surcha:	nv 100	16.06	Tons				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645156

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/13/2022 Payment Type Credit Account Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO Profile

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Container Driver

Gen EPA ID

Check#

Grid

Vehicle# 4-SOLO

Billing # 0002111

JOE

Time 06/13/2022 08:22:09 Ιn Out 06/13/2022 08:22:09

Scale Inbound 1

Operator AMARTI22 AMARTI22

Inbound

DEANS COMMERCIAL

58500 lb Gross 33280 lb 25220 lb Tare Net

Tons

Volume

12.61

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	12.61	Tons %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645155

> 56620 lb 30280 lb 26340 lb 13.17

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/13/2022 Payment Type Credit Account Manual Ticket#

Hauling Ticket# Route

State Waste Code Manifest NA Destination

PO 2112

Profile Generator 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Grid

Carrier

Check# Billing #

Container Driver

Gen EPÁ ID

Vehicle# 5-SOLO

ALTOM

DEANS COMMERCIAL

0002111

Time Scale Operator Inbound Gross 06/13/2022 08:15:09 In Inbound 1 AMARTI22 Tare Out 06/13/2022 08:15:09 AMARTI22 Net Tons

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 ENVCLEANUP 2 EVF-P-Stand 3 FUEL-Fuel S	ard Env 100	13.17	Tons %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645152

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/13/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA

Destination PO

2112

Profile Generator Driver JOHN Check# Billing # 0002111

DEANS COMMERCIAL

Gen EPA ID

Vehicle# 2-SOLO

Carrier

Container

Grid

1376350R (Water Filtration Sediment)

rator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 58240 lb Operator Inbound Gross 06/13/2022 08:05:19 Ιn Inbound 1 32440 lb 25800 lb AMARTI22 Tare Out 06/13/2022 08:05:19 AMARTI22 Net Tons 12.90

Comments

Consumer Comments? We want to know. Please call.

Pro	duct 	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	12.90	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645086

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/10/2022 Payment Type Credit Account Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest Destination

Carrier DEANS COMMERCIAL Vehicle# 6-SOLO Container

Volume

DOUG Driver Check# Billing # 0002111

Gen EPÁ ID

Grid

PO 2112

Profile Generator 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator Inbound Gross 61440 lb Ιn 06/10/2022 12:26:18 Inbound 1 mlawren4 Tare 30220 lb Out 06/10/2022 12:26:18 mlawren4 Net 31220 lb Tons 15.61

Comments

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.61	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645069

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/10/2022 Payment Type Credit Account Manual Ticket#

Hauling Ticket#

Route State Waste Code Manifest

Destination

PO 2112

Profile Generator Billing # 0002111 Gen EPA ID

Grid

Carrier

Container Driver

Check#

Vehicle# 2-SOLO

DAVID

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

DEANS COMMERCIAL

63540 lb Time Scale Operator Inbound Gross 06/10/2022 11:13:42 32440 lb 31100 lb Inbound 1 Ιn mramos14 Tare Out 06/10/2022 11:13:42 mramos14 Net Tons 15.55

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.55	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645066

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/10/2022
Payment Type Credit Account Manual Ticket#

Hauling Ticket# Route

State Waste Code Manifest Destination PO

Profile

Out 06/10/2022 10:59:58

2112

137635OR (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 06/10/2022 10:59:58

Inbound 1

Operator amarti22 amarti22

Container

Billing # Gen EPA ID

Driver

Check#

Inbound

Carrier DEANS COMMERCIAL Vehicle# 4-SOLO

0002111

JOE

Tare Net Tons

Gross

Volume

63320 lb 33280 lb 30040 lb 15.02

Comments

In

Generator

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	nów	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.02	Tons				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645052

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/10/2022
Payment Type Credit Account
Manual Ticket# Hauling Ticket# Route State Waste Code Manifest NA Destination

Carrier DEANS COMMERCIAL Vehicle# 6-SOLO Volume Container

Driver ALTON Check#

Billing # 0002111 Gen EPA ID

Grid

2112 PO

Profile 137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator Inbound Gross 59580 lb 30220 lb 29360 lb 14.68 06/10/2022 10:06:01 Inbound 2 Tare mlawren4 Ιn Out 06/10/2022 10:06:01 mlawren4 Net Tons

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	14.68	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645017

Customer Name ELDERDEMO ELDER DEMOLITION
Ticket Date 06/10/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA

Carrier DEANS COMMERCIAL Vehicle# 4-SOLO Volume Container

Driver JOE Check#

Billing # 0002111

Gen EPA ID

Grid

PO 2112

Destination

Profile 1376350R (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

62320 lb Inbound Gross Scale Operator Time 06/10/2022 08:29:44 Inbound 1 amarti22 Tare 33280 lb Tn Out 06/10/2022 08:51:07 amarti2229040 lb Outbound Net Tons 14.52

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.52	Tons %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645016

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/10/2022

Payment Type Credit Account Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest

Destination

ΡO Profile

2112

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Vehicle# 2-SOLO

JOHN

0002111

Time 06/10/2022 08:27:53 In Out 06/10/2022 08:27:53

Scale Inbound 1

Operator amarti22 amarti22

Carrier

Check# Billing #

Grid

Container Driver

Gen EPÁ ID

Inbound

DEANS COMMERCIAL

Gross 60500 lb 32440 lb Tare 28060 lb 14.03 Net Tons

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.03	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1645011

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/10/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route State Waste Code Manifest

Destination

2112

Profile Generator 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Container Driver

Gen EPÁ ID

Check# Billing #

Grid

Vehicle# 6-SOLO

ALTON

0002111

Time 06/10/2022 08:04:58 Ιn Out 06/10/2022 08:04:58

Scale Inbound 1

Operator amarti22

Inbound

DEANS COMMERCIAL

56760 lb Gross Tare 30220 lb 26540 lb

amarti22

Net 13.27 Tons

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	13.27	Tons %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644971

Customer Name ELDERDEMO ELDER DEMOLITION

Out 06/09/2022 13:30:44

Ticket Date 06/09/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO Profile

Tn

2112

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Operator 06/09/2022 13:30:44 Inbound 1

amarti22 amarti22

Carrier

Driver

Check# Billing # Gen EPA ID

Grid

Container

Vehicle# 6-SOLO

ALTON

0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net

51740 lb 30220 lb 21520 lb

Tons

Volume

10.76

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	10.76	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644970

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/09/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest na Destination

РΟ

2112

Profile

Time

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Operator

06/09/2022 13:22:12 Inbound 1 amarti22 Out 06/09/2022 13:22:12 amarti22

Inbound

DEANS COMMERCIAL

65600 lb Gross Tare 30280 lb

35320 lb Net Tons 17.66

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.66	Tons %				CLACK-IN

Carrier

Driver

Check# Billing # Gen EPA ID

Grid

Container

Carrier DEANS (Vehicle# 5-SOLO

john

0002111

Total Tax Total Ticket





Original Ticket# 1644942

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/09/2022

Payment Type Credit Account Manual Ticket#

Hauling Ticket#

Route State Waste Code Manifest

Destination

PO

Tn

2112

Profile

Generator

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 06/09/2022 11:00:57 Inbound 2 Out 06/09/2022 11:00:57

Operator Inbound mlawren4

alton

0002111

DEANS COMMERCIAL

Gross Tare Net

60700 lb 30220 lb 30480 lb 15.24

Tons

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	15.24	Tons %				CLACK-IN

mlawren4

Carrier

Container Driver

Gen EPA ID

Check# Billing #

Grid

Vehicle# 6-SOLO

Total Tax Total Ticket





Original Ticket# 1644937

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/09/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA Destination

PO

2112

Profile Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator 06/09/2022 10:53:15 Ιn Inbound 1 Out 06/09/2022 10:53:15

AMARTI22 AMARTI22

Grid

Carrier

Driver

Check# Billing # Gen EPA ID

Container

Vehicle# 5-SOLO

JOHN

0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net

Tons

Volume

59360 lb 30280 lb 29080 lb 14.54

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.54	Tons १ १				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644902

Customer Name ELDERDEMO ELDER DEMOLITION
Ticket Date 06/09/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NA
Destination

Carrier DEANS COMMERCIAL
Vehicle# 5-SOLO Volume
Container
Driver JOHN

Check#
Billing # 0002111
Gen EPA ID

Grid

PO 2112

Profile 137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

57980 lb Time Scale Operator Inbound Gross 06/09/2022 08:32:03 Inbound 1 AMARTI22 Tare 30280 lb Ιn 27700 lb 06/09/2022 08:32:03 Out AMARTI22 Net Tons 13.85

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	13.85	Tons % %				CLACK-IN

Total Tax Total Ticket







Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/03/2022
Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO 2112

Profile Generator 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 06/03/2022 11:20:56 In Inbound 2

Out 06/03/2022 11:20:56

Operator mlawren4 mlawren4

Carrier

Driver

Check#

Grid

Vehicle#

Container

Billing #

Gen EPA ID

Inbound

DEANS COMMERCIAL

7-SOLO

0002111

JIM

Gross Tare Net

30140 lb 26800 lb Tons 13.40

56940 lb

Comments

Consumer Comments? We want to know. Please call.

Product		% Qty	MOU	Rate	Tax	Amount	Origin
2 EVF-P-Sta	P SPWPCS- 100 ndard Env 100 Surcharg 100		40 Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644430

70620 lb

32440 lb

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/03/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

Generator

PO Profile 2112

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator Inbound Gross

In 06/03/2022 11:05:17 Out 06/03/2022 11:05:17 Inbound 1 AMARTI22 Tare

AMARTI22 Net 38180 lb 19.09 Tons

Carrier

Driver

Check#

Grid

Container

Billing #

Gen EPA ID

Vehicle# 2-SOLO

JOHN

0002111

DEANS COMMERCIAL

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPW 2 EVF-P-Standard 3 FUEL-Fuel Surd	d Env 100	19.09	Tons %				CLACK-IN

Total Tax Total Ticket





DEANS COMMERCIAL

Vehicle# 7-SOLO

Container Driver JIM

Check#

Carrier

Billing # 0002111

Gen EPA ID

Destination PO Profile

Route

Manifest

Manual Ticket#

Hauling Ticket#

State Waste Code

2112 137635OR (Water Filtration Sediment)

Generator

Ticket Date 06/03/2022 Payment Type Credit Account

Customer Name ELDERDEMO ELDER DEMOLITION

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time 06/03/2022 08:34:53 Ιn Out 06/03/2022 08:34:53

Scale Inbound 2

Operator mlawren4 mlawren4

Inbound

Gross Tare Net

Tons

Original

Volume

Ticket# 1644396

65600 lb 30140 lb 35460 lb 17.73

Comments

Consumer Comments? We want to know. Please call.

Prod	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.73	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644394

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 06/03/2022 Payment Type Credit Account Manual Ticket#

Hauling Ticket# Route State Waste Code

Time

Out 06/03/2022 08:45:41

Manifest Destination

PO Profile 2112

1376350R (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA Scale

06/03/2022 08:28:26 Inbound 1 Outbound

Operator amarti22 amarti22

Carrier

Container

Gen EPA ID

Driver

Check# Billing #

Vehicle# 2-SOLO

john

0002111

Inbound

DEANS COMMERCIAL

64600 lb Gross 32440 lb Tare 32160 lb Net 16.08 Tons

Comments

Τn

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	16.08	Tons %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644339

**Volume** 

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/02/2022

Payment Type Credit Account Manual Ticket#

Hauling Ticket#

Route State Waste Code

Manifest Destination

PO

Out

2112

06/02/2022 13:12:46

Profile 1376350R (

Generator

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale
In 06/02/2022 13:12:46 Inbound 1

l 1

Operator mramos14 mramos14

Carrier

Driver

Check#
Billing #
Gen EPA ID

Grid

Container

Vehicle# 7-SOLO

JIM

Inbound

DEANS COMMERCIAL

0002111

Gross Tare Net Tons 58680 lb 30140 lb 28540 lb 14.27

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	14.27	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644334

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/02/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest Destination

PO

Profile

Generator

2112

137635OR (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Grid

Carrier

Container

Driver

Check# Billing # Gen EPA ID

Vehicle# 5-SOLO

DAVID

0002111

Time 06/02/2022 12:53:51 Ιn Out 06/02/2022 12:53:51

Scale Inbound 1

Operator mramos14 mramos14

Inbound

DEANS COMMERCIAL

64280 lb 30280 lb Gross Tare 34000 lb Net Tons 17.00

Comments

Consumer Comments? We want to know. Please call.

Prod	duct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.00	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644311

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/02/2022 Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest NA

Destination ΡO

2112

Profile 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA Generator

Grid

Carrier

Driver

Check# Billing # Gen EPA ID

Container

Vehicle# 5-SOLO

JOHN

0002111

DEANS COMMERCIAL

58980 lb Scale Operator Inbound Gross 06/02/2022 10:43:49 30280 lb Inbound 1 amarti22 Tare Ιn 28700 lb Out 06/02/2022 10:43:49 amarti22 Net 14.35 Tons

Comments

Consumer Comments? We want to know. Please call.

Produ	ıct .	LD%	Qty	UOM	Rate	Tax	Amount	Origin
2	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.35	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Tick t # 1644309

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/02/2022
Payment Type Credit Account
Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA

Destination

PO / 2112

Out 06/02/2022 10:30:26

Generator

7-SOLO Container Driver

0002111

DEANS COMMERCIAL

Check#

Carrier

Vehicle#

Billing #

Gen EPA ID

Volume

137635OR (Water Filtration Sediment)
168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA Profile

Time

Scale 06/02/2022 10:30:26 Inbound 1

Operator amarti22 amarti22

Inbound

Gross Tare Net Tons

6122<u>0</u> lb 30140 lb \$1080 lb 15.54

Comments

Ιn

Consumer Comments? We want to know. Please call.

Prod	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.54	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644283

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/02/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code

Manifest na Destination

PO 2112

Profile 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA Generator

Carrier

Container

Driver

Check# Billing # Gen EPA ID

Vehicle# 5-SOLO

john

0002111

DEANS COMMERCIAL

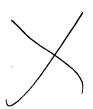
Time Scale Operator Inbound Gross 62740 lb 06/02/2022 08:31:54 In Inbound 1 AMARTI22 30280 lb Tare Out 06/02/2022 08:31:54 AMARTI22 Net 32460 lb Tons 16.23

Comments

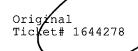
Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
2 EVF-P-St	UP SPWPCS- andard Env l Surcharg	100	16.23	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket







Volume

DEANS COMMERCIAL

0002111

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/02/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest NA Destination

PO 2112

Profile 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA Generator

Time In 06/02/2022 08:20:10 Inbound 1 Operator Inbound 63180\_lb Gross AMARTI22 Tare 30140 lb Out 06/02/2022 08:20:10 AMARTI22 Net 33040 lb 16.52 Tons

Carrier

Container Driver

Billing #

Gen EPA ID

Check#

Vehicle# 7-SOLO

Comments

Consumer Comments? We want to know. Please call.

Prod	uct		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP EVF-P-Stand FUEL-Fuel S	dard Env	100	16.52	Tons % %				CLACK-IN

Total Tax Total Ticket





Ori/ginal Ticket# 1644217

OF GRAND RONDE 419 MA

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/01/2022 Payment Type Credit Account Manual Ticket#

Hauling Ticket# Route

State Waste Code Manifest

Destination PO

2112 Profile

Generator

Check#

Carrier

Container Driver

Billing # 0002/111 Gen EPA ID

Vehicle# 7-SOLO

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES

Time Scale 06/01/2022 14:22:21 Inbound 1 Out 06/01/2022 14:22:21

Operator AMARTI22 AMARTI22

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

56120 lb 30140 lb 25980 lb 12.99

Comments

Ιn

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	12.99	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1644182

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/01/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest

Destination

PO 2112

Time

Profile

137635OR (Water Filtration Sediment)

Scale

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

06/01/2022 11:49:18 In Inbound 1 Out 06/01/2022 11:49:18

amarti22 amarti22

DEANS COMMERCIAL

7-SOLO

0002111

Inbound

Gross Tare Net Tons

30140 lb 29360 lb 14.68

59500 lb

Comments

Consumer Comments? We want to know. Please call.

Prod	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	14.68	Tons % %				CLACK-IN

Carrier

Driver

Check#

Operator

Vehicle#

Container

Billing #

Gen EPA ID

Total Tax Total Ticket





Original Ticket# 1644155

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 06/01/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest Destination

PO

Time

Profile

06/01/2022 09:34:17

Out 06/01/2022 09:34:17

Generator

Billing # Gen EPA ID

Carrier

Check#

Vehicle#

Container Driver

Grid

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Inbound 2

Operator mlawren4 mlawren4

Inbound

DEANS COMMERCIAL

7-SOLO

0002111

JIM

Gross Tare Net

30140 lb 27900 lb 13.95

58040 lb

Tons

Comments

Ιn

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS 2 EVF-P-Standard En 3 FUEL-Fuel Surchar	v 100	13.95	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket



Original Ticket# 1643846

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/27/2022 Payment Type Credit Account

NA

Manual Ticket# Hauling Ticket#

Route State Waste Code

Manifest Destination

PO 2112

Profile Generator 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Vehicle# 6-SOLO

Billing # 0002111

DOUG

Carrier

Driver

Check#

Grid

Container

Gen EPA ID

Time 05/27/2022 12:43:25 Ιn Out 05/27/2022 12:43:25

Scale Inbound 2

Operator EDESMART EDESMART

Inbound

DEANS COMMERCIAL

Gross 68740 lb 30220 lb Tare 38520 lb

Net 19.26 Tons

Comments

Consumer Comments? We want to know. Please call.

Product	L	D% Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP 2 EVF-P-Stand 3 FUEL-Fuel S	dard Env 10	0	.26 Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1643839

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/27/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest NA

Destination PO

Profile Generator 2112

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale
In 05/27/2022 12:21:46 Inbound 1
Out 05/27/2022 12:21:46

e Operator nd 1 AMARTI22 AMARTI22 Inbound

DEANS COMMERCIAL

Gross 67220 lb Tare 30280 lb Net 36940 lb Tons 18.47

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPC 2 EVF-P-Standard E 3 FUEL-Fuel Surcha	nv 100	18.47	Tons % %				CLACK-IN

Carrier

Driver

Check#

Grid

Container

Gen EPA ID

Vehicle# 5-SOLO

Billing # 0002111

JOHN

Total Tax Total Ticket





Original Ticket# 1643813

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/27/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest NA

Destination

PO

2112 Profile

1376350R (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Driver

Check#

Grid

Container

Billing #

Gen EPÁ ID

Vehicle# 6-SOLO

DOUG

0002111

Time 05/27/2022 10:15:51 Ιn Out 05/27/2022 10:15:51

Scale Inbound 2

Operator EDESMART **EDESMART** 

Inbound

DEANS COMMERCIAL

71600 lb Gross Tare 30220 lb 41380 lb Net Tons 20.69

Comments

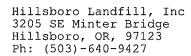
Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surchard	7 100	20.69	Tons %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket









DEANS COMMERCIAL

Original Ticket# 1643811

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 05/27/2022
Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest Destination

PO 2112 Profile

Generator

Container Driver john Check# 0002111

Billing # Gen EPA ID

Vehicle# 5-SOLO

Carrier

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator 05/27/2022 10:02:51 Inbound 1 amarti22 Out 05/27/2022 10:02:51 amarti22

Tare Net Tons

Gross

Inbound

71220 lb 30280 lb 40940 lb 20.47

Comments

Ιn

Consumer Comments? We want to know. Please call.

Produc	ct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
2 I	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	20.47	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1643775

Volume

DEANS COMMERCIAL

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 05/27/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest NA Destination PO

2112

Profile 137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Driver

Check#

Container

Gen EPA ID

Vehicle# 6-SOLO

Billing # 0002111

ALTON

Time Scale Operator Inbound Gross 64560 lb 05/27/2022 08:19:54 Ιn Inbound 1 amarti22 Tare 30220 lb Out 05/27/2022 08:19:54 amarti22 Net 34340 lb Tons 17.17

Comments

Consumer Comments? We want to know. Please call.

Prod	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	17.17	Tons %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1643767

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/27/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest

Destination

PO Profile 2112

137635OR (Water Filtration Sediment) Generator

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Driver

Check#

Container

Gen EPA ID

Vehicle# 5-SOLO

Billing # 0002111

JOHN

Time 05/27/2022 08:06:16 Ιn Out 05/27/2022 08:06:16

Scale Inbound 1

Operator amarti22 amarti22

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

63040 lb 30280 lb 32760 lb 16.38

Comments

Consumer Comments? We want to know. Please call.

Prod	luct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	16.38	Tons %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1643576

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 05/25/2022 Payment Type Credit Account Manual Ticket# Hauling Ticket# Route State Waste Code Manifest na

DEANS COMMERCIAL Carrier Vehicle# 5-SOLO Volume Container Driver DAVID

Check# Billing # 0002111 Gen EPA ID

Destination PO 2112

Profile

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

56040 lb Time Scale Operator Inbound Gross In 05/25/2022 12:49:30 Out 05/25/2022 12:49:30 30280 lb 25760 lb Inbound 1 mlawren4 Tare mlawren4 Net Tons 12.88

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	12.88	Tons % %				CLACK-IN

Total Tax Total Ticket





Ticket# 1643573

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/25/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Time

Destination

Profile

Out 05/25/2022 12:33:29

Generator

2112 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Operator Scale 05/25/2022 12:33:29 Inbound 2

EDESMART **EDESMART** 

Carrier

Check#

Vehicle#

Container Driver

Billing #

Gen EPA ID

Inbound

DEANS COMMERCIAL

7-SOLO

0002111

JIM

Gross Tare Net

Tons

57900 lb 30140 lb 27760 lb 13.88

Comments

Ιn

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surchard	7 100	13.88	Tons % %				CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1643568

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/25/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination PO

Profile

2112

Generator

Driver alton Check# Billing # 0002111 Gen EPA ID

Vehicle# 6-SOLO

Grid

Carrier

Container

Volume

1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 05/25/2022 12:21:13 Inbound 1 Out 05/25/2022 12:21:13

Operator amarti22 amarti22

Inbound

DEANS COMMERCIAL

Gross 60440 lb Tare 30220 lb 30220 lb 15.11

Net Tons

Comments

Consumer Comments? We want to know. Please call.

Prod	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.11	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1643546

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/25/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

Profile Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Driver

Check#

Grid

Container

Billing #

Gen EPA ID

Vehicle# 5-SOLO

JOHN

0002111

DEANS COMMERCIAL

64000 lb Time Scale Operator Inbound Gross 05/25/2022 10:43:01 30280 lb Ιn Inbound 1 AMARTI22 Tare Out 05/25/2022 10:43:01 33720 lb AMARTI22 Net Tons 16.86

Comments

Consumer Comments? We want to know. Please call.

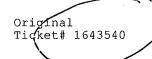
Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPC 2 EVF-P-Standard E 3 FUEL-Fuel Surcha	nv 100	16.86	Tons % %				CLACK-IN



Total Tax Total Ticket







Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/25/2022

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Time

Destination

PO Profile

Ιn

2112

137635OR (Water Filtration Sediment)

Generator

Out 05/25/2022 10:27:17

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 05/25/2022 10:27:17 Inbound 2

Operator EDESMART **EDESMART** 

Carrier

Driver

Check#

Grid

Vehicle#

Container

Billing #

Gen EPA ID

Inbound

DEANS COMMERCIAL

7-SOLO

0002111

JIM

Gross Tare Net

Tons

63640 lb 30140\_lb 33500 lb 16.75

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	16.75	Tons % %	<b>,</b>	,		CLACK-IN

Total Tax Total Ticket





Original Ticket# 1643534

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/25/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest NA

Destination

PO

Out 05/25/2022 10:12:47

2112

Profile 137635OR (Water Filtration Sediment)
Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Operator Time Scale 05/25/2022 10:12:47 Inbound 2

EDESMART

EDESMART

Carrier

Container

Gen EPA ID

Check#

Vehicle# 6-SOLO

Billing # 0002111

Driver DOUG

Inbound

DEANS COMMERCIAL

Gross Tare Net

30220 lb 28900 lb

Tons

14.45

59120 lb

Comments

In

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	14.45	Tons %				CLACK-IN

Total Tax Total Ticket





Original Tacket# 1643493

-Wolume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/25/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest NΑ

Destination PO

2112

Profile Generator

1376350R (Water Filtration Sediment) 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time

Scale 05/25/2022 08:28:50 Inbound 2 Out 05/25/2022 08:28:50

Operator EDESMART **EDESMART** 

Inbound

DEANS COMMERCIAL

7-SOLO

0002111

JIM

Gross Tare Net Tons

30140 lb 24080 lb 12.04

Comments

Ιn

Consumer Comments? We want to know. Please call.

Prod	uct 	. TD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	12.04	Tons % %				CLACK-IN

Carrier

Driver

Check# Billing # Gen EPA ID

Vehicle#

Container

Total Tax Total Ticket





Original Ticket# 1643492

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/25/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#.

Route

State Waste Code Manifest na

Destination 2112

Driver Check# Billing #

Carrier

Vehicle#

Container

Gen EPA ID

Profile 137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

DEANS COMMERCIAL

5-SOLO

0002111

John

Time 05/25/2022 08:27:28 And in 51520 lb Scale Operator Inbound Gross Tare was 30280 lb Inbound 1 amarti22 Out 05/25/2022 08:27:28 21240 lb ' amarti22 Net Tons 10.62

Comments

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Qty	MOU	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	10.62	Tons % %				CLACK-IN



Total Tax Total Ticket



Original Ticket# 1643488

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/25/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest na

Destination

PO Profile 2112

1376350R (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale
In 05/25/2022 08:10:01 Inbound 1
Out 05/25/2022 08:10:01

Operator amarti22 amarti22

Carrier

Driver

Check#

Container

Vehicle# 6-SOLO

Billing # 0002111 Gen EPA ID

Alton

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons 53520 lb 30220 lb 23300 lb 11.65

Comments

Consumer Comments? We want to know. Please call.

Produ	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	11.65	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1643015

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/19/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO Profile

Generator

Grid 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale Operator

05/19/2022 10:40:49 Inbound 2 EDESMART Out 05/19/2022 10:40:49

EDESMART

Carrier

Container

Billing # Gen EPA ID

Driver

Check#

Vehicle# 5-SOLO

Inbound

DEANS COMMERCIAL

0002111

Gross Tare Net Tons

61900 lb 30280 lb 31620 lb 15.81

Comments

In

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWF 2 EVF-P-Standard 3 FUEL-Fuel Surch	Env 100	15.81	Tons %	<u>-</u>			CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket



Original Ticket# 1643014

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/19/2022
Payment Type Credit Account
Manual Ticket#

Hauling Ticket#

Route

State Waste Code NA

Manifest Destination

PO 2112

Time

Profile Generator 137635OR (Water Filtration Sediment)

Scale

05/19/2022 10:39:44 Inbound 2 Out 05/19/2022 10:39:44

Operator EDESMART **EDESMART** 

Carrier

Check#

Grid

Container Driver

Billing #

Gen EPA ID

Vehicle# 6-SOLO

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

DOUG

0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net

30220 1by 30900 lb 15.45 Tons

6112<u>0</u>lb

Comments

Ιn

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surchard	v 100	15.45	Tons % %				CLACK-IN CLACK-IN CLACK-IN

Total Tax Total Ticket







Original Ticket# 1642989

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/19/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO

2112

Profile

Generator

Grid

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Vehicle# 5-SOLO

Billing # 0002111 Gen EPA ID

DAVID

DEANS COMMERCIAL

Scale Operator Inbound Gross 60920 lb 05/19/2022 08:38:34 Inbound 2 EDESMART In Tare 30280 lb 30640 lb Out 05/19/2022 08:38:34 **EDESMART** Net Tons 15.32

Carrier

Driver

Check#

Container

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	15.32	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1642985

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/19/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

2112 PO

Profile

137635OR (Water Filtration Sediment)

Generator

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Container

Billing #

Gen EPÁ ID

Driver

Check#

Grid

Vehicle# 6-SOLO

DOUG

Time 05/19/2022 08:27:41 Ιn

Out 05/19/2022 08:27:41

Scale Inbound 2

Operator EDESMART

**EDESMART** 

Inbound

DEANS COMMERCIAL

0002111

Tare Net Tons

Gross

30220 1b **3**1980 lb 15.99

62200\_lb

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surchard	7 100	15.99	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1642034

Volume

Tons

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/10/2022 Payment Type Credit Account Manual Ticket#

Hauling Ticket#

Route State Waste Code

Manifest Destination

PO 2112

Profile

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 05/10/2022 10:53:42 Inbound 1 In Out 05/10/2022 10:53:42

Operator amarti22 amarti22

Inbound

Carrier DEANS COMMERCIAL

ALTON

Vehicle# 5-SOLO

Billing # 0002111

Container Driver

Gen EPÁ ID

Check#

Grid

76360 lb Gross 30280 lb Tare Net 46080 lb

23.04

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	23.04	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641991

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/10/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route State Waste Code Manifest na

Destination

PO 2112

Profile

137635OR (Water Filtration Sediment)

Generator

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 05/10/2022 08:30:21 In Inbound 1 Out 05/10/2022 08:30:21

Operator amarti22 amarti22

Carrier DEANS C Vehicle# 5-SOLO

ALTON

0002111

Container

Driver

Check# Billing # Gen EPA ID

Grid

Inbound

DEANS COMMERCIAL

74620 lb Gross 30280 lb Tare Net 44340 lb Tons 22.17

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	22.17	Tons % %				CLACK-IN

Total Tax Total Ticket



Original Ticket# 1641946

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/09/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest Destination

PΟ

Profile

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Scale 05/09/2022 15:30:57 In Out 05/09/2022 15:30:57

Inbound 1

1: 1

Operator AMARTI22 AMARTI22

Carrier DEANS C Vehicle# 5-SOLO

JOHN

0002111

Container

Billing # Gen EPA ID

Driver

Check#

Grid

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons

80400 lb 30280 lb 50120 lb 25.06

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	25.06	Tons				CLACK-IN

Total Tax Total Ticket



Original Ticket# 1641908

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 05/09/2022 Payment Type Credit Account Manual Ticket#

Hauling Ticket#
Route
State Waste Code
Manifest na

Carrier DEANS COMMERCIAL
Vehicle# 6-SOLO Volume
Container
Driver NICK
Check#
Billing # 0002111
Gen EPA ID
Grid

Destination PO 2112

Profile Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time
In 05/09/2022 13:25:12
Out 05/09/2022 13:25:12

Scale Inbound 1

Operator AMARTI22 AMARTI22 Inbound

Gross 80220 lb Tare 30220 lb Net 50000 lb Tons 25.00

Comments

Consumer Comments? We want to know. Please call.

Pro	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	25.00	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641901

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/09/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA Destination

2112

Profile Generator Billing # Gen EPA ID

Grid

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Container

Driver

Check#

Carrier DEANS C Vehicle# 5-SOLO

JOHN

0002111

DEANS COMMERCIAL

Time Scale Operator Inbound Gross 74920 lb 05/09/2022 13:04:26 In AMĀRTI22 Inbound 1 Tare 30280 lb 44640 lb Out 05/09/2022 13:04:26 AMARTI22 Net Tons 22.32

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	22.32	Tons % %			·	CLACK-IN CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641876

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/09/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA

Destination

PO Profile

2112

137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale 05/09/2022 10:59:16 Ιn Inbound 1 Out 05/09/2022 10:59:16

Operator amarti22 amarti22

Inbound

Carrier DEANS COMMERCIAL

NICK

Vehicle# 6-SOLO

Billing # 0002111

Container

Gen EPA ID

Driver

Check#

Grid

68780 lb Gross Tare 30220 lb 38560 lb Net

19.28

Tons

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPC 2 EVF-P-Standard F 3 FUEL-Fuel Surcha	Env 100	19.28	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641828

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/09/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA

Destination PO 2112

Profile Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Driver

Check# Billing # Gen EPA ID

Grid

Container

Vehicle# 5-SOLO

JOHN

DEANS COMMERCIAL

0002111

74240 lb Scale Operator Inbound Gross 05/09/2022 08:39:50 Inbound 1 30280 lb In amarti22 Tare Out 05/09/2022 09:02:00 Outbound amarti22 Net 43960 lb Tons 21.98

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	21.98	Tons % %				CLACK-IN

Total Tax Total Ticket



Original Ticket# 1641824

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/09/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA

Destination

PO

Profile Generator 2112 137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time 05/09/2022 08:32:47 Out 05/09/2022 08:32:47

Scale Inbound 1

Operator amarti22 amarti22

Inbound

Carrier DEANS COMMERCIAL

NICK

Vehicle# 6-SOLO

Billing # 0002111 Gen EPA ID

Container

Driver

Check#

Gross 73480 lb Tare 30220 lb Net

Volume

43260 lb Tons 21.63

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS 2 EVF-P-Standard En 3 FUEL-Fuel Surchard	v 100	21.63	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641741

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/06/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA Destination

PO 2112

Profile

Carrier DEANS COMMERCIAL Vehicle# 6-SOLO Container Driver Check# Billing # Gen EPA ID 0002111

Volume

Grid

137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Time Scale Operator Inbound Gross 77280 lb In 05/06/2022 13:05:22 Inbound 1 mramos14 Tare 30220 lb 47060 lb Out 05/06/2022 13:05:22 mramos14 Net Tons 23.53

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	23.53	Tons % %				CLACK-IN

Total Tax Total Ticket



Original Ticket# 1641725

Volume

PRESTO HOMES INC DUMP TRUCK

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/06/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO

2112

Profile

137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Grid

Carrier

Driver

Check# Billing # Gen EPA ID

Container

Carrier PRESTO H Vehicle# 77-SOLO

GAVINO

0002111

Time Operator 79460 lb Scale Inbound Gross 05/06/2022 11:14:24 In Inbound 2 mramos14 Tare 28860 lb Out 05/06/2022 11:14:24 50600 lb mramos14 Net Tons 25.30

Comments

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	25.30	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641721

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/06/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA

Destination

2112 PΟ

Profile Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

DEANS COMMERCIAL

Time Scale Operator Inbound 81540 lb Gross In 05/06/2022 11:08:32 Inbound 2 mramos14 30400 lb Tare Out 05/06/2022 11:08:32 mramos14 Net 51140 lb 25.57 Tons

Carrier

Driver

Check# Billing # Gen EPA ID

Grid

Container

Vehicle# 5-SOLO

ALTON

0002111

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPC 2 EVF-P-Standard E 3 FUEL-Fuel Surcha	nv 100	25.57	Tons %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641709

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/06/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest NA

Destination

PO 21

Time

Profile Generator

Comments

2112 1376350R (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

In 05/06/2022 10:51:49 Out 05/06/2022 10:51:49 Scale

Scale Inbound 1 Operator AMARTI22 AMARTI22

Carrier

Driver

Check# Billing # Gen EPA ID

Grid

Container

Vehicle# 6-SOLO

DOUG

0002111

Inbound

DEANS COMMERCIAL

Gross Tare Net Tons 76160 lb 30220 lb 45940 lb 22.97

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	22.97	Tons % %				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641685

Volume

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/06/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest Destination

PO

Profile

1376350R (Water Filtration Sediment)

Generator

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier DEANS C Vehicle# 5-SOLO

Billing # 0002111 Gen EPA ID

ALTON

Container

Driver

Check#

Grid

DEANS COMMERCIAL

Time Scale Operator Inbound Gross 78380 lb 05/06/2022 09:01:59 In Inbound 1 amarti22 Tare 30400 lb 47980 lb Out 05/06/2022 09:01:59 amarti22 Net Tons 23.99

Comments

Consumer Comments? We want to know. Please call.

Prod	duct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2 3	ENVCLEANUP SPWPCS- EVF-P-Standard Env FUEL-Fuel Surcharg	100	23.99	Tons				CLACK-IN

Total Tax Total Ticket





Original Ticket# 1641682

PRESTO HOMES INC DUMP TRUCK

Vehicle# 77-SOLO Volume

0002111 .

DAN

Customer Name ELDERDEMO ELDER DEMOLITION

Ticket Date 05/06/2022 Payment Type Credit Account Manual Ticket#

Hauling Ticket#

Route

State Waste Code NA

Manifest

Destination

PO 2112

Profile

Generator

137635OR (Water Filtration Sediment)

168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Container Driver

Billing #

Gen EPA ID

Check#

Grid

78500 lb Time Operator Scale Inbound Gross 05/06/2022 08:52:11 28860 lb 49640 lb Inbound 1 amarti22 Tare Out 05/06/2022 09:17:21 Outbound amarti22 Net 24.82 Tons

Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS- 2 EVF-P-Standard Env 3 FUEL-Fuel Surcharg	100	24.82	Tons % %		·		CLACK-IN

Total Tax Total Ticket



Original Ticket# 1641674

Volume

Customer Name ELDERDEMO ELDER DEMOLITION Ticket Date 05/06/2022 Payment Type Credit Account

Manual Ticket# Hauling Ticket# Route

State Waste Code Manifest Destination

ΡO

Profile 137635OR (Water Filtration Sediment)

Generator 168-THE CONFEDERATED TRIBES OF THE CONFEDERATED TRIBES OF GRAND RONDE 419 MA

Carrier

Driver

Check#

Grid

Container

Billing # Gen EPA ID

Carrier DEANS C Vehicle# 6-SOLO

DOUG

0002111

DEANS COMMERCIAL

Time Scale Operator Inbound 73140 lb Gross 05/06/2022 08:36:20 Ιn Inbound 1 amarti22 Tare 30220 lb Out 05/06/2022 08:36:20 amarti22 Net 42920 lb Tons 21.46 Comments

Consumer Comments? We want to know. Please call.

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 ENVCLEANUP SPWPCS 2 EVF-P-Standard En 3 FUEL-Fuel Surchar	v 100	21.46	Tons %				CLACK-IN CLACK-IN

Total Tax Total Ticket



#### **OREGON CITY GARBAGE**

P.O. BOX 1840

OREGON CITY, OR 97045

503-656-8403

WWW.OREGONCITYGARBAGECO.COM

\$ 16,060.	.94	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 16,060.94		
CURRE	NT	0-30 DAYS	31-60 DAYS	61-90 DAYS	OVER 90 DAY	S PAY THIS	AMOUNT	
·								
			TOTA	L BALANCE DUE			\$16,060.94	
		•	NEW C	CHARGES			\$1,668.44	
				ENT/CREDITS			(\$12,258.78)	
			SUMM PREVI	IARY OUS BALANCE			\$26,651.28	
		193383						
5/9/22	11.06	1081183 - Materi	al Ref WAST	E DISPOSAL			\$1,486.69	
5/9/22	1.00	1081183	40 YAI	RD ROLLOFF EMP		\$172.00		
5/9/22	1.00	1081183	DAILY	RENT	$\mathcal{M}_{i,\lambda}$	\$7.00		
5/9/22	1.00	1081183		AIN ST O TRANS FEE		and a	\$2.75	
DATE	QTY	REFERENCE	DESCR	RIPTION			BALANCE	
312080	09	6400 SE 101S	T AVE STE 201		3921776	5/11/22	5/21/22	
ACCOUNT			BILLING ADDRESS		INVOICE NO	INVOICE DATE	DUE DATE	

#### ACCOUNTS DUE BY THE 15TH OF THE MONTH

Oregon City Garbage Co., reserves the right to accrue finance charges on any past due balance and there is a \$20.00 charge for any returned payment. Please return your invoice stub with your payment or write your account number on your check.

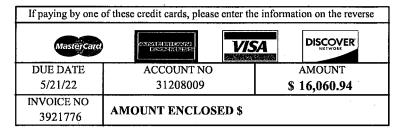
## Company, Inc.

#### **OREGON CITY GARBAGE** P.O. BOX 1840

OREGON CITY, OR 97045

503-656-8403

#### PLEASE RETURN THIS PORTION WITH PAYMENT



ELDER DEMOLITION INC 6400 SE 101ST AVE STE 201 PORTLAND, OR 97266

OREGON CITY GARBAGE P.O. BOX 1840 OREGON CITY, OR 97045



**OREGON CITY GARBAGE** P.O. BOX 1840 OREGON CITY, OR 97045 503-656-8403

WWW.OREGONCITYGARBAGECO.COM

ACCOUN	ΓNO	I	BILLING ADDRESS		INVOICE NO	INVOICE DATE	DUE DATE
312080	09	6400 SE 101S	T AVE STE 201		3922018	5/18/22	5/28/22
DATE	QTY	REFERENCE	DESCR	IPTION			BALANCE
5/12/22 5/12/22 5/12/22	1.00 1.00 8.59	1081735 1081735 1081735 - Materi 5055652	40 YAR al Ref WASTE	O TRANS FEE RD ROLLOFF EMP E DISPOSAL	TY RETURN		\$2.75 \$172.00 \$1,154.67
			PAYMI NEW C	ARY DUS BALANCE ENT/CREDITS HARGES L BALANCE DUE	(	En)	\$16,060.94 \$0.00 \$1,329.42 <b>\$17,390.36</b>
CURRE	TV	0-30 DAYS	31-60 DAYS	61-90 DAYS	OVER 90 DAY	S PAY THIS	AMOUNT
\$ 13,938.	34	\$ 3,452.02	\$ 0.00	\$ 0.00	\$ 0.00	\$ 17,3	390.36

#### ACCOUNTS DUE BY THE 15TH OF THE MONTH

Terms: Oregon City Garbage Co., reserves the right to accrue finance charges on any past due balance and there is a \$20.00 charge for any returned payment. Please return your invoice stub with your payment or write your account number on your check.



ACCOU	NT NO		BILL	ING ADDRESS	-	INVOICE N	0	INVOICE D	ATE	DL	JE DATE
3120	8009		41	9 MAIN ST		3934317		05/31/202	22	6/1	5/2022
DATE	QTY	RE	FERENCE		DESC	CRIPTION				I	BALANCE
05/31/2022 05/18/2022 05/18/2022 05/18/2022	05/31/2022 1 3922018 05/18/2022 11.45083048 - MATERIAL REF 5061646 05/18/2022 1 1083048 05/18/2022 1 1083048					MAIN ST E FEE STE DISPOSAL TRO TRANS FEI ARD ROLLOFF  MMARY EVIOUS BALANG MENTS/CREDI N CHARGES TAL BALANCE I	EMPT CE TS	Y RETURN			\$19.94 \$1,539.11 \$2.75 \$172.00 \$17,390.36 \$16,060.94) \$1,733.80 \$3,063.22
CURREN	VT .		0-30 DAYS	31-60 DAYS	. (	61-90 DAYS	OVE	R 90 DAYS	PAY	THIS	AMOUNT
3,063.2	3,063.22 0.00 0.00			0.00 0.00			\$3,063.22				

ACCOUNTS DUE BY THE 15TH OF THE MONTH UNLESS PAST DUE WHICH ARE DUE UPON RECEIPT Terms: Oregon City Garbage Co., Inc. reserves the right to accrue finance charges on any past due balance and there is a \$25.00 charge for any returned payment. Please return your invoice stub with your

payment or write your account number on your check.

#### PLEASE RETURN THIS PORTION WITH PAYMENT

If paying by one of these credit cards, please enter the information on the reverse side.

Master Card	CONTRACT EXCERTED	VISA	DISC®VER
DUE DATE 6/15/2022	ACCOUNT NUM 31208009	BER	AMOUNT \$3,063.22
INVOICE # 3934317	Amount Enclosed	\$	

Check box if paying by Credit Card or if you changed your billing address on the reverse



OREGON CITY GARBAGE CO., INC.

P.O. BOX 1840 OREGON CITY, OR 97045

11129 1 AB 0.461 26/91 011238 0001:0001 ELDER DEMOLITION INC 6400 SE 101ST AVE STE 201 PORTLAND OR 97266-5142

լհգոռնիկաիկժինցականգրկրիյիննգինիկներկիկնոին

### -իիր-ինիրիրդությենների իրեր-ինի-ինի-ինի

OREGON CITY GARBAGE CO., INC. PO BOX 1840 OREGON CITY OR 97045-0003



**OREGON CITY GARBAGE** P.O. BOX 1840 OREGON CITY, OR 97045 503-656-8403

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ACCOUN'	T NO	BILLING A	ADDRESS	INVOICE NO	INVOICE DATE	DUE DATE
312080	009	6400 SE 101ST AVE S	TE 201	3940633	6/8/22	6/18/22
DATE	QTY	REFERENCE	DESCRIPTION			BALANCE
6/6/22 6/6/22 6/6/22 6/6/22 5/31/22	1.00 1.00 1.00 8.68	1084564 1084564 1084564 1084564 - Material Ref 5081263 1083865	419 MAIN ST METRO TRANS FEE DAILY RENT 40 YARD ROLLOFF WASTE DISPOSAL METRO TRANS FEE	EMPTY RETURN		\$2.75 \$7.00 \$172.00 \$1,166.77
5/31/22 5/31/22 5/31/22	5.00 1.00 4.84	1083865 1083865 1083865 - Material Ref 5075388	METRO TRANS FEE DAILY RENT 40 YARD ROLLOFF WASTE DISPOSAL		1	\$2.75 \$35.00 \$172.00 \$650.59
		3073368	SUMMARY PREVIOUS BALANC PAYMENT/CREDITS NEW CHARGES TOTAL BALANCE I			\$3,063.22 (\$1,329.42 \$2,208.86 <b>\$3,942.66</b>

### ACCOUNTS DUE BY THE 15TH OF THE MONTH

Oregon City Garbage Co., reserves the right to accrue finance charges on any past due balance and there is a \$20.00 charge for any returned Terms: payment. Please return your invoice stub with your payment or write your account number on your check.

# OREGON CITY GARBAGE Company, Inc.

#### **OREGON CITY GARBAGE**

P.O. BOX 1840 OREGON CITY, OR 97045 503-656-8403

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ACCOUN'	T NO	F	BILLING ADDRESS		INVOICE NO	INVOICE DATE	DUE DATE	
312080	109	6400 SE 101S	T AVE STE 201		3991543	8/3/22	8/13/22	
DATE	QTY	REFERENCE	DESC	RIPTION		· <b>!</b>	BALANCE	
				AIN ST				
7/29/22	1.00	1092958	METR	O TRANS FEE			\$4.25	
7/29/22	1.00	1092960	METR	O TRANS FEE			\$4.25	
7/29/22	1.00	1092958	40 YA	RD ROLLOFF EMP	TY RETURN		\$172.00	
7/29/22	1.00	1092960	40 YA	RD ROLLOFF EMP	TY RETURN		\$172.00	
7/29/22	6.81	1092960 - Materi	al Ref WAST	E DISPOSAL			\$966.75	
		5137458						
7/29/22	7.44	1092958 - Materi 5137471	al Ref WAST	E DISPOSAL		\$1,056.18		
			PAYM	MARY  IOUS BALANCE  IENT/CREDITS  CHARGES	H	d	\$55.00 \$0.00 \$2,375.43	
			ТОТА	L BALANCE DUE	•		\$2,430.43	
CURRE	NT	0-30 DAYS	31-60 DAYS	61-90 DAYS	OVER 90 DAY	S PAY THIS	S AMOUNT	
\$ 2,430.	43	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,4	30.43	

#### ACCOUNTS DUE BY THE 15TH OF THE MONTH

Terms: Oregon City Garbage Co., reserves the right to accrue finance charges on any past due balance and there is a \$20.00 charge for any returned payment. Please return your invoice stub with your payment or write your account number on your check.

## OREGON CITY GARBAGE Company, Inc.

OREGON CITY GARBAGE P.O. BOX 1840 OREGON CITY, OR 97045

503-656-8403

#### PLEASE RETURN THIS PORTION WITH PAYMENT

If paying by one of	of these credit cards, please enter th	e information on the reverse				
MasterCard	AMIERICANI ISACHRESIS	DISCOVER				
DUE DATE	ACCOUNT NO	AMOUNT				
8/13/22	31208009	\$ 2,430.43				
INVOICE NO	A MOVING PRIOR OCER A					
3991543	AMOUNT ENCLOSED \$					

ELDER DEMOLITION INC 6400 SE 101ST AVE STE 201 PORTLAND, OR 97266

OREGON CITY GARBAGE P.O. BOX 1840 OREGON CITY, OR 97045



### **OREGON CITY GARBAGE**

P.O. BOX 1840

OREGON CITY, OR 97045

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ACCOUN	T NO	BILLING	ADDRESS	INVOICE NO	INVOICE DATE	DUE DATE
312080	009	6400 SE 101ST AVE S	TE 201	3899133	4/20/22	4/30/22
DATE	QTY	REFERENCE	DESCRIPTION			BALANCE
4/19/22 4/19/22 4/19/22 4/19/22 4/19/22	1.00 1.00 1.00 1.00 8.22	1078775 1078776 1078775 1078776 1078775 - Material Ref 5034350	419 MAIN ST METRO TRANS FEE METRO TRANS FEE 40 YARD ROLLOFF EN WASTE DISPOSAL			\$2.7 \$2.7 \$172.0 \$172.0 \$1,104.9
/19/22	10.96	1078776 - Material Ref 5034346	WASTE DISPOSAL	•		\$1,473.2
1/14/22 1/14/22 1/14/22 1/14/22 1/14/22 1/14/22 1/14/22 1/14/22	1.00 1.00 1.00 1.00 1.00 1.00 1.00 6.99	1078771 1078772 1078773 1078774 1078771 1078772 1078773 1078774 1078774 - Material Ref 5030153	METRO TRANS FEE METRO TRANS FEE METRO TRANS FEE METRO TRANS FEE 40 YARD ROLLOFF EM 40 YARD ROLLOFF EM 40 YARD ROLLOFF EM 40 YARD ROLLOFF EM WASTE DISPOSAL	PTY RETURN PTY RETURN	len	\$2.7 \$2.7 \$2.7 \$2.7 \$172.00 \$172.00 \$172.00 \$939.60

ACCOUNTS DUE BY THE 15TH OF THE MONTH

Terms: Oregon City Garbage Co., reserves the right to accrue finance charges on any past due balance and there is a \$20.00 charge for any returned payment. Please return your invoice stub with your payment or write your account number on your check.



P.O. BOX 1840

**OREGON CITY, OR 97045** 

503-656-8403

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ACCOUNT	NO	BILLING A	ADDRESS	INVOICE NO	INVOICE DATE	DUE DATE		
3120800	)9	6400 SE 101ST AVE S	TE 201	3898950	4/14/22	4/24/22		
DATE	QTY	REFERENCE	DESCRIPTION			BALANCE		
04/13/2022	1.00	1078151	419 MAIN ST METRO TRANS FEE			\$2.75		
04/13/2022	1.00	1078152	METRO TRANS FEE			\$2.75		
04/13/2022	1.00	1078153	METRO TRANS FEE			\$2.75		
04/13/2022	10.00	1078151	DAILY RENT					
04/13/2022	1.00	1078151	40 YARD ROLLOFF EN	MPTY RETURN		\$172.00		
04/13/2022	1.00	1078152	40 YARD ROLLOFF EN	40 YARD ROLLOFF EMPTY RETURN				
04/13/2022	1.00	1078153	40 YARD ROLLOFF EN		\$172.00			
04/13/2022	6.59	1078151 - Material Ref 5029167	WASTE DISPOSAL			\$885.83		
04/13/2022	7.04	1078153 - Material Ref 5028977	WASTE DISPOSAL			\$946.32		
04/13/2022	7.63	1078152 - Material Ref 5029116	WASTE DISPOSAL			\$1,025.62		
			SUMMARY					
			PREVIOUS BALANCE			\$1,247.57		
			PAYMENT/CREDITS		. /	(\$1,247.57)		
			NEW CHARGES	Ot.		\$3,452.02		
			TOTAL BALANCE DU	E Th	7	\$3,452.02		
				10				

#### ACCOUNTS DUE BY THE 15TH OF THE MONTH

Oregon City Garbage Co., reserves the right to accrue finance charges on any past due balance and there is a \$20.00 charge for any returned payment. Please return your invoice stub with your payment or write your account number on your check.



#### **OREGON CITY GARBAGE** P.O. BOX 1840 OREGON CITY, OR 97045

503-656-8403

If paying by one of these credit cards, please enter the information on the reverse क्षानामा २००५ जिल्लामा २००५

VISA

DISCOVER AMOUNT

4/24/22 INVOICE NO

DUE DATE

ACCOUNT NO 31208009

PLEASE RETURN THIS PORTION WITH PAYMENT

\$ 3,452.02

AMOUNT ENCLOSED \$ 3898950

**ELDER DEMOLITION INC** 6400 SE 101ST AVE STE 201 PORTLAND, OR 97266

OREGON CITY GARBAGE P.O. BOX 1840 OREGON CITY, OR 97045

## **Attachment 6**

**Gully Washer Disposal Characterization** 





#### Apex Laboratories, LLC

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

Monday, July 4, 2022 Jacob Faust Maul Foster & Alongi, INC. 3140 NE Broadway Street Portland, OR 97232

RE: A2F0586 - Blue Heron Paper Mill - M0496.02

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 A2F0586, which was received by the laboratory on 6/16/2022 at 1:08:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: <a href="mailto:pnerenberg@apex-labs.com">pnerenberg@apex-labs.com</a>, 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

(See Cooler Receipt Form for details)

Cooler #1

5.8 degC

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

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





Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Philip Nevenberg

Page 1 of 45



#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

#### ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION										
Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received						
DS-21-SOIL	A2F0586-03	Soil	06/16/22 11:40	06/16/22 13:08						
DS-20-SOIL	A2F0586-04	Soil	06/16/22 12:00	06/16/22 13:08						
DS-19-SOIL	A2F0586-05	Soil	06/16/22 12:15	06/16/22 13:08						
DS-03-SOIL	A2F0586-06	Soil	06/16/22 12:30	06/16/22 13:08						
DS-02-SOIL	A2F0586-07	Soil	06/16/22 12:35	06/16/22 13:08						
DS-01-SOIL	A2F0586-08	Soil	06/16/22 12:45	06/16/22 13:08						

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Philip Nevenberg

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.
3140 NE Broadway Street

Portland, OR 97232

Project: Blue Heron Paper Mill

Project Number: **M0496.02**Project Manager: **Jacob Faust** 

Report ID: A2F0586 - 07 04 22 2317

#### ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
DS-21-SOIL (A2F0586-03)		<u> </u>		Matrix: Soi	ı	Batch:	22F0631	
Acetone	ND		3310	ug/kg dry	50	06/17/22 15:45	5035A/8260D	ICV-02
Acrylonitrile	ND		331	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Benzene	ND		33.1	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Bromobenzene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Bromochloromethane	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Bromodichloromethane	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Bromoform	ND		331	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Bromomethane	ND		1650	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
2-Butanone (MEK)	ND		1650	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
n-Butylbenzene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
sec-Butylbenzene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
tert-Butylbenzene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Carbon disulfide	ND		1650	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Carbon tetrachloride	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Chlorobenzene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Chloroethane	ND		1650	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Chloroform	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Chloromethane	ND		827	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
2-Chlorotoluene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
4-Chlorotoluene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Dibromochloromethane	ND		331	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND		827	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,2-Dibromoethane (EDB)	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Dibromomethane	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,2-Dichlorobenzene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,3-Dichlorobenzene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,4-Dichlorobenzene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Dichlorodifluoromethane	ND		331	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,1-Dichloroethane	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,2-Dichloroethane (EDC)	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,1-Dichloroethene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
cis-1,2-Dichloroethene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
trans-1,2-Dichloroethene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	

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Philip Nevenberg

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

#### ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
OS-21-SOIL (A2F0586-03)				Matrix: Soil	<u> </u>	Batch:	22F0631	
1,2-Dichloropropane	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,3-Dichloropropane	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
2,2-Dichloropropane	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,1-Dichloropropene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
cis-1,3-Dichloropropene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
trans-1,3-Dichloropropene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Ethylbenzene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Hexachlorobutadiene	ND		331	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
2-Hexanone	ND		1650	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Isopropylbenzene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
4-Isopropyltoluene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Methylene chloride	ND		1650	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND		1650	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Naphthalene	ND		331	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
n-Propylbenzene	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Styrene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Tetrachloroethene (PCE)	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Toluene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,2,3-Trichlorobenzene	ND		827	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,2,4-Trichlorobenzene	ND		827	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,1,1-Trichloroethane	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
1,1,2-Trichloroethane	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Frichloroethene (TCE)	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
Trichlorofluoromethane	ND		331	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
,2,3-Trichloropropane	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
,2,4-Trimethylbenzene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
,3,5-Trimethylbenzene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
inyl chloride	ND		82.7	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
ı,p-Xylene	ND		165	ug/kg dry	50	06/17/22 15:45	5035A/8260D	
-Xylene	ND		82.7	ug/kg dry ug/kg dry	50	06/17/22 15:45	5035A/8260D	

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 07 04 22 2317

#### ANALYTICAL SAMPLE RESULTS

	V	olatile Organ	ic Compou	nds by EPA 826	0D			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DS-21-SOIL (A2F0586-03)				Matrix: Soil		Batch:	Batch: 22F0631	
Surrogate: 1,4-Difluorobenzene (Surr)		Reco	very: 98 %	Limits: 80-120 %	1	06/17/22 15:45	5035A/8260D	
Toluene-d8 (Surr)			100 %	80-120 %	1	06/17/22 15:45	5035A/8260D	
4-Bromofluorobenzene (Surr)			98 %	79-120 %	I	06/17/22 15:45	5035A/8260D	
DS-20-SOIL (A2F0586-04)				Matrix: Soil		Batch:	22F0631	
Acetone	ND		1730	ug/kg dry	50	06/17/22 16:12	5035A/8260D	ICV-02
Acrylonitrile	ND		173	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Benzene	ND		17.3	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Bromobenzene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Bromochloromethane	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Bromodichloromethane	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Bromoform	ND		173	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Bromomethane	ND		867	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
2-Butanone (MEK)	ND		867	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
n-Butylbenzene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
sec-Butylbenzene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
tert-Butylbenzene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Carbon disulfide	ND		867	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Carbon tetrachloride	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Chlorobenzene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Chloroethane	ND		867	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Chloroform	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Chloromethane	ND		434	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
2-Chlorotoluene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
4-Chlorotoluene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Dibromochloromethane	ND		173	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND		434	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,2-Dibromoethane (EDB)	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Dibromomethane	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,2-Dichlorobenzene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,3-Dichlorobenzene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,4-Dichlorobenzene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Dichlorodifluoromethane	ND		173	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,1-Dichloroethane	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	

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Philip Nerenberg, Lab Director

Philip Marenberg

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

#### ANALYTICAL SAMPLE RESULTS

	V	olatile Organ	ic Compoun	ds by EPA 82	60D			
	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
DS-20-SOIL (A2F0586-04)				Matrix: Soi	I	Batch: 22F0631		
1,2-Dichloroethane (EDC)	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,1-Dichloroethene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
cis-1,2-Dichloroethene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
trans-1,2-Dichloroethene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,2-Dichloropropane	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,3-Dichloropropane	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
2,2-Dichloropropane	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,1-Dichloropropene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
cis-1,3-Dichloropropene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
trans-1,3-Dichloropropene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Ethylbenzene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Hexachlorobutadiene	ND		173	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
2-Hexanone	ND		867	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Isopropylbenzene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
4-Isopropyltoluene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Methylene chloride	ND		867	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND		867	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Naphthalene	ND		173	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
n-Propylbenzene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Styrene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,1,2-Tetrachloroethane	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Tetrachloroethene (PCE)	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Toluene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,2,3-Trichlorobenzene	ND		434	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,2,4-Trichlorobenzene	ND		434	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,1,1-Trichloroethane	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,1,2-Trichloroethane	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Trichloroethene (TCE)	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Trichlorofluoromethane	ND		173	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,2,3-Trichloropropane	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
1,2,4-Trimethylbenzene	ND		86.7	ug/kg dry ug/kg dry	50	06/17/22 16:12	5035A/8260D	

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Philip Nevenberg

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#### **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street Project Number: M0496.02
Portland, OR 97232 Project Manager: Jacob Faust

Report ID: A2F0586 - 07 04 22 2317

#### ANALYTICAL SAMPLE RESULTS

**Blue Heron Paper Mill** 

Project:

	V	olatile Organ	ic Compou	nds by EPA 826	0D			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DS-20-SOIL (A2F0586-04)				Matrix: Soil		Batch: 22F0631		
1,3,5-Trimethylbenzene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Vinyl chloride	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
m,p-Xylene	ND		86.7	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
o-Xylene	ND		43.4	ug/kg dry	50	06/17/22 16:12	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Reco	very: 99 %	Limits: 80-120 %	1	06/17/22 16:12	5035A/8260D	
Toluene-d8 (Surr)			99 %	80-120 %	1	06/17/22 16:12	5035A/8260D	
4-Bromofluorobenzene (Surr)			99 %	79-120 %	1	06/17/22 16:12	5035A/8260D	
DS-19-SOIL (A2F0586-05)				Matrix: Soil		Batch:	22F0631	
Acetone	ND		2620	ug/kg dry	50	06/17/22 16:39	5035A/8260D	ICV-02
Acrylonitrile	ND		262	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Benzene	ND		26.2	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Bromobenzene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Bromochloromethane	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Bromodichloromethane	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Bromoform	ND		262	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Bromomethane	ND		1310	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
2-Butanone (MEK)	ND		1310	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
n-Butylbenzene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
sec-Butylbenzene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
tert-Butylbenzene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Carbon disulfide	ND		1310	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Carbon tetrachloride	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Chlorobenzene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Chloroethane	ND		1310	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Chloroform	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Chloromethane	ND		654	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
2-Chlorotoluene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
4-Chlorotoluene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Dibromochloromethane	ND		262	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND		654	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
1,2-Dibromoethane (EDB)	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Dibromomethane	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
1,2-Dichlorobenzene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D	

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Philip Nerenberg, Lab Director

Philip Monterg

Page 7 of 45



# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D										
	Sample	Detection	Reporting			Date				
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes		
DS-19-SOIL (A2F0586-05)				Matrix: Soi	ı	Batch:	22F0631			
1,3-Dichlorobenzene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D	<del>_</del> _		
1,4-Dichlorobenzene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Dichlorodifluoromethane	ND		262	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,1-Dichloroethane	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,2-Dichloroethane (EDC)	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,1-Dichloroethene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
cis-1,2-Dichloroethene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
trans-1,2-Dichloroethene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,2-Dichloropropane	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,3-Dichloropropane	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
2,2-Dichloropropane	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,1-Dichloropropene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
cis-1,3-Dichloropropene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
trans-1,3-Dichloropropene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Ethylbenzene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Hexachlorobutadiene	ND		262	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
2-Hexanone	ND		1310	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Isopropylbenzene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
4-Isopropyltoluene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Methylene chloride	ND		1310	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
4-Methyl-2-pentanone (MiBK)	ND		1310	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Methyl tert-butyl ether (MTBE)	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Naphthalene	ND		262	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
n-Propylbenzene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Styrene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,1,2-Tetrachloroethane	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,1,2,2-Tetrachloroethane	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Tetrachloroethene (PCE)	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
Toluene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,2,3-Trichlorobenzene	ND		654	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,2,4-Trichlorobenzene	ND		654	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,1,1-Trichloroethane	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
1,1,2-Trichloroethane	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D			
	•			2 8 1						

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

	٧	olatile Organ	ic Compou	nds by EPA 826	0D			
	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
DS-19-SOIL (A2F0586-05)				Matrix: Soil		Batch:	22F0631	
Trichloroethene (TCE)	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Trichlorofluoromethane	ND		262	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
1,2,3-Trichloropropane	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
1,2,4-Trimethylbenzene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
1,3,5-Trimethylbenzene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Vinyl chloride	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
m,p-Xylene	ND		131	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
o-Xylene	ND		65.4	ug/kg dry	50	06/17/22 16:39	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Reco	very: 98 %	Limits: 80-120 %	1	06/17/22 16:39	5035A/8260D	
Toluene-d8 (Surr)			102 %	80-120 %	1	06/17/22 16:39	5035A/8260D	
4-Bromofluorobenzene (Surr)			99 %	79-120 %	I	06/17/22 16:39	5035A/8260D	
DS-03-SOIL (A2F0586-06)				Matrix: Soil		Batch:	22F0631	
Acetone	ND		5630	ug/kg dry	50	06/17/22 17:06	5035A/8260D	ICV-02
Acrylonitrile	ND		563	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Benzene	ND		56.3	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Bromobenzene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Bromochloromethane	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Bromodichloromethane	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Bromoform	ND		563	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Bromomethane	ND		2810	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
2-Butanone (MEK)	ND		2810	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
n-Butylbenzene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
sec-Butylbenzene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
tert-Butylbenzene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Carbon disulfide	ND		2810	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Carbon tetrachloride	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Chlorobenzene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Chloroethane	ND		2810	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Chloroform	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Chloromethane	ND		1410	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
2-Chlorotoluene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
4-Chlorotoluene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Dibromochloromethane	ND		563	ug/kg dry	50	06/17/22 17:06	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
DS-03-SOIL (A2F0586-06)				Matrix: Soil	ı	Batch: 22F0631		
1,2-Dibromo-3-chloropropane	ND		1410	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,2-Dibromoethane (EDB)	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Dibromomethane	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,2-Dichlorobenzene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,3-Dichlorobenzene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,4-Dichlorobenzene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Dichlorodifluoromethane	ND		563	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,1-Dichloroethane	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,2-Dichloroethane (EDC)	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,1-Dichloroethene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
cis-1,2-Dichloroethene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
rans-1,2-Dichloroethene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,2-Dichloropropane	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,3-Dichloropropane	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
2,2-Dichloropropane	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,1-Dichloropropene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
cis-1,3-Dichloropropene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
rans-1,3-Dichloropropene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Ethylbenzene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Hexachlorobutadiene	ND		563	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
2-Hexanone	ND		2810	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
sopropylbenzene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1-Isopropyltoluene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Methylene chloride	ND		2810	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1-Methyl-2-pentanone (MiBK)	ND		2810	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Naphthalene	ND		563	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
-Propylbenzene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
tyrene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
,1,1,2-Tetrachloroethane	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
,1,2,2-Tetrachloroethane	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Petrachloroethene (PCE)	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
oluene	ND		281	ug/kg dry ug/kg dry	50	06/17/22 17:06	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

Project:

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

**Blue Heron Paper Mill** 

	Sample	Detection	Reporting			Date	<u></u>	
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
DS-03-SOIL (A2F0586-06)				Matrix: Soil		Batch:	22F0631	
1,2,3-Trichlorobenzene	ND		1410	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,2,4-Trichlorobenzene	ND		1410	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,1,1-Trichloroethane	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,1,2-Trichloroethane	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Trichloroethene (TCE)	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Trichlorofluoromethane	ND		563	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,2,3-Trichloropropane	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,2,4-Trimethylbenzene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
1,3,5-Trimethylbenzene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Vinyl chloride	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
m,p-Xylene	ND		281	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
o-Xylene	ND		141	ug/kg dry	50	06/17/22 17:06	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recov	very: 99 %	Limits: 80-120 %	1	06/17/22 17:06	5035A/8260D	
Toluene-d8 (Surr)			100 %	80-120 %	1	06/17/22 17:06	5035A/8260D	
4-Bromofluorobenzene (Surr)			98 %	79-120 %	1	06/17/22 17:06	5035A/8260D	
DS-02-SOIL (A2F0586-07)				Matrix: Soil		Batch:	22F0631	
Acetone	ND		1810	ug/kg dry	50	06/17/22 17:33	5035A/8260D	ICV-02
Acrylonitrile	ND		181	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Benzene	ND		18.1	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Bromobenzene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Bromochloromethane	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Bromodichloromethane	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Bromoform	ND		181	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Bromomethane	ND		903	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
2-Butanone (MEK)	ND		903	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
n-Butylbenzene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
sec-Butylbenzene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
tert-Butylbenzene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Carbon disulfide	ND		903	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Carbon tetrachloride	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Chlorobenzene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
	ND		903	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Chloroethane								

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Philip Nerenberg, Lab Director

Philip Nevenberg



# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

	V	olatile Organ	ic Compound	ds by EPA 82	60D			
	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
DS-02-SOIL (A2F0586-07)				Matrix: Soi	I	Batch:	22F0631	
Chloromethane	ND		452	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
2-Chlorotoluene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
4-Chlorotoluene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Dibromochloromethane	ND		181	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND		452	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2-Dibromoethane (EDB)	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Dibromomethane	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2-Dichlorobenzene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,3-Dichlorobenzene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,4-Dichlorobenzene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Dichlorodifluoromethane	ND		181	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,1-Dichloroethane	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2-Dichloroethane (EDC)	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,1-Dichloroethene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
cis-1,2-Dichloroethene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
trans-1,2-Dichloroethene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2-Dichloropropane	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,3-Dichloropropane	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
2,2-Dichloropropane	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,1-Dichloropropene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
cis-1,3-Dichloropropene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
trans-1,3-Dichloropropene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Ethylbenzene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Hexachlorobutadiene	ND		181	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
2-Hexanone	ND		903	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Isopropylbenzene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
4-Isopropyltoluene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Methylene chloride	ND		903	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND		903	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Naphthalene	ND		181	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
n-Propylbenzene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Styrene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	

Apex Laboratories

Philip Nevenberg

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
DS-02-SOIL (A2F0586-07)				Matrix: Soil		Batch:	22F0631	
1,1,1,2-Tetrachloroethane	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Tetrachloroethene (PCE)	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Toluene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2,3-Trichlorobenzene	ND		452	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2,4-Trichlorobenzene	ND		452	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,1,1-Trichloroethane	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,1,2-Trichloroethane	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Trichloroethene (TCE)	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Trichlorofluoromethane	ND		181	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2,3-Trichloropropane	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,2,4-Trimethylbenzene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
1,3,5-Trimethylbenzene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Vinyl chloride	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
m,p-Xylene	ND		90.3	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
o-Xylene	ND		45.2	ug/kg dry	50	06/17/22 17:33	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Reco	very: 99 %	Limits: 80-120 %	1	06/17/22 17:33	5035A/8260D	
Toluene-d8 (Surr)			101 %	80-120 %	1	06/17/22 17:33	5035A/8260D	
4-Bromofluorobenzene (Surr)			97 %	79-120 %	1	06/17/22 17:33	5035A/8260D	
DS-01-SOIL (A2F0586-08)				Matrix: Soil		Batch:	22F0631	
Acetone	ND		1600	ug/kg dry	50	06/17/22 18:00	5035A/8260D	ICV-02
Acrylonitrile	ND		160	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Benzene	ND		16.0	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Bromobenzene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Bromochloromethane	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Bromodichloromethane	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Bromoform	ND		160	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Bromomethane	ND		802	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
2-Butanone (MEK)	ND		802	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
n-Butylbenzene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
sec-Butylbenzene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
tert-Butylbenzene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	

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Philip Nerenberg, Lab Director

Philip Nevenberg

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
OS-01-SOIL (A2F0586-08)				Matrix: Soi	ı	Batch:	22F0631	
Carbon tetrachloride	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Chlorobenzene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Chloroethane	ND		802	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Chloroform	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Chloromethane	ND		401	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
2-Chlorotoluene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
-Chlorotoluene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Dibromochloromethane	ND		160	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,2-Dibromo-3-chloropropane	ND		401	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,2-Dibromoethane (EDB)	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Dibromomethane	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,2-Dichlorobenzene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,3-Dichlorobenzene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,4-Dichlorobenzene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Dichlorodifluoromethane	ND		160	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,1-Dichloroethane	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,2-Dichloroethane (EDC)	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,1-Dichloroethene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
ris-1,2-Dichloroethene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
rans-1,2-Dichloroethene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,2-Dichloropropane	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,3-Dichloropropane	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
2,2-Dichloropropane	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
,1-Dichloropropene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
sis-1,3-Dichloropropene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
rans-1,3-Dichloropropene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Ethylbenzene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
· Iexachlorobutadiene	ND		160	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
-Hexanone	ND		802	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
sopropylbenzene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
l-Isopropyltoluene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Methylene chloride	ND		802	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
-Methyl-2-pentanone (MiBK)	ND		802	ug/kg dry	50	06/17/22 18:00	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.
3140 NE Broadway Street

Portland, OR 97232

Project: Blue Heron Paper Mill

Project Number: **M0496.02**Project Manager: **Jacob Faust** 

Report ID: A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
DS-01-SOIL (A2F0586-08)				Matrix: Soil		Batch:	22F0631	
Methyl tert-butyl ether (MTBE)	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Naphthalene	ND		160	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
n-Propylbenzene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Styrene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Tetrachloroethene (PCE)	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Toluene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,2,3-Trichlorobenzene	ND		401	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,2,4-Trichlorobenzene	ND		401	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,1,1-Trichloroethane	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,1,2-Trichloroethane	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Trichloroethene (TCE)	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Trichlorofluoromethane	ND		160	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,2,3-Trichloropropane	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,2,4-Trimethylbenzene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
1,3,5-Trimethylbenzene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Vinyl chloride	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
m,p-Xylene	ND		80.2	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
o-Xylene	ND		40.1	ug/kg dry	50	06/17/22 18:00	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Reco	very: 98 %	Limits: 80-120 %	5 1	06/17/22 18:00	5035A/8260D	
Toluene-d8 (Surr)			101 %	80-120 %		06/17/22 18:00	5035A/8260D	
4-Bromofluorobenzene (Surr)			99 %	79-120 %	5 1	06/17/22 18:00	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street Portland, OR 97232 Project: Blue Heron Paper Mill

Project Number: M0496.02
Project Manager: Jacob Faust

Report ID: A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

		Polychlorina	ted Bipheny	ls by EPA 8082	2A			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DS-21-SOIL (A2F0586-03)				Matrix: Soil		Batch:	22F0645	C-07
Aroclor 1016	ND		11.7	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1221	ND		11.7	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1232	ND		11.7	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1242	ND		11.7	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1248	ND		11.7	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1254	ND		11.7	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1260	ND		11.7	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 78 %	Limits: 60-125 %	6 I	06/20/22 11:01	EPA 8082A	
DS-20-SOIL (A2F0586-04)		Matrix: Soil Bai		Batch:	22F0645	C-07		
Aroclor 1016	ND		11.1	ug/kg dry	1	06/20/22 08:39	EPA 8082A	
Aroclor 1221	ND		11.1	ug/kg dry	1	06/20/22 08:39	EPA 8082A	
Aroclor 1232	ND		11.1	ug/kg dry	1	06/20/22 08:39	EPA 8082A	
Aroclor 1242	ND		11.1	ug/kg dry	1	06/20/22 08:39	EPA 8082A	
Aroclor 1248	ND		11.1	ug/kg dry	1	06/20/22 08:39	EPA 8082A	
Aroclor 1254	14.3		11.1	ug/kg dry	1	06/20/22 08:39	EPA 8082A	P-12
Aroclor 1260	20.0		11.1	ug/kg dry	1	06/20/22 08:39	EPA 8082A	P-12
Surrogate: Decachlorobiphenyl (Surr)		Recov	ery: 102 %	Limits: 60-125 %	6 I	06/20/22 08:39	EPA 8082A	
DS-19-SOIL (A2F0586-05)				Matrix: Soil		Batch: 2	22F0645	C-07
Aroclor 1016	ND		11.3	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1221	ND		11.3	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1232	ND		11.3	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1242	ND		11.3	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1248	ND		11.3	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1254	ND		11.3	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1260	ND		11.3	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Recov	ery: 108 %	Limits: 60-125 %	6 I	06/20/22 09:14	EPA 8082A	
DS-03-SOIL (A2F0586-06RE1)		Matrix: Soil			Batch: 22F0645		C-07	
Aroclor 1016	ND		150	ug/kg dry	5	06/20/22 11:37	EPA 8082A	
Aroclor 1221	ND		150	ug/kg dry	5	06/20/22 11:37	EPA 8082A	
Aroclor 1232	ND		150	ug/kg dry	5	06/20/22 11:37	EPA 8082A	

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Philip Nerenberg, Lab Director

Philip Nevenberg

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street Portland, OR 97232 Project: Blue Heron Paper Mill

Project Number: M0496.02
Project Manager: Jacob Faust

Report ID: A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

		Polychlorina	ted Bipheny	yls by EPA 8082	2A			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DS-03-SOIL (A2F0586-06RE1)				Matrix: Soil		Batch: 2	22F0645	C-07
Aroclor 1242	ND		150	ug/kg dry	5	06/20/22 11:37	EPA 8082A	
Aroclor 1248	ND		150	ug/kg dry	5	06/20/22 11:37	EPA 8082A	
Aroclor 1254	4280		150	ug/kg dry	5	06/20/22 11:37	EPA 8082A	
Aroclor 1260	ND		150	ug/kg dry	5	06/20/22 11:37	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 90 %	Limits: 60-125 %	5	06/20/22 11:37	EPA 8082A	
DS-02-SOIL (A2F0586-07)				Matrix: Soil		Batch: 2	22F0645	C-07
Aroclor 1016	ND		12.5	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1221	ND		12.5	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1232	ND		12.5	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1242	ND		12.5	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1248	ND		12.5	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1254	501		12.5	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1260	ND		12.5	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 93 %	Limits: 60-125 %	1	06/20/22 10:25	EPA 8082A	
DS-01-SOIL (A2F0586-08)				Matrix: Soil		Batch: 2	22F0645	C-07
Aroclor 1016	ND		11.9	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1221	ND		11.9	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1232	ND		11.9	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1242	ND		11.9	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1248	ND		11.9	ug/kg dry	1	06/20/22 11:01	EPA 8082A	
Aroclor 1254	203		11.9	ug/kg dry	1	06/20/22 11:01	EPA 8082A	P-12
Aroclor 1260	119		11.9	ug/kg dry	1	06/20/22 11:01	EPA 8082A	P-12
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 91 %	Limits: 60-125 %	1	06/20/22 11:01	EPA 8082A	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street Portland, OR 97232 Project: Blue Heron Paper Mill

Project Number: M0496.02
Project Manager: Jacob Faust

Report ID: A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)										
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes		
DS-21-SOIL (A2F0586-03)				Matrix: Soi	I					
Batch: 22F0662										
Arsenic	1.29		1.20	mg/kg dry	10	06/20/22 13:13	EPA 6020B			
Barium	162		1.20	mg/kg dry	10	06/20/22 13:13	EPA 6020B			
Cadmium	0.725		0.240	mg/kg dry	10	06/20/22 13:13	EPA 6020B			
Chromium	14.1		1.20	mg/kg dry	10	06/20/22 13:13	EPA 6020B			
Lead	124		0.240	mg/kg dry	10	06/20/22 13:13	EPA 6020B			
Mercury	ND		0.0961	mg/kg dry	10	06/20/22 13:13	EPA 6020B			
Selenium	ND		1.20	mg/kg dry	10	06/20/22 13:13	EPA 6020B			
Silver	ND		0.240	mg/kg dry	10	06/20/22 13:13	EPA 6020B			
DS-20-SOIL (A2F0586-04)				Matrix: Soi	I					
Batch: 22F0662										
Arsenic	ND		1.28	mg/kg dry	10	06/20/22 13:18	EPA 6020B			
Barium	76.5		1.28	mg/kg dry	10	06/20/22 13:18	EPA 6020B			
Cadmium	0.340		0.256	mg/kg dry	10	06/20/22 13:18	EPA 6020B			
Chromium	8.04		1.28	mg/kg dry	10	06/20/22 13:18	EPA 6020B			
Lead	127		0.256	mg/kg dry	10	06/20/22 13:18	EPA 6020B			
Mercury	ND		0.102	mg/kg dry	10	06/20/22 13:18	EPA 6020B			
Selenium	ND		1.28	mg/kg dry	10	06/20/22 13:18	EPA 6020B			
Silver	ND		0.256	mg/kg dry	10	06/20/22 13:18	EPA 6020B			
DS-19-SOIL (A2F0586-05)				Matrix: Soi	I					
Batch: 22F0662										
Arsenic	ND		1.21	mg/kg dry	10	06/20/22 13:23	EPA 6020B			
Barium	73.6		1.21	mg/kg dry	10	06/20/22 13:23	EPA 6020B			
Cadmium	ND		0.243	mg/kg dry	10	06/20/22 13:23	EPA 6020B			
Chromium	11.2		1.21	mg/kg dry	10	06/20/22 13:23	EPA 6020B			
Lead	16.5		0.243	mg/kg dry	10	06/20/22 13:23	EPA 6020B			
Mercury	ND		0.0971	mg/kg dry	10	06/20/22 13:23	EPA 6020B			
Selenium	ND		1.21	mg/kg dry	10	06/20/22 13:23	EPA 6020B			
Silver	ND		0.243	mg/kg dry	10	06/20/22 13:23	EPA 6020B			
DS-03-SOIL (A2F0586-06)				Matrix: Soi	ı					

Batch: 22F0662

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Philip Nerenberg, Lab Director

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

		Total Meta	ls by EPA 60	20B (ICPMS)				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DS-03-SOIL (A2F0586-06)				Matrix: Soi	l			
Arsenic	ND		3.06	mg/kg dry	10	06/20/22 13:28	EPA 6020B	
Barium	146		3.06	mg/kg dry	10	06/20/22 13:28	EPA 6020B	
Cadmium	0.712		0.613	mg/kg dry	10	06/20/22 13:28	EPA 6020B	
Chromium	17.7		3.06	mg/kg dry	10	06/20/22 13:28	EPA 6020B	
Lead	33.6		0.613	mg/kg dry	10	06/20/22 13:28	EPA 6020B	
Mercury	ND		0.245	mg/kg dry	10	06/20/22 13:28	EPA 6020B	
Selenium	ND		3.06	mg/kg dry	10	06/20/22 13:28	EPA 6020B	
Silver	ND		0.613	mg/kg dry	10	06/20/22 13:28	EPA 6020B	
DS-02-SOIL (A2F0586-07RE1)				Matrix: Soi	ı			
Batch: 22F0662								
Arsenic	2.43		1.43	mg/kg dry	10	06/20/22 14:16	EPA 6020B	
Barium	76.4		1.43	mg/kg dry	10	06/20/22 14:16	EPA 6020B	
Cadmium	ND		0.286	mg/kg dry	10	06/20/22 14:16	EPA 6020B	
Chromium	12.4		1.43	mg/kg dry	10	06/20/22 14:16	EPA 6020B	
Lead	8.15		0.286	mg/kg dry	10	06/20/22 14:16	EPA 6020B	
Mercury	ND		0.115	mg/kg dry	10	06/20/22 14:16	EPA 6020B	
Selenium	ND		1.43	mg/kg dry	10	06/20/22 14:16	EPA 6020B	
Silver	ND		0.286	mg/kg dry	10	06/20/22 14:16	EPA 6020B	
DS-01-SOIL (A2F0586-08)				Matrix: Soi	1			
Batch: 22F0662								
Arsenic	ND		1.31	mg/kg dry	10	06/20/22 13:37	EPA 6020B	
Barium	55.8		1.31	mg/kg dry	10	06/20/22 13:37	EPA 6020B	
Cadmium	ND		0.262	mg/kg dry	10	06/20/22 13:37	EPA 6020B	
Chromium	8.94		1.31	mg/kg dry	10	06/20/22 13:37	EPA 6020B	
Lead	5.97		0.262	mg/kg dry	10	06/20/22 13:37	EPA 6020B	
Mercury	ND		0.105	mg/kg dry	10	06/20/22 13:37	EPA 6020B	
Selenium	ND		1.31	mg/kg dry	10	06/20/22 13:37	EPA 6020B	
Silver	ND		0.262	mg/kg dry	10	06/20/22 13:37	EPA 6020B	

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3140 NE Broadway Street

Portland, OR 97232

# ANALYTICAL REPORT

# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

Project Number: M0496.02
Project Manager: Jacob Faust

Project:

Report ID: A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

**Blue Heron Paper Mill** 

		TCLP Meta	als by EPA 60	20B (ICPMS	<u>s)</u>			
	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
DS-21-SOIL (A2F0586-03)				Matrix: So	oil			
Batch: 22F1054								
Lead	0.251		0.0500	mg/L	10	06/29/22 17:48	1311/6020B	TCLPa
DS-20-SOIL (A2F0586-04)				Matrix: So	oil			
Batch: 22F1054								
Lead	0.281		0.0500	mg/L	10	06/29/22 17:52	1311/6020B	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

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

Project: <u>Blue Heron Paper Mill</u>

Project Number: **M0496.02**Project Manager: **Jacob Faust** 

Report ID: A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

	Pe	ercent Dry W	eight				
Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
			Matrix: So	il	Batch:	22F0715	
84.6		1.00	%	1	06/21/22 09:29	EPA 8000D	
			Matrix: So	il	Batch:	22F0715	
82.9		1.00	%	1	06/21/22 09:29	EPA 8000D	
			Matrix: So	il	Batch:	22F0715	
82.7		1.00	%	1	06/21/22 09:29	EPA 8000D	
			Matrix: So	il	Batch:	22F0715	
32.6		1.00	%	1	06/21/22 09:29	EPA 8000D	
			Matrix: So	il	Batch:	22F0715	
74.6		1.00	%	1	06/21/22 09:29	EPA 8000D	
		-	Matrix: So	il	Batch:	22F0715	_
80.5		1.00	%	1	06/21/22 09:29	EPA 8000D	
	84.6 82.9 82.7 32.6	Sample Result         Detection Limit           84.6            82.9            82.7            32.6            74.6	Sample Result         Detection Limit         Reporting Limit           84.6          1.00           82.9          1.00           82.7          1.00           32.6          1.00           74.6          1.00	Result         Limit         Units           84.6          1.00         %           Matrix: So           82.9          1.00         %           Matrix: So           32.6          1.00         %           Matrix: So           74.6          1.00         %           Matrix: So           Matrix: So	Sample   Detection   Reporting   Units   Dilution	Sample Result         Detection Limit         Reporting Limit         Units         Dilution Analyzed           84.6          1.00         %         1         06/21/22 09:29           Matrix:         Soil         Batch:           82.9          1.00         %         1         06/21/22 09:29           Matrix:         Soil         Batch:           82.7          1.00         %         1         06/21/22 09:29           Matrix:         Soil         Batch:           32.6          1.00         %         1         06/21/22 09:29           Matrix:         Soil         Batch:           74.6          1.00         %         1         06/21/22 09:29           Matrix:         Soil         Batch:	Sample Result         Detection Limit         Reporting Limit         Units         Dilution         Date Analyzed         Method Ref.           Matrix: Soil         Batch: 22F0715           84.6          1.00         %         1         06/21/22 09:29         EPA 8000D           Matrix: Soil         Batch: 22F0715           82.9          1.00         %         1         06/21/22 09:29         EPA 8000D           Matrix: Soil         Batch: 22F0715           82.7          1.00         %         1         06/21/22 09:29         EPA 8000D           Matrix: Soil         Batch: 22F0715           74.6          1.00         %         1         06/21/22 09:29         EPA 8000D           Matrix: Soil         Batch: 22F0715           Matrix: Soil         Batch: 22F0715

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. 3140 NE Broadway Street

Portland, OR 97232

Project: Blue Heron Paper Mill

Project Number: **M0496.02**Project Manager: **Jacob Faust** 

Report ID: A2F0586 - 07 04 22 2317

# ANALYTICAL SAMPLE RESULTS

		TCLP E	extraction by	EPA 1311				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
DS-21-SOIL (A2F0586-03)				Matrix: So	oil	Batch:	22F0970	
TCLP Extraction	PREP			N/A	1	06/27/22 14:45	EPA 1311	
DS-20-SOIL (A2F0586-04)				Matrix: So	oil	Batch:	22F0970	
TCLP Extraction	PREP			N/A	1	06/27/22 14:45	EPA 1311	

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## Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source % REC Analyte Result Units Dilution RPD Limit Limit Amount Result Limits Limit Notes Batch 22F0631 - EPA 5035A Soil Blank (22F0631-BLK1) Prepared: 06/17/22 08:00 Analyzed: 06/17/22 10:49 5035A/8260D ND ug/kg wet 50 ICV-02 Acetone ND 66.7 50 Acrylonitrile ug/kg wet Benzene ND 6.67 ug/kg wet 50 Bromobenzene ND 16.7 ug/kg wet 50 Bromochloromethane ND 33.3 ug/kg wet 50 Bromodichloromethane ND 33.3 ug/kg wet 50 Bromoform ND ug/kg wet 50 66.7 Bromomethane ND 333 ug/kg wet 50 2-Butanone (MEK) ND 333 ug/kg wet 50 n-Butylbenzene ND 33.3 50 ug/kg wet sec-Butylbenzene ND 33.3 ug/kg wet 50 ND 33.3 tert-Butylbenzene 50 ug/kg wet ---Carbon disulfide ND 333 ug/kg wet 50 Carbon tetrachloride ND 50 33.3 ug/kg wet Chlorobenzene ND 16.7 ug/kg wet 50 Chloroethane ND 333 ug/kg wet 50 ---Chloroform ND 33.3 ug/kg wet 50 167 Chloromethane ND ug/kg wet 50 2-Chlorotoluene ND 33.3 ug/kg wet 50 4-Chlorotoluene ND 33.3 ug/kg wet 50 Dibromochloromethane ND 66.7 ug/kg wet 50 1,2-Dibromo-3-chloropropane ND 167 ug/kg wet 50 1,2-Dibromoethane (EDB) ND 33.3 ug/kg wet 50 ug/kg wet Dibromomethane ND 33.3 50 1,2-Dichlorobenzene ND 16.7 ug/kg wet 50 1,3-Dichlorobenzene ND 16.7 ug/kg wet 50 1,4-Dichlorobenzene ND 16.7 ug/kg wet 50 Dichlorodifluoromethane ND 66.7 ug/kg wet 50 ---ND 1,1-Dichloroethane 16.7 ug/kg wet 50 ug/kg wet 1,2-Dichloroethane (EDC) ND 16.7 50 1,1-Dichloroethene ND 50 16.7 ug/kg wet cis-1,2-Dichloroethene ND 16.7 ug/kg wet 50 16.7 trans-1,2-Dichloroethene ND ug/kg wet 50

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# **Apex Laboratories, LLC**

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 3140 NE Broadway Street
 Project Number: M0496.02
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 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS Volatile Organic Compounds by EPA 8260D

# Detection Reporting Spike Source % REC RPD

Analyte	Result	Detection Limit	Reporting Limit	Units Dil	ution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Note
Batch 22F0631 - EPA 5035A							Soi					
Blank (22F0631-BLK1)			Prepared	: 06/17/22 08:00	) Anal	yzed: 06/17/	/22 10:49					
1,2-Dichloropropane	ND		16.7	ug/kg wet	50							
1,3-Dichloropropane	ND		33.3	ug/kg wet	50							
2,2-Dichloropropane	ND		33.3	ug/kg wet	50							
,1-Dichloropropene	ND		33.3	ug/kg wet	50							
is-1,3-Dichloropropene	ND		33.3	ug/kg wet	50							
rans-1,3-Dichloropropene	ND		33.3	ug/kg wet	50							
thylbenzene	ND		16.7	ug/kg wet	50							
Iexachlorobutadiene	ND		66.7		50							
-Hexanone	ND		333		50							
sopropylbenzene	ND		33.3		50							
-Isopropyltoluene	ND		33.3	ug/kg wet	50							
Methylene chloride	ND		333	ug/kg wet	50							
-Methyl-2-pentanone (MiBK)	ND		333		50							
Methyl tert-butyl ether (MTBE)	ND		33.3		50							
Iaphthalene	ND		66.7	0 0	50							
-Propylbenzene	ND		16.7		50							
tyrene	ND		33.3		50							
,1,1,2-Tetrachloroethane	ND		16.7		50							
,1,2,2-Tetrachloroethane	ND		33.3		50							
etrachloroethene (PCE)	ND		16.7		50							
oluene	ND		33.3		50							
,2,3-Trichlorobenzene	ND		167		50							
,2,4-Trichlorobenzene	ND		167		50							
,1,1-Trichloroethane	ND		16.7	2 2	50							
,1,2-Trichloroethane	ND		16.7	8 8	50							
richloroethene (TCE)	ND		16.7	8 8	50							
richlorofluoromethane	ND		66.7		50							
2,3-Trichloropropane	ND		33.3		50							
2,4-Trimethylbenzene	ND		33.3	8 8	50							
3,5-Trimethylbenzene	ND		33.3	2 2	50							
inyl chloride	ND		16.7		50							
ı,p-Xylene	ND		33.3	8 8	50							
-Xylene	ND		16.7		50							

Surr: 1,4-Difluorobenzene (Surr) Recovery: 99 % Limits: 80-120 % Dilution: 1x

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Cor	npounds	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0631 - EPA 5035A							Soi	I				
Blank (22F0631-BLK1)			Prepared	1: 06/17/22 0	08:00 Ana	lyzed: 06/17	//22 10:49					
Surr: Toluene-d8 (Surr)		Reco	very: 102 %	Limits: 80-	-120 %	Dili	ution: 1x					
4-Bromofluorobenzene (Surr)			98 %	79-	120 %		"					
LCS (22F0631-BS1)			Prepared	d: 06/17/22 0	08:00 Ana	lyzed: 06/17	//22 09:47					
5035A/8260D												
Acetone	1640		1000	ug/kg we	et 50	2000		82	80-120%			ICV-0
Acrylonitrile	976		100	ug/kg we	et 50	1000		98	80-120%			
Benzene	992		10.0	ug/kg we	et 50	1000		99	80-120%			
Bromobenzene	995		25.0	ug/kg we	et 50	1000		100	80-120%			
Bromochloromethane	1020		50.0	ug/kg we	et 50	1000		102	80-120%			
Bromodichloromethane	1110		50.0	ug/kg we	et 50	1000		111	80-120%			
Bromoform	887		100	ug/kg we	et 50	1000		89	80-120%			
Bromomethane	1170		500	ug/kg we	et 50	1000		117	80-120%			
2-Butanone (MEK)	1790		500	ug/kg we	et 50	2000		90	80-120%			
n-Butylbenzene	1070		50.0	ug/kg we	et 50	1000		107	80-120%			
sec-Butylbenzene	1030		50.0	ug/kg we	et 50	1000		103	80-120%			
tert-Butylbenzene	971		50.0	ug/kg we	et 50	1000		97	80-120%			
Carbon disulfide	825		500	ug/kg we	et 50	1000		82	80-120%			
Carbon tetrachloride	1100		50.0	ug/kg we	et 50	1000		110	80-120%			
Chlorobenzene	954		25.0	ug/kg we	et 50	1000		95	80-120%			
Chloroethane	1270		500	ug/kg we	et 50	1000		127	80-120%			Q-5
Chloroform	1000		50.0	ug/kg we	et 50	1000		100	80-120%			
Chloromethane	920		250	ug/kg we	et 50	1000		92	80-120%			
2-Chlorotoluene	1030		50.0	ug/kg we	et 50	1000		103	80-120%			
4-Chlorotoluene	1030		50.0	ug/kg we	et 50	1000		103	80-120%			
Dibromochloromethane	932		100	ug/kg we	et 50	1000		93	80-120%			
1,2-Dibromo-3-chloropropane	833		250	ug/kg we	et 50	1000		83	80-120%			
1,2-Dibromoethane (EDB)	1060		50.0	ug/kg we	et 50	1000		106	80-120%			
Dibromomethane	1020		50.0	ug/kg we	et 50	1000		102	80-120%			
1,2-Dichlorobenzene	1000		25.0	ug/kg we		1000		100	80-120%			
1,3-Dichlorobenzene	1000		25.0	ug/kg we	et 50	1000		100	80-120%			
1,4-Dichlorobenzene	952		25.0	ug/kg we	et 50	1000		95	80-120%			
Dichlorodifluoromethane	992		100	ug/kg we	et 50	1000		99	80-120%			
1,1-Dichloroethane	990		25.0	ug/kg we		1000		99	80-120%			

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

#### Detection Reporting Spike Source % REC **RPD** Dilution % REC Limits RPD Analyte Result Ĺimit Units Amount Result Limit Notes Limit

rinaryte	Result	Limit	Dimit	Cints B	mution	Minount	resurt	70 REC	Limits	МЪ	Limit	110103
Batch 22F0631 - EPA 5035A							So	il				
LCS (22F0631-BS1)			Prepared	: 06/17/22 08:	00 Anal	yzed: 06/17/2	22 09:47					
1,2-Dichloroethane (EDC)	1010		25.0	ug/kg wet	50	1000		101	80-120%			
1,1-Dichloroethene	1030		25.0	ug/kg wet	50	1000		103	80-120%			
cis-1,2-Dichloroethene	1010		25.0	ug/kg wet	50	1000		101	80-120%			
trans-1,2-Dichloroethene	976		25.0	ug/kg wet	50	1000		98	80-120%			
1,2-Dichloropropane	1010		25.0	ug/kg wet	50	1000		101	80-120%			
1,3-Dichloropropane	1030		50.0	ug/kg wet	50	1000		103	80-120%			
2,2-Dichloropropane	1080		50.0	ug/kg wet	50	1000		108	80-120%			
1,1-Dichloropropene	1010		50.0	ug/kg wet	50	1000		101	80-120%			
cis-1,3-Dichloropropene	1150		50.0	ug/kg wet	50	1000		115	80-120%			
trans-1,3-Dichloropropene	995		50.0	ug/kg wet	50	1000		100	80-120%			
Ethylbenzene	990		25.0	ug/kg wet	50	1000		99	80-120%			
Hexachlorobutadiene	976		100	ug/kg wet	50	1000		98	80-120%			
2-Hexanone	1640		500	ug/kg wet	50	2000		82	80-120%			
sopropylbenzene	1010		50.0	ug/kg wet	50	1000		101	80-120%			
1-Isopropyltoluene	1050		50.0	ug/kg wet	50	1000		105	80-120%			
Methylene chloride	938		500	ug/kg wet	50	1000		94	80-120%			
1-Methyl-2-pentanone (MiBK)	2100		500	ug/kg wet	50	2000		105	80-120%			
Methyl tert-butyl ether (MTBE)	987		50.0	ug/kg wet	50	1000		99	80-120%			
Naphthalene	1060		100	ug/kg wet	50	1000		106	80-120%			
n-Propylbenzene	1040		25.0	ug/kg wet	50	1000		104	80-120%			
Styrene	1040		50.0	ug/kg wet	50	1000		104	80-120%			
1,1,1,2-Tetrachloroethane	946		25.0	ug/kg wet	50	1000		95	80-120%			
1,1,2,2-Tetrachloroethane	968		50.0	ug/kg wet	50	1000		97	80-120%			
Tetrachloroethene (PCE)	949		25.0	ug/kg wet	50	1000		95	80-120%			
Toluene	958		50.0	ug/kg wet	50	1000		96	80-120%			
1,2,3-Trichlorobenzene	999		250	ug/kg wet	50	1000		100	80-120%			
1,2,4-Trichlorobenzene	1010		250	ug/kg wet	50	1000		101	80-120%			
1,1,1-Trichloroethane	1010		25.0	ug/kg wet	50	1000		101	80-120%			
1,1,2-Trichloroethane	1050		25.0	ug/kg wet	50	1000		105	80-120%			
Trichloroethene (TCE)	1020		25.0	ug/kg wet	50	1000		102	80-120%			
Trichlorofluoromethane	1180		100	ug/kg wet	50	1000		118	80-120%			
1,2,3-Trichloropropane	1040		50.0	ug/kg wet	50	1000		104	80-120%			
1,2,4-Trimethylbenzene	1040		50.0	ug/kg wet	50	1000		104	80-120%			
1,3,5-Trimethylbenzene	1040		50.0	ug/kg wet	50	1000		104	80-120%			

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

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 3140 NE Broadway Street
 Project Number:
 M0496.02
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 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Cor	npounds	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0631 - EPA 5035A							So	il				
LCS (22F0631-BS1)			Prepared	1: 06/17/22 0	8:00 Ana	lyzed: 06/17	/22 09:47					
Vinyl chloride	1150		25.0	ug/kg we	t 50	1000		115	80-120%			
n,p-Xylene	1980		50.0	ug/kg we	t 50	2000		99	80-120%			
o-Xylene	988		25.0	ug/kg we	t 50	1000		99	80-120%			
Surr: 1,4-Difluorobenzene (Surr)		Reco	very: 100 %	Limits: 80-	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			101 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			97 %	79-	120 %		"					
Duplicate (22F0631-DUP1)			Prepared	l: 06/16/22 0	7:45 Ana	lyzed: 06/17	/22 13:03					
OC Source Sample: SED-COMP-I	BASE 1 (A2	2F0586-01)										
5035A/8260D												
Acetone	ND		8410	ug/kg dr	y 50		ND				30%	ICV
Acrylonitrile	ND		841	ug/kg dr	y 50		ND				30%	
Benzene	ND		84.1	ug/kg dr	y 50		ND				30%	
Bromobenzene	ND		210	ug/kg dr	y 50		ND				30%	
Bromochloromethane	ND		421	ug/kg dr	y 50		ND				30%	
Bromodichloromethane	ND		421	ug/kg dr	y 50		ND				30%	
Bromoform	ND		841	ug/kg dr	y 50		ND				30%	
Bromomethane	ND		4210	ug/kg dr	y 50		ND				30%	
2-Butanone (MEK)	ND		4210	ug/kg dr	y 50		ND				30%	
n-Butylbenzene	ND		421	ug/kg dr	y 50		ND				30%	
sec-Butylbenzene	ND		421	ug/kg dr	y 50		ND				30%	
ert-Butylbenzene	ND		421	ug/kg dr	y 50		ND				30%	
Carbon disulfide	ND		4210	ug/kg dr	y 50		ND				30%	
Carbon tetrachloride	ND		421	ug/kg dr	y 50		ND				30%	
Chlorobenzene	ND		210	ug/kg dr	y 50		ND				30%	
Chloroethane	ND		4210	ug/kg dr	y 50		ND				30%	
Chloroform	ND		421	ug/kg dr	y 50		ND				30%	
Chloromethane	ND		2100	ug/kg dr	y 50		ND				30%	
2-Chlorotoluene	ND		421	ug/kg dr	y 50		ND				30%	
4-Chlorotoluene	ND		421	ug/kg dr			ND				30%	
Dibromochloromethane	ND		841	ug/kg dr			ND				30%	
1,2-Dibromo-3-chloropropane	ND		2100	ug/kg dr			ND				30%	
1,2-Dibromoethane (EDB)	ND		421	ug/kg dr			ND				30%	
Dibromomethane	ND		421	ug/kg dr			ND				30%	

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## Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: M0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Units Dilution % REC RPD Limit Limit Amount Result Limits Limit Notes Batch 22F0631 - EPA 5035A Soil Duplicate (22F0631-DUP1) Prepared: 06/16/22 07:45 Analyzed: 06/17/22 13:03 QC Source Sample: SED-COMP-BASE 1 (A2F0586-01) 1,2-Dichlorobenzene ND 210 50 ND 30% ug/kg dry ND 210 1,3-Dichlorobenzene ug/kg dry 50 ND 30% 1,4-Dichlorobenzene ND 210 ug/kg dry 50 ND 30% Dichlorodifluoromethane ND 841 ug/kg dry 50 ND 30% 1,1-Dichloroethane ND 210 50 ND 30% ug/kg dry ------1,2-Dichloroethane (EDC) ND 210 ug/kg dry 50 ND 30% 1,1-Dichloroethene ND 210 50 ND 30% ug/kg dry 210 30% cis-1,2-Dichloroethene ND ug/kg dry 50 ND trans-1,2-Dichloroethene ND 210 ug/kg dry 50 ND 30% 1,2-Dichloropropane ND 210 ug/kg dry 50 ND 30% 1,3-Dichloropropane ND 42.1 ug/kg dry 50 ND 30% ND 421 30% 2,2-Dichloropropane ug/kg dry 50 ND 1,1-Dichloropropene ND 421 ug/kg dry 50 ND 30% ND 421 30% cis-1,3-Dichloropropene ug/kg dry 50 ND 421 trans-1,3-Dichloropropene ND ug/kg dry 50 ND 30% Ethylbenzene ND 210 ug/kg dry 50 ND \_\_\_ 30% Hexachlorobutadiene ND 841 ug/kg dry 50 ND 30% 2-Hexanone ND 4210 30% 50 ND ug/kg dry Isopropylbenzene ND 421 ug/kg dry 50 ND 30% ND 421 50 ND 30% 4-Isopropyltoluene ug/kg dry 4210 Methylene chloride ND ug/kg dry 50 ND 30% 4-Methyl-2-pentanone (MiBK) ND ---4210 ug/kg dry 50 ND ---30% Methyl tert-butyl ether (MTBE) ND 421 ug/kg dry 50 ND 30% Naphthalene 841 30% ND ug/kg dry 50 ND ND 210 30% n-Propylbenzene ug/kg dry 50 ND ND 421 ND 30% Styrene ug/kg dry 50 1,1,1,2-Tetrachloroethane ND 210 ND 30% ug/kg dry 50 1,1,2,2-Tetrachloroethane ND 421 ug/kg dry 50 ND 30% Tetrachloroethene (PCE) ND 210 ug/kg dry 50 ND 30% Toluene ND 421 30% ug/kg dry 50 ND ---1,2,3-Trichlorobenzene ND 2100 ug/kg dry 50 ND 30% 2100 1,2,4-Trichlorobenzene ND 50 ND 30% ug/kg dry --ug/kg dry 1,1,1-Trichloroethane ND 210 50 ND 30%

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Cor	npounas	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0631 - EPA 5035A							So	il				
Duplicate (22F0631-DUP1)			Prepared	1: 06/16/22 0	7:45 Anal	lyzed: 06/17	/22 13:03					
QC Source Sample: SED-COMP-	BASE 1 (A2	:F0586-01)										
1,1,2-Trichloroethane	ND		210	ug/kg dry	y 50		ND				30%	
Trichloroethene (TCE)	ND		210	ug/kg dry	y 50		ND				30%	
Trichlorofluoromethane	ND		841	ug/kg dry	y 50		ND				30%	
1,2,3-Trichloropropane	ND		421	ug/kg dry	y 50		ND				30%	
1,2,4-Trimethylbenzene	ND		421	ug/kg dry	y 50		ND				30%	
1,3,5-Trimethylbenzene	ND		421	ug/kg dry	y 50		ND				30%	
Vinyl chloride	ND		210	ug/kg dry	y 50		ND				30%	
m,p-Xylene	ND		421	ug/kg dry	y 50		ND				30%	
o-Xylene	ND		210	ug/kg dry	y 50		ND				30%	
Surr: 1,4-Difluorobenzene (Surr)		Rece	overy: 98 %	Limits: 80-	120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			101 %		120 %		"					
4-Bromofluorobenzene (Surr)			98 %	79-	120 %		"					
QC Source Sample: DS-01-SOIL	(A2F0586-08	<u></u>										
5035A/8260D												
Acetone	2290		1600	ug/kg dry	y 50							
Acrylonitrile			1000	ug/kg ur	y 30	3200	ND	72	36-164%			ICV
	1620		160	ug/kg dry		3200 1600	ND ND	72 101	36-164% 65-134%			ICV
Benzene	1620 1720				y 50							ICV
Benzene Bromobenzene			160	ug/kg dry	y 50 y 50	1600	ND	101	65-134%			ICV
	1720		160 16.0	ug/kg dry ug/kg dry	y 50 y 50 y 50	1600 1600	ND ND	101 108	65-134% 77-121%			ICV
Bromobenzene	1720 1680		160 16.0 40.1	ug/kg dry ug/kg dry ug/kg dry	50 y 50 y 50 y 50 y 50	1600 1600 1600	ND ND ND	101 108 105	65-134% 77-121% 78-121%		 	ICV
Bromobenzene Bromochloromethane	1720 1680 1700	 	160 16.0 40.1 80.2	ug/kg dry ug/kg dry ug/kg dry ug/kg dry	y 50 y 50 y 50 y 50 y 50	1600 1600 1600 1600	ND ND ND ND	101 108 105 106	65-134% 77-121% 78-121% 78-125%	  	  	ICV
Bromobenzene Bromochloromethane Bromodichloromethane	1720 1680 1700 1790	  	160 16.0 40.1 80.2 80.2	ug/kg dry ug/kg dry ug/kg dry ug/kg dry ug/kg dry	50 50 50 50 50 50 50 50 50 50	1600 1600 1600 1600	ND ND ND ND	101 108 105 106 112	65-134% 77-121% 78-121% 78-125% 75-127%	  	  	ICV
Bromobenzene Bromochloromethane Bromodichloromethane Bromoform	1720 1680 1700 1790 1380	  	160 16.0 40.1 80.2 80.2	ug/kg dry ug/kg dry ug/kg dry ug/kg dry ug/kg dry ug/kg dry	7 50 7 50 7 50 7 50 7 50 7 50 7 50 7 50	1600 1600 1600 1600 1600	ND ND ND ND ND	101 108 105 106 112 86	65-134% 77-121% 78-121% 78-125% 75-127% 67-132%		   	ICV
Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone (MEK)	1720 1680 1700 1790 1380 2040	   	160 16.0 40.1 80.2 80.2 160 802	ug/kg dry ug/kg dry ug/kg dry ug/kg dry ug/kg dry ug/kg dry	7 50 7 50 7 50 7 50 7 50 7 50 7 50 7 50	1600 1600 1600 1600 1600 1600	ND ND ND ND ND ND ND ND	101 108 105 106 112 86 127	65-134% 77-121% 78-121% 78-125% 75-127% 67-132% 53-143%	   	   	ICV
Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone (MEK) n-Butylbenzene	1720 1680 1700 1790 1380 2040 2690	   	160 16.0 40.1 80.2 80.2 160 802 802	ug/kg dry	y 50 y 50 y 50 y 50 y 50 y 50 y 50 y 50	1600 1600 1600 1600 1600 1600 1600 3200	ND	101 108 105 106 112 86 127 84	65-134% 77-121% 78-121% 78-125% 75-127% 67-132% 53-143% 51-148%	   	    	ICV
Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone (MEK) n-Butylbenzene sec-Butylbenzene	1720 1680 1700 1790 1380 2040 2690 1870	    	160 16.0 40.1 80.2 80.2 160 802 802 802	ug/kg dry	y 50 y 50 y 50 y 50 y 50 y 50 y 50 y 50	1600 1600 1600 1600 1600 1600 1600 3200 1600	ND	101 108 105 106 112 86 127 84 117	65-134% 77-121% 78-121% 78-125% 75-127% 67-132% 53-143% 51-148% 70-128%	    	     	ICV
Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone (MEK) n-Butylbenzene sec-Butylbenzene tert-Butylbenzene	1720 1680 1700 1790 1380 2040 2690 1870 1830	    	160 16.0 40.1 80.2 80.2 160 802 802 80.2 80.2	ug/kg dry	7 50 7 50 7 50 7 50 7 50 7 50 7 50 7 50	1600 1600 1600 1600 1600 1600 1600 3200 1600	ND N	101 108 105 106 112 86 127 84 117	65-134% 77-121% 78-121% 78-125% 75-127% 67-132% 53-143% 51-148% 70-128% 73-126%	    	     	ICV
Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane	1720 1680 1700 1790 1380 2040 2690 1870 1830 1720	     	160 16.0 40.1 80.2 80.2 160 802 802 80.2 80.2 80.2	ug/kg dry	7 50 7 50 7 50 7 50 7 50 7 50 7 50 7 50	1600 1600 1600 1600 1600 1600 3200 1600 1600	ND N	101 108 105 106 112 86 127 84 117 114 107	65-134% 77-121% 78-121% 78-125% 75-127% 67-132% 53-143% 51-148% 70-128% 73-126% 73-125%	     	     	ICV
Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone (MEK) n-Butylbenzene sec-Butylbenzene tert-Butylbenzene Carbon disulfide	1720 1680 1700 1790 1380 2040 2690 1870 1830 1720 1380	     	160 16.0 40.1 80.2 80.2 160 802 802 80.2 80.2 80.2	ug/kg dry	7 50 7 50	1600 1600 1600 1600 1600 1600 3200 1600 1600 1600	ND N	101 108 105 106 112 86 127 84 117 114 107	65-134% 77-121% 78-121% 78-125% 75-127% 67-132% 53-143% 51-148% 70-128% 73-126% 63-132%	      	      	ICV
Bromobenzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane 2-Butanone (MEK) n-Butylbenzene sec-Butylbenzene tert-Butylbenzene Carbon disulfide Carbon tetrachloride	1720 1680 1700 1790 1380 2040 2690 1870 1830 1720 1380 1850	     	160 16.0 40.1 80.2 80.2 160 802 802 80.2 80.2 80.2 80.2	ug/kg dry	7 50 7 50	1600 1600 1600 1600 1600 1600 1600 1600	ND N	101 108 105 106 112 86 127 84 117 114 107 86 116	65-134% 77-121% 78-121% 78-125% 67-132% 67-132% 53-143% 70-128% 73-126% 63-132% 70-135%	      	      	ICV Q

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## Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 07 04 22 2317

## QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Limit Units Dilution % REC RPD Limit Amount Result Limits Limit Notes Batch 22F0631 - EPA 5035A Soil Matrix Spike (22F0631-MS1) Prepared: 06/16/22 12:45 Analyzed: 06/17/22 18:27 QC Source Sample: DS-01-SOIL (A2F0586-08) Chloromethane 1670 401 ug/kg dry 50 1600 ND 104 50-136% 80.2 1600 2-Chlorotoluene 1770 ug/kg dry 50 ND 110 75-122% 4-Chlorotoluene 1760 80.2 ug/kg dry 50 1600 ND 110 72-124% Dibromochloromethane 1500 160 ug/kg dry 50 1600 ND 94 74-126% 1,2-Dibromo-3-chloropropane 1310 401 ug/kg dry 50 1600 ND 82 61-132% 80.2 1600 ND 1,2-Dibromoethane (EDB) 1770 ug/kg dry 50 111 78-122% ug/kg dry Dibromomethane 1670 80.2 50 1600 ND 104 78-125% 40.1 1600 ND 105 1,2-Dichlorobenzene 1680 ug/kg dry 50 78-121% 1,3-Dichlorobenzene 1700 40.1 ug/kg dry 50 1600 ND 106 77-121% 1,4-Dichlorobenzene 1600 40.1 ug/kg dry 50 1600 ND 100 75-120% Dichlorodifluoromethane 1800 160 ug/kg dry 50 1600 ND 112 29-149% 1,1-Dichloroethane 40.1 50 1600 ND 76-125% 1700 ug/kg dry 106 1600 1,2-Dichloroethane (EDC) 1700 40.1 ug/kg dry 50 ND 106 73-128% 1600 1,1-Dichloroethene 40.1 ND 1810 ug/kg dry 50 113 70-131% 40.1 cis-1,2-Dichloroethene 1710 ug/kg dry 50 1600 ND 107 77-123% trans-1,2-Dichloroethene 1690 40.1 ug/kg dry 50 1600 ND 106 74-125% \_\_\_ 1,2-Dichloropropane 1700 40.1 ug/kg dry 50 1600 ND 106 76-123% 1750 80.2 1600 ND 109 77-121% 1,3-Dichloropropane 50 ug/kg dry 1600 ND 67-133% 2,2-Dichloropropane 1580 80.2 ug/kg dry 50 99 80.2 1600 1,1-Dichloropropene 50 ND 112 76-125% 1800 ug/kg dry 80.2 1600 ND 74-126% cis-1,3-Dichloropropene 1850 ug/kg dry 50 115 trans-1,3-Dichloropropene 1590 ---80.2 ug/kg dry 50 1600 ND 99 71-130% Ethylbenzene 1740 40.1 ug/kg dry 50 1600 ND 109 76-122% 160 1600 ND 108 Hexachlorobutadiene 1720 ug/kg dry 50 61-135% 802 3200 53-145% 2-Hexanone 2690 ug/kg dry 50 ND 84 80.2 1600 1760 ND 110 68-134% Isopropylbenzene ug/kg dry 50 1830 80.2 1600 ND 73-127% 4-Isopropyltoluene ug/kg dry 50 114 1600 Methylene chloride 1550 802 ug/kg dry 50 ND 97 70-128% 4-Methyl-2-pentanone (MiBK) 3500 802 ug/kg dry 50 3200 ND 109 65-135% Methyl tert-butyl ether (MTBE) 1590 80.2 1600 ND 99 73-125% ug/kg dry 50 Naphthalene 1720 160 ug/kg dry 50 1600 ND 107 62-129% 40.1 1600 ND n-Propylbenzene 1850 50 115 73-125% ug/kg dry ------Styrene 1780 80.2 ug/kg dry 50 1600 ND 111 76-124%

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## Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway Street Project Number: M0496.02 Report ID:
Portland, OR 97232 Project Manager: Jacob Faust A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D Detection % REC RPD Reporting Spike Source Analyte Result Limit Units Dilution Result % REC RPD Limit Amount Limits Limit Notes Batch 22F0631 - EPA 5035A Soil Matrix Spike (22F0631-MS1) Prepared: 06/16/22 12:45 Analyzed: 06/17/22 18:27 QC Source Sample: DS-01-SOIL (A2F0586-08) 1,1,1,2-Tetrachloroethane 1580 40.1 ug/kg dry 50 1600 ND 99 78-125% 80.2 1600 1,1,2,2-Tetrachloroethane 1640 ug/kg dry 50 ND 102 70-124% 1600 Tetrachloroethene (PCE) 1700 40.1 ug/kg dry 50 ND 106 73-128% Toluene 1680 80.2 ug/kg dry 50 1600 ND 105 77-121% 1,2,3-Trichlorobenzene 1670 401 ug/kg dry 50 1600 ND 104 66-130% 1,2,4-Trichlorobenzene 401 1600 105 1680 ug/kg dry 50 ND 67-129% 1,1,1-Trichloroethane 1750 40.1 ug/kg dry 50 1600 ND 109 73-130% 1,1,2-Trichloroethane 40.1 1600 ND 109 1750 ug/kg dry 50 78-121% Trichloroethene (TCE) 1780 40.1 ug/kg dry 50 1600 ND 111 77-123% O-01 Trichlorofluoromethane 2290 160 ug/kg dry 50 1600 ND 143 62-140% 1,2,3-Trichloropropane 1760 80.2 ug/kg dry 50 1600 ND 110 73-125% 80.2 50 1,2,4-Trimethylbenzene 1600 ND 75-123% 1780 ug/kg dry 111 1600 1,3,5-Trimethylbenzene 1810 80.2 ug/kg dry 50 ND 113 73-124% 1600 Vinyl chloride 2110 40.1 ND 132 ug/kg dry 50 56-135% 80.2 m,p-Xylene 3490 ug/kg dry 50 3200 ND 109 77-124% o-Xylene 1710 ---40.1 ug/kg dry 50 1600 ND 107 77-123% ---Surr: 1,4-Difluorobenzene (Surr) 99 % Recovery: Limits: 80-120 % Dilution: 1x Toluene-d8 (Surr) 101 % 80-120 % 4-Bromofluorobenzene (Surr) 97% 79-120 %

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Polychlo	rinated Bi	ohenyls	by EPA 8	082A					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0645 - EPA 3546							So	il				
Blank (22F0645-BLK1)			Prepared	d: 06/17/22 0	9:33 Ana	lyzed: 06/20	0/22 08:39					C-07
EPA 8082A												
Aroclor 1016	ND		9.09	ug/kg we	t 1							
Aroclor 1221	ND		9.09	ug/kg we	t 1							
Aroclor 1232	ND		9.09	ug/kg we	t 1							
Aroclor 1242	ND		9.09	ug/kg we	t 1							
Aroclor 1248	ND		9.09	ug/kg we	t 1							
Aroclor 1254	ND		9.09	ug/kg we	t 1							
Aroclor 1260	ND		9.09	ug/kg we	t 1							
Surr: Decachlorobiphenyl (Surr)		Reco	overy: 87%	Limits: 60-	125 %	Dii	lution: 1x					
LCS (22F0645-BS1)			Prepared	d: 06/17/22 0	9:33 Ana	lyzed: 06/20	0/22 08:57					C-07
EPA 8082A												
Aroclor 1016	196		10.0	ug/kg we	t 1	250		78	47-134%			
Aroclor 1260	213		10.0	ug/kg we	t 1	250		85	53-140%			
Surr: Decachlorobiphenyl (Surr)		Reco	overy: 86 %	Limits: 60-	125 %	Dii	lution: 1x					
Duplicate (22F0645-DUP1)			Prepared	d: 06/17/22 0	9:33 Ana	lyzed: 06/20	0/22 09:50					C-07, Q-04
QC Source Sample: SED-COMP-	BASE 1 (A2	2F0586-01)										
EPA 8082A												
Aroclor 1016	ND		29.3	ug/kg dr	/ 1		ND				30%	
Aroclor 1221	ND		29.3	ug/kg dr	/ 1		ND				30%	
Aroclor 1232	ND		29.3	ug/kg dr	/ 1		ND				30%	
Aroclor 1242	ND		29.3	ug/kg dr	/ 1		ND				30%	
Aroclor 1248	ND		29.3	ug/kg dr	/ 1		ND				30%	
Aroclor 1254	434		29.3	ug/kg dr	/ 1		56.4			154	30%	Q-1
Aroclor 1260	ND		29.3	ug/kg dr	/ 1		ND				30%	
Surr: Decachlorobiphenyl (Surr)		Reco	overy: 42 %	Limits: 60-	125 %	Dii	lution: 1x					S-03
Matrix Spike (22F0645-MS1)			Prepared	d: 06/17/22 0	9:33 Ana	lyzed: 06/20	0/22 11:37					C-07
OC Source Sample: DS-01-SOIL	(A2F0586-0	<u>8)</u>										
EPA 8082A												
Aroclor 1016	249		11.9	ug/kg dr	7 1	299	ND	84	47-134%			
			11.9									

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway Street Project Number: M0496.02 Report ID:
Portland, OR 97232 Project Manager: Jacob Faust A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Polychlorinated Biphenyls by EPA 8082A Detection Reporting Spike Source % REC **RPD** % REC Analyte Result Ĺimit Units Dilution Amount Result Limits RPD Limit Limit Notes Batch 22F0645 - EPA 3546 Soil Matrix Spike (22F0645-MS1) Prepared: 06/17/22 09:33 Analyzed: 06/20/22 11:37 C-07 QC Source Sample: DS-01-SOIL (A2F0586-08) Dilution: 1x Surr: Decachlorobiphenyl (Surr) Recovery: 91% Limits: 60-125 %

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0662 - EPA 3051A							Soi	il				
Blank (22F0662-BLK1)			Prepared	: 06/17/22 1	1:29 Anal	yzed: 06/20	/22 12:00					
EPA 6020B												
Arsenic	ND		0.962	mg/kg we	et 10							
Barium	ND		0.962	mg/kg we	et 10							
Cadmium	ND		0.192	mg/kg we	et 10							
Chromium	ND		0.962	mg/kg we	et 10							
Lead	ND		0.192	mg/kg we	et 10							
Mercury	ND		0.0769	mg/kg we	et 10							
Selenium	ND		0.962	mg/kg we	et 10							
Silver	ND		0.192	mg/kg we	et 10							
LCS (22F0662-BS1)			Prepared	: 06/17/22 1	1:29 Anal	yzed: 06/20	/22 12:10					
EPA 6020B												
Arsenic	46.8		1.00	mg/kg we	et 10	50.0		94	80-120%			
Barium	47.3		1.00	mg/kg we	et 10	50.0		95	80-120%			
Cadmium	48.0		0.200	mg/kg we	et 10	50.0		96	80-120%			
Chromium	46.1		1.00	mg/kg we	et 10	50.0		92	80-120%			
Lead	49.4		0.200	mg/kg we	et 10	50.0		99	80-120%			
Mercury	0.979		0.0800	mg/kg we	et 10	1.00		98	80-120%			
Selenium	23.7		1.00	mg/kg we	et 10	25.0		95	80-120%			
Silver	25.2		0.200	mg/kg we	et 10	25.0		101	80-120%			
Duplicate (22F0662-DUP1)			Prepared	: 06/17/22 1	1:29 Anal	yzed: 06/20	/22 12:20					
QC Source Sample: Non-SDG (A2	E0465-02)											
Arsenic	1.48		1.28	mg/kg dr	y 10		1.96			28	20%	Q-(
Barium	41.6		1.28	mg/kg dr			52.5			23	20%	Q-(
Cadmium	ND		0.256	mg/kg dr			ND				20%	
Chromium	7.35		1.28	mg/kg dr	y 10		11.1			41	20%	Q-(
Lead	8.16		0.256	mg/kg dr			8.91			9	20%	
Mercury	ND		0.102	mg/kg dr			ND				20%	
Selenium	ND		1.28	mg/kg dr	-		ND				20%	
Silver	ND		0.256	mg/kg dr			ND				20%	

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# Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway Street Project Number: M0496.02 Report ID:
Portland, OR 97232 Project Manager: Jacob Faust A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Total Metals by EPA 6020B (ICPMS) Detection Reporting Spike Source % REC **RPD** Analyte Result Limit Units Dilution Result % REC Limits RPD Limit Amount Limit Notes Batch 22F0662 - EPA 3051A Soil Matrix Spike (22F0662-MS1) Prepared: 06/17/22 11:29 Analyzed: 06/20/22 12:24 QC Source Sample: Non-SDG (A2E0465-02) EPA 6020B 1.96 93 59.6 1.24 mg/kg dry 10 61.9 75-125% Arsenic Barium 107 1.24 mg/kg dry 10 61.9 52.5 88 75-125% Cadmium 59.5 0.247 61.9 75-125% mg/kg dry 10 ND 96 Chromium 67.7 1.24 mg/kg dry 10 61.9 11.1 92 75-125% Lead 70.6 0.247 61.9 75-125% mg/kg dry 10 8.91 100 1.26 0.0990mg/kg dry 10 1.24 ND 102 75-125% Mercury 28.8 30.9 Selenium 1.24 10 ND 93 75-125% mg/kg dry ---Silver 32.3 ---0.247 mg/kg dry 10 30.9 ND 104 75-125%

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# Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### TCLP Metals by EPA 6020B (ICPMS) Detection Reporting Spike Source % REC **RPD** Limits RPD Analyte Result Ĺimit Units Dilution Amount Result % REC Limit Limit Notes Batch 22F1054 - EPA 1311/3015A Soil Blank (22F1054-BLK1) Prepared: 06/29/22 10:22 Analyzed: 06/29/22 17:33 1311/6020B Lead ND 0.0500 TCLP mg/L LCS (22F1054-BS1) Prepared: 06/29/22 10:22 Analyzed: 06/29/22 17:38 1311/6020B TCLP Lead 5.14 0.0500 mg/L 10 5.00 103 80-120% Matrix Spike (22F1054-MS1) Prepared: 06/29/22 10:22 Analyzed: 06/29/22 18:02 QC Source Sample: Non-SDG (A2F0846-01) 1311/6020B Lead 5.07 0.0500 mg/L 10 5.00 ND 101 50-150%

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 07 04 22 2317

# QUALITY CONTROL (QC) SAMPLE RESULTS

				Percen	t Dry Wei	ght						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0715 - Total Solids (	Dry Weigl	ht)					Soil	I				
Duplicate (22F0715-DUP1)			Prepared	: 06/20/22	14:21 Ana	yzed: 06/21	/22 09:29					PRO
QC Source Sample: Non-SDG (A2	2F0431-02)											
% Solids	96.7		1.00	%	1		96.7			0.04	10%	
Duplicate (22F0715-DUP2)			Prepared	: 06/20/22	14:21 Ana	yzed: 06/21	/22 09:29					PRO
QC Source Sample: Non-SDG (A2	2F0431-04)											
% Solids	97.0		1.00	%	1		97.0			0.05	10%	
Duplicate (22F0715-DUP3)			Prepared	: 06/20/22	14:21 Ana	yzed: 06/21	/22 09:29					PRO
QC Source Sample: Non-SDG (A2	2F0431-06)											
% Solids	97.0		1.00	%	1		97.1			0.06	10%	
Duplicate (22F0715-DUP4)			Prepared	: 06/20/22	14:21 Ana	yzed: 06/21	/22 09:29					
QC Source Sample: Non-SDG (A2	2F0566-01)											
% Solids	83.2		1.00	%	1		82.8			0.4	10%	
Duplicate (22F0715-DUP5)			Prepared	: 06/20/22	19:12 Ana	yzed: 06/21	/22 09:29					
QC Source Sample: Non-SDG (A2	2F0667-01)											
% Solids	80.7		1.00	%	1		78.1			3	10%	
Duplicate (22F0715-DUP6)			Prepared	: 06/20/22	19:12 Ana	yzed: 06/21	/22 09:29					
QC Source Sample: Non-SDG (AZ	2F0667-02)											
% Solids	79.4		1.00	%	1		78.4			1	10%	

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

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 07 04 22 2317

## SAMPLE PREPARATION INFORMATION

		Volatile	Organic Compounds	by EPA 8260D			
Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F0631							
A2F0586-03	Soil	5035A/8260D	06/16/22 11:40	06/16/22 11:40	1.89g/5mL	5g/5mL	2.65
A2F0586-04	Soil	5035A/8260D	06/16/22 12:00	06/16/22 12:00	3.95g/5mL	5g/5mL	1.27
A2F0586-05	Soil	5035A/8260D	06/16/22 12:15	06/16/22 12:15	2.51g/5mL	5g/5mL	1.99
A2F0586-06	Soil	5035A/8260D	06/16/22 12:30	06/16/22 12:30	4.3g/5mL	5g/5mL	1.16
A2F0586-07	Soil	5035A/8260D	06/16/22 12:35	06/16/22 12:35	4.57g/5mL	5g/5mL	1.09
A2F0586-08	Soil	5035A/8260D	06/16/22 12:45	06/16/22 12:45	4.56g/5mL	5g/5mL	1.10

Polychlorinated Biphenyls by EPA 8082A							
Prep: EPA 3546					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F0645							
A2F0586-03	Soil	EPA 8082A	06/16/22 11:40	06/17/22 09:33	10.14g/5mL	10g/5mL	0.99
A2F0586-04	Soil	EPA 8082A	06/16/22 12:00	06/17/22 09:33	10.9g/5mL	10g/5mL	0.92
A2F0586-05	Soil	EPA 8082A	06/16/22 12:15	06/17/22 09:33	10.67g/5mL	10g/5mL	0.94
A2F0586-06RE1	Soil	EPA 8082A	06/16/22 12:30	06/17/22 09:33	10.18g/5mL	10g/5mL	0.98
A2F0586-07	Soil	EPA 8082A	06/16/22 12:35	06/17/22 09:33	10.69g/5mL	10g/5mL	0.94
A2F0586-08	Soil	EPA 8082A	06/16/22 12:45	06/17/22 09:33	10.47g/5mL	10g/5mL	0.96

Total Metals by EPA 6020B (ICPMS)							
Prep: EPA 3051A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F0662							
A2F0586-03	Soil	EPA 6020B	06/16/22 11:40	06/17/22 11:29	0.492g/50mL	0.5g/50mL	1.02
A2F0586-04	Soil	EPA 6020B	06/16/22 12:00	06/17/22 11:29	0.471g/50mL	0.5g/50mL	1.06
A2F0586-05	Soil	EPA 6020B	06/16/22 12:15	06/17/22 11:29	0.498g/50mL	0.5g/50mL	1.00
A2F0586-06	Soil	EPA 6020B	06/16/22 12:30	06/17/22 11:29	0.5g/50mL	0.5g/50mL	1.00
A2F0586-07RE1	Soil	EPA 6020B	06/16/22 12:35	06/17/22 11:29	0.468g/50mL	0.5g/50mL	1.07
A2F0586-08	Soil	EPA 6020B	06/16/22 12:45	06/17/22 11:29	0.474 g/50 mL	0.5g/50mL	1.05

TCLP Metals by EPA 6020B (ICPMS)							
Prep: EPA 1311/30	)15A				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F1054							

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Philip Nerenberg, Lab Director

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 07 04 22 2317

# SAMPLE PREPARATION INFORMATION

TCLP Metals by EPA 6020B (ICPMS)							
Prep: EPA 1311/301	<u>15A</u>				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
A2F0586-03	Soil	1311/6020B	06/16/22 11:40	06/29/22 10:22	10mL/50mL	10mL/50mL	1.00
A2F0586-04	Soil	1311/6020B	06/16/22 12:00	06/29/22 10:22	10 mL / 50 mL	10 mL/50 mL	1.00

Percent Dry Weight							
Prep: Total Solids (E	Ory Weight)				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F0715							
A2F0586-03	Soil	EPA 8000D	06/16/22 11:40	06/20/22 14:21			NA
A2F0586-04	Soil	EPA 8000D	06/16/22 12:00	06/20/22 14:21			NA
A2F0586-05	Soil	EPA 8000D	06/16/22 12:15	06/20/22 14:21			NA
A2F0586-06	Soil	EPA 8000D	06/16/22 12:30	06/20/22 14:21			NA
A2F0586-07	Soil	EPA 8000D	06/16/22 12:35	06/20/22 14:21			NA
A2F0586-08	Soil	EPA 8000D	06/16/22 12:45	06/20/22 14:21			NA

			TCLP Extraction by E	PA 1311			
Prep: EPA 1311 (TCLP)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F0970							
A2F0586-03	Soil	EPA 1311	06/16/22 11:40	06/27/22 14:45	84.8g/1704.3g	100g/2000g	NA
A2F0586-04	Soil	EPA 1311	06/16/22 12:00	06/27/22 14:45	100g/1993.1g	100g/2000g	NA

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

consistency in leaching, the standard ratio of sample to leachate fluid was maintained.

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# **QUALIFIER DEFINITIONS**

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

## **Apex Laboratories**

**TCLPa** 

CA LUDOTUC	<u> </u>
C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
ICV-02	Estimated Result. Initial Calibration Verification (ICV) failed low.
P-12	Result estimated due to the presence of multiple PCB Aroclors and/or PCB congeners not defined as Aroclors.
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-17	RPD between original and duplicate sample is outside of established control limits.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the $\pm$ -20% criteria listed in EPA method 8260/8270 by $\pm$ 7%. The results are reported as Estimated Values.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260
S-03	Sample re-extract, or the analysis of an associated Batch QC sample, confirms surrogate failure due to sample matrix effect.
TCLP	This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 22F0970.

Limited sample volume. Leachate was prepared using less than the recommended amount of sample per EPA 1311 or 1312. To maintain

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## Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

#### REPORTING NOTES AND CONVENTIONS:

#### **Abbreviations:**

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

## **Detection Limits:** Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('----'), then the data has not been evaluated below the Reporting Limit.

#### Reporting Limits: Limit of Quantitation (LOQ)

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

#### **Reporting Conventions:**

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

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

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

See Percent Solids section for details of dry weight analysis.

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

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

## **QC Source:**

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

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) 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).

#### Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).

- -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.

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Philip Nerenberg, Lab Director

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## Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

# **REPORTING NOTES AND CONVENTIONS (Cont.):**

#### Blanks (Cont.):

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

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

#### **Preparation Notes:**

#### Mixed Matrix Samples:

#### Water Samples:

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

#### Soil and Sediment Samples:

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

## **Sampling and Preservation Notes:**

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

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

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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# Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

#### 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 <u>exception</u> 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 provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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# **Apex Laboratories, LLC**

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

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 07 04 22 2317

Company: MCA	Æ	Project Mgr. 7 19 15.0	7	1	27	ţ			roject	Project Name: B.L.C.E. Lycoco.	A	3	1	1 3	1	7	-	Project # 1049(2)	(7) 2)		
3140 NE	Banan W 34	37.		1 1	Phon	(3)	3.32	9,0	Sic	Emz	ii	7	346	36	4 7	Phone: \$3.320, 6510 Email: 1 Lyust C. May 1 Costo.		PO#			
Sampled by: 3. CANST / C.	Clouby	, ¥										i de la		ANA	Lysi	ANALYSIS REQUEST					100
Site Location:											38				<u> </u>	CITE P' o'					
OR WA CA			SAS			********					ia uus					Fe, P J. VI, I J. Z.n T.					
AK ID		· · · · · · · · · · · · · · · · · · ·	TAINE		×G	XO.							səpiə	_		Cu, fn, Mo Tl, V				э	9vii
SAMPLEID	DATE	TIME	# OF CON	-H4TWN	-H4TWN	-H4TWN	8760 BTE	8260 RBD	8560 Halo	WIS 0718	8270 Semi	8087 PCB	8081 Pesti	RCRA Ma	Priority M	J, Sb, As, Sa, Cr, Co Ig, Mg, N e, Ag, Na, OTAL	TCLP Me	Walland of Advances		(dma2 blo	DYA BSX07
SEN-10MP-BASE 1	C114/12 7:45	٠,	+				T	$\vdash$	<del> ~</del>	1	1	×		×		L S H				н	A .
SOIL-COMP-TANK	0/11/22 1120		S	-				-	1	1×		×		×			<u> </u>				
DS-21-501L	6/1423 1140	140 S	7					-		×		$\times$		×	-		1				
7105-07-50	1 22/91/9	1260 5	7							×		×		×							
DS-19-501L	6/14/22 1215	215 S	.5						×			×		×	<del> </del>						
DS-03-501C	41422 1250	50 5	I						$\times$			X		X							1
D2-05-8011	6/16/41235	235 5	7						Х			X		X							
DS-01-5016	5 KZ1 12/91/9	S 5k	1						×			×		X							
								-	-	-		$\perp$		+	-						
Standard Tu	Standard Turn Around Time (TAT) = 10 Business Days	(TAT) = 1	0 Busine	ss Days	_			-	-	ES I	- KI	SPECIAL INSTRUCTIONS:	MEG	NOI	┨						
	1 Day	2 Day	'ay	le.	3 Day																
TAT Requested (circle)	5 Day	Standard	lard	) •	Other:			I													
	SAMPLES ARE HELD FOR 30 DAYS	FOR 30 DA	, XS																		
RELINQUISHED BY: Signature:	Date: 6/16/2.7		RECEIVED BY: Signature:	W #	,	- 9	Date: 6/16/11	11		R.E. Signi	LINQT abure:	RELINQUISHED BY: Signature:	0 BY:		ă	Date:	84 :55	RECEIVED BY: Signature:	Date:		
Printed Name: CHILLS CLOUGH	Time:	E C	Printed Name:	Zaz.			1308	80		昰	Printed Name	me:			<u> </u>	Тіте:	<u> </u>	Printed Name:	Time:		
Company:		Com	Company:							8	Сотралу:						0	Сопрану:			

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Philip Merenberg



# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 07 04 22 2317

	APEX LABS COOLER RECEIPT FORM
Client: MFA	Element WO#: A2FO586
Project/Project #:	UE HERON MILL MOY96.02
Delivery Info:	
Date/time received: 6-16-	22 @ 1308 By: D\$
Delivered by: ApexC	lient <u></u> ESS FedEx UPS Swift Senvoy SDS Other
Cooler Inspection Da	te/time inspected: 6-16-22 @ 1309 By: D55
Chain of Custody included	
Signed/dated by client?	Yes No
Signed/dated by Apex?	
	Cooler #1 Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6 Cooler #
Temperature (°C)	5.8
Received on ice? (Y/N)	<u>Y</u>
Temp. blanks? (Y/N)	Y
Ice type: (Gel/Real/Other)	Ral
Condition:	61000)
	te/time inspected: 6/16/22 @ 15:44   By: 2KAM   By: 0   Comments:
Bottle labels/COCs agree?	Yes × No Comments:
COC/container discrepance	ies form initiated? Yes No
Containers/volumes receiv	red appropriate for analysis? Yes No Comments:
Do VOA vials have visible	e headspace? Yes No NA >
	od: YesNoNA pH appropriate? YesNoNA
Comments.	
Additional information:	
Labeled by:	Witness: Cooler Inspected by:
Labeled by:	Witness: Cooler Inspected by:

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# Attachment 7

**Basement Sediment Analytical** 





#### Apex Laboratories, LLC

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

Tuesday, July 12, 2022 Jacob Faust Maul Foster & Alongi, INC. 3140 NE Broadway Street Portland, OR 97232

RE: A2G0142 - Blue Heron Paper Mill - 0496.02

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 A2G0142, which was received by the laboratory on 7/7/2022 at 11:00:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: <a href="mailto:pnerenberg@apex-labs.com">pnerenberg@apex-labs.com</a>, 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

(See Cooler Receipt Form for details)

Cooler #1 3.6 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

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Philip Nerenberg, Lab Director

Philip Nevenberg

Page 1 of 29



# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# ANALYTICAL REPORT FOR SAMPLES

	SAMPLE INFO	RMATION		
Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SED-Comp-BASE 2	A2G0142-01	Sediment	07/07/22 10:15	07/07/22 11:00

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Philip Nevenberg

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
SED-Comp-BASE 2 (A2G0142-01)				Matrix: Sec	liment	Batch:	22G0146	
Acetone	ND		2950	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Acrylonitrile	ND		295	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Benzene	ND		29.5	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Bromobenzene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Bromochloromethane	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Bromodichloromethane	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Bromoform	ND		295	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Bromomethane	ND		1470	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
2-Butanone (MEK)	ND		1470	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
n-Butylbenzene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
ec-Butylbenzene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
ert-Butylbenzene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Carbon disulfide	ND		1470	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Carbon tetrachloride	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Chlorobenzene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Chloroethane	ND		1470	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Chloroform	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Chloromethane	ND		737	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
2-Chlorotoluene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
l-Chlorotoluene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Dibromochloromethane	ND		295	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,2-Dibromo-3-chloropropane	ND		737	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,2-Dibromoethane (EDB)	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Dibromomethane	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,2-Dichlorobenzene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,3-Dichlorobenzene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,4-Dichlorobenzene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Dichlorodifluoromethane	ND		295	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,1-Dichloroethane	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,2-Dichloroethane (EDC)	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,1-Dichloroethene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
is-1,2-Dichloroethene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
ans-1,2-Dichloroethene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
SED-Comp-BASE 2 (A2G0142-01)				Matrix: Sed	liment	Batch:	22G0146	
1,2-Dichloropropane	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
1,3-Dichloropropane	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
2,2-Dichloropropane	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
1,1-Dichloropropene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
cis-1,3-Dichloropropene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
trans-1,3-Dichloropropene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Ethylbenzene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Hexachlorobutadiene	ND		295	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
2-Hexanone	ND		1470	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Isopropylbenzene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
4-Isopropyltoluene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Methylene chloride	ND		1470	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND		1470	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Naphthalene	ND		295	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
n-Propylbenzene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Styrene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Tetrachloroethene (PCE)	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Toluene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
1,2,3-Trichlorobenzene	ND		737	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
1,2,4-Trichlorobenzene	ND		737	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
1,1,1-Trichloroethane	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
1,1,2-Trichloroethane	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Trichloroethene (TCE)	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Frichlorofluoromethane	ND		1470	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,2,3-Trichloropropane	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,2,4-Trimethylbenzene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
,3,5-Trimethylbenzene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
Vinyl chloride	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
n,p-Xylene	ND		147	ug/kg dry	50	07/07/22 16:58	5035A/8260D	
-Xylene	ND		73.7	ug/kg dry	50	07/07/22 16:58	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# ANALYTICAL SAMPLE RESULTS

	V	olatile Organ	ic Compou	nds by l	EPA 826	0D			
Analyte	Sample Result	Detection Limit	Reporting Limit	Uı	nits	Dilution	Date Analyzed	Method Ref.	Notes
SED-Comp-BASE 2 (A2G0142-01)				Matı	rix: Sedi	ment	Batch:	22G0146	
Surrogate: 1,4-Difluorobenzene (Surr)		Recove	ery: 101 %	Limits:	80-120 %	1	07/07/22 16:58	5035A/8260D	
Toluene-d8 (Surr)			100 %		80-120 %	1	07/07/22 16:58	5035A/8260D	
4-Bromofluorobenzene (Surr)			99 %		79-120 %	1	07/07/22 16:58	5035A/8260D	

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 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# ANALYTICAL SAMPLE RESULTS

	·	Polychlorina	ted Bipheny	ls by EPA 8082	2A			·
	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
SED-Comp-BASE 2 (A2G0142-01)		•		Matrix: Sedi	iment	Batch:	22G0248	C-07
Aroclor 1016	ND		16.6	ug/kg dry	1	07/12/22 12:28	EPA 8082A	
Aroclor 1221	ND		16.6	ug/kg dry	1	07/12/22 12:28	EPA 8082A	
Aroclor 1232	ND		16.6	ug/kg dry	1	07/12/22 12:28	EPA 8082A	
Aroclor 1242	ND		16.6	ug/kg dry	1	07/12/22 12:28	EPA 8082A	
Aroclor 1248	ND		16.6	ug/kg dry	1	07/12/22 12:28	EPA 8082A	
Aroclor 1254	22.1		16.6	ug/kg dry	1	07/12/22 12:28	EPA 8082A	
Aroclor 1260	ND		16.6	ug/kg dry	1	07/12/22 12:28	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 78 %	Limits: 60-125 %	6 I	07/12/22 12:28	EPA 8082A	

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Philip Nerenberg, Lab Director

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

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Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# ANALYTICAL SAMPLE RESULTS

	·	Total Meta	ls by EPA 60	20B (ICPMS)				·
	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
SED-Comp-BASE 2 (A2G0142-01)				Matrix: Sec	diment			
Batch: 22G0211								
Arsenic	7.81		0.842	mg/kg dry	5	07/09/22 23:01	EPA 6020B	
Barium	105		0.842	mg/kg dry	5	07/09/22 23:01	EPA 6020B	
Cadmium	0.184		0.168	mg/kg dry	5	07/09/22 23:01	EPA 6020B	
Chromium	35.8		0.842	mg/kg dry	5	07/09/22 23:01	EPA 6020B	
Lead	9.96		0.168	mg/kg dry	5	07/09/22 23:01	EPA 6020B	
Mercury	ND		0.0673	mg/kg dry	5	07/09/22 23:01	EPA 6020B	
Selenium	ND		0.842	mg/kg dry	5	07/09/22 23:01	EPA 6020B	
Silver	0.295		0.168	mg/kg dry	5	07/09/22 23:01	EPA 6020B	

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Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# ANALYTICAL SAMPLE RESULTS

		Pe	ercent Dry W	eight				
	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
SED-Comp-BASE 2 (A2G0142-01)				Matrix: Se	ediment	Batch:	22G0220	
% Solids	58.6		1.00	%	1	07/09/22 13:55	EPA 8000D	

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Philip Marenberg

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Units Dilution % REC RPD Limit Limit Amount Result Limits Limit Notes Batch 22G0146 - EPA 5035A Soil Blank (22G0146-BLK1) Prepared: 07/07/22 08:00 Analyzed: 07/07/22 10:40 5035A/8260D ND 667 ug/kg wet 50 Acetone ND 66.7 50 Acrylonitrile ug/kg wet Benzene ND 6.67 ug/kg wet 50 Bromobenzene ND 16.7 ug/kg wet 50 Bromochloromethane ND 33.3 ug/kg wet 50 33.3 Bromodichloromethane ND ug/kg wet 50 Bromoform ND ug/kg wet 50 66.7 Bromomethane ND 333 ug/kg wet 50 2-Butanone (MEK) ND 333 ug/kg wet 50 n-Butylbenzene ND 33.3 50 ug/kg wet sec-Butylbenzene ND 33.3 ug/kg wet 50 ND 33.3 tert-Butylbenzene 50 ug/kg wet ---Carbon disulfide ND 333 ug/kg wet 50 Carbon tetrachloride ND 50 33.3 ug/kg wet Chlorobenzene ND 16.7 ug/kg wet 50 Chloroethane ND 333 ug/kg wet 50 ---Chloroform ND 33.3 ug/kg wet 50 167 Chloromethane ND ug/kg wet 50 2-Chlorotoluene ND 33.3 ug/kg wet 50 4-Chlorotoluene ND 33.3 ug/kg wet 50 Dibromochloromethane ND 66.7 ug/kg wet 50 1,2-Dibromo-3-chloropropane ND 167 ug/kg wet 50 1,2-Dibromoethane (EDB) ND 33.3 ug/kg wet 50 ug/kg wet Dibromomethane ND 33.3 50 1,2-Dichlorobenzene ND 16.7 ug/kg wet 50 1,3-Dichlorobenzene ND 16.7 ug/kg wet 50 1,4-Dichlorobenzene ND 16.7 ug/kg wet 50 Dichlorodifluoromethane ND 66.7 ug/kg wet 50 ---1,1-Dichloroethane ND 16.7 ug/kg wet 50 ug/kg wet 1,2-Dichloroethane (EDC) ND 16.7 50 1,1-Dichloroethene ND 50 16.7 ug/kg wet cis-1,2-Dichloroethene ND 16.7 ug/kg wet 50 16.7 trans-1,2-Dichloroethene ND ug/kg wet 50

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Philip Merenberg

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Philip Nerenberg, Lab Director

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#### Apex Laboratories, LLC

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Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Units Dilution % REC RPD Limit Limit Amount Result Limits Limit Notes Batch 22G0146 - EPA 5035A Soil Blank (22G0146-BLK1) Prepared: 07/07/22 08:00 Analyzed: 07/07/22 10:40 ND 16.7 50 1,2-Dichloropropane ug/kg wet ND 33.3 ug/kg wet 50 1,3-Dichloropropane ---2,2-Dichloropropane ND 33.3 ug/kg wet 50 1,1-Dichloropropene ND 33.3 ug/kg wet 50 ND 33.3 cis-1,3-Dichloropropene ug/kg wet 50 trans-1,3-Dichloropropene ND 33.3 ug/kg wet 50 Ethylbenzene ND 16.7 ug/kg wet 50 Hexachlorobutadiene ND 66.7 ug/kg wet 50 2-Hexanone ND 333 ug/kg wet 50 Isopropylbenzene ND 33.3 ug/kg wet 50 ND 33.3 50 4-Isopropyltoluene ug/kg wet 333 Methylene chloride ND ug/kg wet 50 ND 4-Methyl-2-pentanone (MiBK) 333 ug/kg wet 50 ---Methyl tert-butyl ether (MTBE) ND 33.3 ug/kg wet 50 Naphthalene ND 66.7 ug/kg wet 50 n-Propylbenzene ND 16.7 ug/kg wet 50 33.3 Styrene ND ug/kg wet 50 1,1,1,2-Tetrachloroethane ND 16.7 ug/kg wet 50 ND 1.1.2.2-Tetrachloroethane 33.3 --ug/kg wet 50 ---------Tetrachloroethene (PCE) ND 16.7 ug/kg wet 50 Toluene ND 33.3 ug/kg wet 50 1,2,3-Trichlorobenzene ND 167 ug/kg wet 50 1,2,4-Trichlorobenzene ND 167 50 ug/kg wet 1,1,1-Trichloroethane ND 16.7 ug/kg wet 50 16.7 ND 1,1,2-Trichloroethane 50 ug/kg wet ------Trichloroethene (TCE) ND 16.7 ug/kg wet 50 Trichlorofluoromethane ND 333 ug/kg wet 50 1,2,3-Trichloropropane ND 33.3 ug/kg wet 50 1,2,4-Trimethylbenzene ND 33.3 50 ug/kg wet ---1,3,5-Trimethylbenzene ND 33.3 ug/kg wet 50 Vinyl chloride ND 16.7 ug/kg wet 50 m,p-Xylene ND 33.3 ug/kg wet 50 o-Xylene ND 16.7 ug/kg wet 50

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Surr: 1,4-Difluorobenzene (Surr)

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Dilution: 1x

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Limits: 80-120 %

Recovery: 101 %



# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

		V	olatile Or	ganic Con	pounds	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22G0146 - EPA 5035A							So	il				
Blank (22G0146-BLK1)			Prepared	1: 07/07/22 0	8:00 Anal	lyzed: 07/07	/22 10:40					
Surr: Toluene-d8 (Surr)		Recove	ry: 100 %	Limits: 80-	120 %	Dili	ution: 1x					
4-Bromofluorobenzene (Surr)			103 %	79	120 %		"					
LCS (22G0146-BS1)			Prepared	1: 07/07/22 0	8:00 Anal	lyzed: 07/07	/22 09:46					
5035A/8260D												
Acetone	1830		1000	ug/kg wet	50	2000		91	80-120%			
Acrylonitrile	975		100	ug/kg wet	50	1000		98	80-120%			
Benzene	982		10.0	ug/kg wet	50	1000		98	80-120%			
Bromobenzene	1050		25.0	ug/kg wet	50	1000		105	80-120%			
Bromochloromethane	958		50.0	ug/kg wet	50	1000		96	80-120%			
Bromodichloromethane	1160		50.0	ug/kg wet	50	1000		116	80-120%			
Bromoform	957		100	ug/kg wet	50	1000		96	80-120%			
Bromomethane	960		500	ug/kg wet	50	1000		96	80-120%			
2-Butanone (MEK)	1930		500	ug/kg wet	50	2000		97	80-120%			
n-Butylbenzene	1070		50.0	ug/kg wet	50	1000		107	80-120%			
sec-Butylbenzene	1080		50.0	ug/kg wet	50	1000		108	80-120%			
tert-Butylbenzene	1020		50.0	ug/kg wet	50	1000		102	80-120%			
Carbon disulfide	925		500	ug/kg wet	50	1000		92	80-120%			
Carbon tetrachloride	1180		50.0	ug/kg wet	50	1000		118	80-120%			
Chlorobenzene	981		25.0	ug/kg wet	50	1000		98	80-120%			
Chloroethane	824		500	ug/kg wet	50	1000		82	80-120%			
Chloroform	1020		50.0	ug/kg wet	50	1000		102	80-120%			
Chloromethane	659		250	ug/kg wet	50	1000		66	80-120%			Ç
2-Chlorotoluene	1050		50.0	ug/kg wet	50	1000		105	80-120%			
4-Chlorotoluene	1050		50.0	ug/kg wet	50	1000		105	80-120%			
Dibromochloromethane	968		100	ug/kg wet	50	1000		97	80-120%			
1,2-Dibromo-3-chloropropane	961		250	ug/kg wet	50	1000		96	80-120%			
1,2-Dibromoethane (EDB)	1100		50.0	ug/kg wet	50	1000		110	80-120%			
Dibromomethane	1030		50.0	ug/kg wet	50	1000		103	80-120%			
1,2-Dichlorobenzene	1040		25.0	ug/kg wet	50	1000		104	80-120%			
1,3-Dichlorobenzene	1030		25.0	ug/kg wet	50	1000		103	80-120%			
1,4-Dichlorobenzene	962		25.0	ug/kg wet	50	1000		96	80-120%			
Dichlorodifluoromethane	618		100	ug/kg wet	50	1000		62	80-120%			Ç
1,1-Dichloroethane	989		25.0	ug/kg wet	50	1000		99	80-120%			

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2G0142 - 07 12 22 1520

#### QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D Detection % REC RPD Reporting Spike Source Analyte Result Limit Units Dilution % REC RPD Limit Amount Result Limits Limit Notes Batch 22G0146 - EPA 5035A Soil LCS (22G0146-BS1) Prepared: 07/07/22 08:00 Analyzed: 07/07/22 09:46 1,2-Dichloroethane (EDC) 982 25.0 50 1000 98 ug/kg wet 80-120% 1,1-Dichloroethene 1000 25.0 ug/kg wet 50 1000 100 80-120% --------cis-1,2-Dichloroethene 972 25.0 ug/kg wet 50 1000 97 80-120% trans-1,2-Dichloroethene 950 25.0 ug/kg wet 50 1000 95 80-120% 972 1000 97 25.0 50 80-120% 1,2-Dichloropropane ug/kg wet 1,3-Dichloropropane 1040 50.0 ug/kg wet 50 1000 104 80-120% 50 80-120% 2,2-Dichloropropane 1120 50.0 ug/kg wet 1000 112 1000 1,1-Dichloropropene 1030 50.0 ug/kg wet 50 103 80-120% 50.0 1000 cis-1,3-Dichloropropene 1010 ug/kg wet 50 101 80-120% trans-1,3-Dichloropropene 1000 50.0 ug/kg wet 50 1000 100 80-120% Ethylbenzene 1000 1020 25.0 50 102 80-120% ug/kg wet 100 Hexachlorobutadiene 1100 ug/kg wet 50 1000 110 80-120% 1850 500 2000 93 2-Hexanone --ug/kg wet 50 ---80-120% ---Isopropylbenzene 1100 50.0 ug/kg wet 50 1000 110 80-120% 1080 50.0 50 1000 108 80-120% 4-Isopropyltoluene ug/kg wet ---Methylene chloride 1030 500 ug/kg wet 50 1000 103 80-120% 2190 500 2000 109 4-Methyl-2-pentanone (MiBK) ug/kg wet 50 80-120% Methyl tert-butyl ether (MTBE) 963 50.0 50 1000 96 80-120% ug/kg wet Naphthalene 1010 100 1000 101 --ug/kg wet 50 ---80-120% --n-Propylbenzene 1060 25.0 ug/kg wet 50 1000 106 80-120% 1020 50.0 1000 102 80-120% Styrene ug/kg wet 50 ---1,1,1,2-Tetrachloroethane 1010 25.0 ug/kg wet 50 1000 101 80-120% 1,1,2,2-Tetrachloroethane 1070 50.0 ug/kg wet 50 1000 107 80-120% Tetrachloroethene (PCE) 1040 25.0 ug/kg wet 50 1000 104 80-120% Toluene 955 50.0 1000 ug/kg wet 50 96 80-120% ---------1,2,3-Trichlorobenzene 1050 250 ug/kg wet 50 1000 105 80-120% 1,2,4-Trichlorobenzene 1080 250 50 1000 108 80-120% ug/kg wet ------1,1,1-Trichloroethane 1090 25.0 ug/kg wet 50 1000 109 80-120% 1.1.2-Trichloroethane 1070 25.0 50 1000 107 80-120% ug/kg wet ---Trichloroethene (TCE) 1050 25.0 ug/kg wet 50 1000 105 80-120% Trichlorofluoromethane 500 50 1000 90 80-120% 896 ug/kg wet ---1,2,3-Trichloropropane 1070 50.0 ug/kg wet 50 1000 107 80-120% 1,2,4-Trimethylbenzene 1060 50.0 ug/kg wet 50 1000 106 80-120% 1,3,5-Trimethylbenzene 1080 50.0 ug/kg wet 50 1000 108 80-120%

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Con	npounds	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22G0146 - EPA 5035A							Soi	il				
LCS (22G0146-BS1)			Prepared	1: 07/07/22 0	8:00 Anal	yzed: 07/07	/22 09:46					
/inyl chloride	814		25.0	ug/kg we	t 50	1000		81	80-120%			
n,p-Xylene	2090		50.0	ug/kg we	t 50	2000		105	80-120%			
-Xylene	1040		25.0	ug/kg we	t 50	1000		104	80-120%			
urr: 1,4-Difluorobenzene (Surr)		Reco	very: 102 %	Limits: 80-	120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			100 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			101 %	79-	120 %		"					
Ouplicate (22G0146-DUP1)			Prepared	1: 07/06/22 1	9:25 Anal	lyzed: 07/07	/22 13:49					V-1
OC Source Sample: Non-SDG (A2	G0110-01)											
Acetone	ND		941	ug/kg dry	50		ND				30%	
Acrylonitrile	ND		94.1	ug/kg dry	50		ND				30%	
Benzene	ND		9.41	ug/kg dry	50		ND				30%	
Bromobenzene	ND		23.5	ug/kg dry			ND				30%	
Bromochloromethane	ND		47.0	ug/kg dry	50		ND				30%	
Bromodichloromethane	ND		47.0	ug/kg dry	7 50		ND				30%	
Bromoform	ND		94.1	ug/kg dry	50		ND				30%	
Bromomethane	ND		470	ug/kg dry	7 50		ND				30%	
-Butanone (MEK)	ND		470	ug/kg dry			ND				30%	
-Butylbenzene	ND		47.0	ug/kg dry			ND				30%	
ec-Butylbenzene	ND		47.0	ug/kg dry			ND				30%	
ert-Butylbenzene	ND		47.0	ug/kg dry			ND				30%	
Carbon disulfide	ND		470	ug/kg dry	7 50		ND				30%	
Carbon tetrachloride	ND		47.0	ug/kg dry			ND				30%	
Chlorobenzene	ND		23.5	ug/kg dry	7 50		ND				30%	
Chloroethane	ND		470	ug/kg dry			ND				30%	
Chloroform	ND		47.0	ug/kg dry			ND				30%	
Chloromethane	ND		235	ug/kg dry			ND				30%	
-Chlorotoluene	ND		47.0	ug/kg dry			ND				30%	
-Chlorotoluene	ND		47.0	ug/kg dry			ND				30%	
Dibromochloromethane	ND		94.1	ug/kg dry			ND				30%	
,2-Dibromo-3-chloropropane	ND		235	ug/kg dry			ND				30%	
,2-Dibromoethane (EDB)	ND		47.0	ug/kg dry			ND				30%	
Dibromomethane	ND		47.0	ug/kg dry			ND				30%	
,2-Dichlorobenzene	ND		23.5	ug/kg dry			ND				30%	

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2G0142 - 07 12 22 1520

#### QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Units Dilution % REC RPD Limit Limit Amount Result Limits Limit Notes Batch 22G0146 - EPA 5035A Soil Duplicate (22G0146-DUP1) Prepared: 07/06/22 19:25 Analyzed: 07/07/22 13:49 V-16 QC Source Sample: Non-SDG (A2G0110-01) 1,3-Dichlorobenzene ND 23.5 50 ND 30% ug/kg dry ND 23.5 1,4-Dichlorobenzene ug/kg dry 50 ND 30% Dichlorodifluoromethane ND 94.1 ug/kg dry 50 ND 30% 1,1-Dichloroethane ND 23.5 ug/kg dry 50 ND 30% 1,2-Dichloroethane (EDC) ND 23.5 ug/kg dry 50 ND 30% ------23.5 1,1-Dichloroethene ND ug/kg dry 50 ND 30% cis-1,2-Dichloroethene ND 23.5 50 ND 30% ug/kg dry trans-1,2-Dichloroethene 30% ND 23.5 ug/kg dry 50 ND 1,2-Dichloropropane ND 23.5 ug/kg dry 50 ND 30% 1,3-Dichloropropane ND 47.0 ug/kg dry 50 ND 30% 2,2-Dichloropropane ND 47.0 ug/kg dry 50 ND 30% ND 47.0 30% 1,1-Dichloropropene ug/kg dry 50 ND cis-1,3-Dichloropropene ND 47.0 ug/kg dry 50 ND 30% ND 47.0 30% trans-1,3-Dichloropropene ug/kg dry 50 ND Ethylbenzene ND 23.5 ug/kg dry 50 ND 30% Hexachlorobutadiene ND 94.1 ug/kg dry 50 ND \_\_\_ 30% 2-Hexanone ND 470 ug/kg dry 50 ND 30% ND 47.0 30% Isopropylbenzene 50 ND ug/kg dry 1070 4-Isopropyltoluene 47.0 ug/kg dry 50 1210 12 30% 470 Methylene chloride ND 50 30% ug/kg dry ND 4-Methyl-2-pentanone (MiBK) ND 470 ug/kg dry 50 ND 30% Methyl tert-butyl ether (MTBE) ND ---47.0 ug/kg dry 50 ND ------30% Naphthalene ND 94.1 ug/kg dry 50 ND 30% 30% n-Propylbenzene ND 23.5 ug/kg dry 50 ND 47.0 30% Styrene ND ug/kg dry 50 ND ND 1,1,1,2-Tetrachloroethane 23.5 ND 30% ug/kg dry 50 1,1,2,2-Tetrachloroethane ND 47.0 ND 30% ug/kg dry 50 Tetrachloroethene (PCE) ND 23.5 ug/kg dry 50 ND 30% ND 47.0 ug/kg dry 50 25.4 \*\*\* 30% ND 235 30% 1.2.3-Trichlorobenzene ug/kg dry 50 ND ---1,2,4-Trichlorobenzene ND 235 ug/kg dry 50 ND 30% 23.5 1,1,1-Trichloroethane ND 50 ND 30% ug/kg dry ---1,1,2-Trichloroethane ND 23.5 ug/kg dry 50 ND 30%

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Cor	npounds	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22G0146 - EPA 5035A							Soi	ı				
Duplicate (22G0146-DUP1)			Prepared	d: 07/06/22 1	9:25 Ana	lyzed: 07/07	7/22 13:49					V-16
QC Source Sample: Non-SDG (A2	G0110-01)											
Trichloroethene (TCE)	ND		23.5	ug/kg dr	y 50		ND				30%	
Trichlorofluoromethane	ND		470	ug/kg dr	y 50		ND				30%	
1,2,3-Trichloropropane	ND		47.0	ug/kg dr	y 50		ND				30%	
1,2,4-Trimethylbenzene	ND		47.0	ug/kg dr	y 50		ND				30%	
1,3,5-Trimethylbenzene	ND		47.0	ug/kg dr	y 50		ND				30%	
Vinyl chloride	ND		23.5	ug/kg dr	y 50		ND				30%	
m,p-Xylene	ND		47.0	ug/kg dr	y 50		ND				30%	
o-Xylene	ND		94.1	ug/kg dr	y 50		ND				30%	R-0
Surr: 1,4-Difluorobenzene (Surr)		Reco	very: 101 %	Limits: 80	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			100 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			102 %	79-	120 %		"					
QC Source Sample: Non-SDG (A2	G0110-06)											
5035A/8260D												
Acetone	1650		1040	ug/kg dr		2090	ND	79	36-164%			
Acrylonitrile	1010		104	ug/kg dr	•	1050	ND	97	65-134%			
Benzene	1100		10.4	ug/kg dr		1050	ND	106	77-121%			
Bromobenzene	1160		26.1	ug/kg dr		1050	ND	111	78-121%			
Bromochloromethane	1050		52.2	ug/kg dr	•	1050	ND	100	78-125%			
Bromodichloromethane	1280		52.2	ug/kg dr		1050	ND	123	75-127%			
Bromoform	1020		104	ug/kg dr		1050	ND	98	67-132%			
Bromomethane	1000		522	ug/kg dr		1050	ND	96	53-143%			
2-Butanone (MEK)	1870		522	ug/kg dr		2090	ND	89	51-148%			
n-Butylbenzene	1280		52.2	ug/kg dr		1050	ND	123	70-128%			
sec-Butylbenzene	1260		52.2	ug/kg dr		1050	ND	120	73-126%			
tert-Butylbenzene	1180		52.2	ug/kg dr		1050	ND	113	73-125%			
Carbon disulfide	947		522	ug/kg dr		1050	ND	91	63-132%			
Carbon tetrachloride	1360		52.2	ug/kg dr		1050	ND	131	70-135%			
Chlorobenzene	1090		26.1	ug/kg dr		1050	ND	105	79-120%			
Chloroethane	1240		522	ug/kg dr		1050	ND	118	59-139%			
Chloroform	1140		52.2	ug/kg dr		1050	ND	109	78-123%			
Chloromethane	727		261	ug/kg dr	y 50	1050	ND	70	50-136%			Q-5

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2G0142 - 07 12 22 1520

#### QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Units Dilution % REC RPD Limit Limit Amount Result Limits Limit Notes Batch 22G0146 - EPA 5035A Soil Matrix Spike (22G0146-MS1) Prepared: 07/06/22 19:25 Analyzed: 07/07/22 16:04 V-16 QC Source Sample: Non-SDG (A2G0110-06) ug/kg dry 2-Chlorotoluene 1180 52.2 50 1050 ND 113 75-122% 1170 52.2 1050 4-Chlorotoluene ug/kg dry 50 ND 112 72-124% Dibromochloromethane 1040 104 ug/kg dry 50 1050 ND 100 74-126% 1,2-Dibromo-3-chloropropane 1090 261 ug/kg dry 50 1050 ND 104 61-132% 1,2-Dibromoethane (EDB) 1200 52.2 ug/kg dry 50 1050 ND 115 78-122% Dibromomethane 52.2 1050 ND 1100 ug/kg dry 50 106 78-125% ug/kg dry 1,2-Dichlorobenzene 1130 26.1 50 1050 ND 108 78-121% 26.1 1050 ND 1,3-Dichlorobenzene 1150 ug/kg dry 50 110 77-121% 1,4-Dichlorobenzene 1040 26.1 ug/kg dry 50 1050 ND 100 75-120% Dichlorodifluoromethane 721 104 ug/kg dry 50 1050 ND 69 29-149% O-54a 1,1-Dichloroethane 1120 26.1 ug/kg dry 50 1050 ND 107 76-125% 102 1,2-Dichloroethane (EDC) 26.1 50 1050 ND 73-128% 1060 ug/kg dry 1050 1,1-Dichloroethene 1040 26.1 ug/kg dry 50 ND 100 70-131% 1050 1090 26.1 ND 104 77-123% cis-1,2-Dichloroethene ug/kg dry 50 trans-1,2-Dichloroethene 1090 26.1 ug/kg dry 50 1050 ND 104 74-125% 1,2-Dichloropropane 1070 26.1 ug/kg dry 50 1050 ND 102 76-123% \_\_\_ 1,3-Dichloropropane 1130 52.2 ug/kg dry 50 1050 ND 108 77-121% 1190 52.2 1050 ND 2,2-Dichloropropane 50 114 67-133% ug/kg dry 52.2 1050 76-125% 1,1-Dichloropropene 1170 ug/kg dry 50 ND 112 52.2 1050 cis-1,3-Dichloropropene 50 ND 106 74-126% 1100 ug/kg dry 1050 ND 71-130% trans-1,3-Dichloropropene 1070 52.2 ug/kg dry 50 102 Ethylbenzene 1150 ---26.1 ug/kg dry 50 1050 ND 110 76-122% Hexachlorobutadiene 1680 104 ug/kg dry 50 1050 ND 161 61-135% Q-01 2-Hexanone 2040 522 2090 ND 97 ug/kg dry 50 53-145% 52.2 1050 ND Isopropylbenzene 1260 ug/kg dry 50 121 68-134% 1050 1310 52.2 27.2 123 73-127% 4-Isopropyltoluene ug/kg dry 50 Methylene chloride 1010 522 1050 ND 97 70-128% ug/kg dry 50 2090 4-Methyl-2-pentanone (MiBK) 2350 522 ug/kg dry 50 ND 113 65-135% Methyl tert-butyl ether (MTBE) 1050 52.2 ug/kg dry 50 1050 ND 101 73-125% Naphthalene 1240 104 1050 ND 119 ug/kg dry 50 62-129% n-Propylbenzene 1210 26.1 ug/kg dry 50 1050 ND 116 73-125% 52.2 1050 Styrene 1140 50 ND 109 76-124% ug/kg dry ---

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Philip Manherz

1,1,1,2-Tetrachloroethane

1130

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108

78-125%

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50

1050

ND

26.1

ug/kg dry



#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D Detection % REC RPD Reporting Spike Source Analyte Result Limit Units Dilution Result % REC RPD Limit Amount Limits Limit Notes Batch 22G0146 - EPA 5035A Soil Matrix Spike (22G0146-MS1) Prepared: 07/06/22 19:25 Analyzed: 07/07/22 16:04 V-16 QC Source Sample: Non-SDG (A2G0110-06) 1,1,2,2-Tetrachloroethane 1160 52.2 ug/kg dry 50 1050 ND 111 70-124% Tetrachloroethene (PCE) 1170 26.1 1050 ug/kg dry 50 ND 112 73-128% 1050 77-121% Toluene 1080 52.2 ug/kg dry 50 ND 103 1,2,3-Trichlorobenzene 1230 261 ug/kg dry 50 1050 ND 118 66-130% 1,2,4-Trichlorobenzene 1260 261 ug/kg dry 50 1050 ND 121 67-129% 1,1,1-Trichloroethane 26.1 1050 ND 1250 ug/kg dry 50 120 73-130% 26.1 1,1,2-Trichloroethane 1150 ug/kg dry 50 1050 ND 110 78-121% Trichloroethene (TCE) 26.1 1050 ND 77-123% 1190 ug/kg dry 50 114 Trichlorofluoromethane 1340 522 ug/kg dry 50 1050 ND 129 62-140% 1,2,3-Trichloropropane 1140 52.2 ug/kg dry 50 1050 ND 109 73-125% 1,2,4-Trimethylbenzene 1200 52.2 ug/kg dry 50 1050 ND 115 75-123% 52.2 50 1,3,5-Trimethylbenzene 1050 ND 73-124% 1220 ug/kg dry 117 901 1050 ND Vinyl chloride 26.1 ug/kg dry 50 86 56-135% 2090 m,p-Xylene 2330 52.2 ND 111 77-124% ug/kg dry 50 77-123% o-Xylene 1170 ug/kg dry 50 ND 112 Surr: 1,4-Difluorobenzene (Surr) 101 % Limits: 80-120 % Dilution: 1x Recovery: 100 % Toluene-d8 (Surr) 80-120 % 4-Bromofluorobenzene (Surr) 101 % 79-120 %

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Polychlo	rinated Bi	phenyls	by EPA 80	)82A					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22G0248 - EPA 3546							Se	diment				
Blank (22G0248-BLK1)			Prepare	d: 07/11/22 (	08:02 Ana	lyzed: 07/12	/22 08:54					C-07
EPA 8082A												
Aroclor 1016	ND		3.64	ug/kg we	et 1							
Aroclor 1221	ND		3.64	ug/kg we	et 1							
Aroclor 1232	ND		3.64	ug/kg we	et 1							
Aroclor 1242	ND		3.64	ug/kg we	et 1							
Aroclor 1248	ND		3.64	ug/kg we	et 1							
Aroclor 1254	ND		3.64	ug/kg we	et 1							
Aroclor 1260	ND		3.64	ug/kg we	et 1							
Surr: Decachlorobiphenyl (Surr)		Rec	overy: 87 %	Limits: 60	-125 %	Dili	ution: 1x					
LCS (22G0248-BS1)			Prepare	d: 07/11/22 (	08:02 Ana	lyzed: 07/12	/22 09:12					C-07
EPA 8082A												
Aroclor 1016	200		4.00	ug/kg we	et 1	250		80	47-134%			
Aroclor 1260	200		4.00	ug/kg we		250		80	53-140%			
Surr: Decachlorobiphenyl (Surr)		Reco	very: 100 %	Limits: 60		Dili	ution: 1x					
Duplicate (22G0248-DUP1)			Prepare	d: 07/11/22 (	08:02 Ana	lyzed: 07/12	/22 10:05					C-07
QC Source Sample: Non-SDG (A	2F0980-02)											
Aroclor 1016	ND		5.07	ug/kg dr	y 1		ND				30%	
Aroclor 1221	ND		5.07	ug/kg dr	y 1		ND				30%	
Aroclor 1232	ND		5.07	ug/kg dr	y 1		ND				30%	
Aroclor 1242	ND		5.07	ug/kg dr	y 1		3.18			***	30%	
Aroclor 1248	ND		5.07	ug/kg dr	y 1		ND				30%	
Aroclor 1254	161		5.07	ug/kg dr			6.78			184	30%	Q-1
Aroclor 1260	ND		5.07	ug/kg dr			2.54			***	30%	
Surr: Decachlorobiphenyl (Surr)		Rec	overy: 93 %	Limits: 60	•	Dili	ution: 1x					
Matrix Spike (22G0248-MS1)			Prepare	d: 07/11/22 (	08:02 Ana	lyzed: 07/12	2/22 11:17					C-07
QC Source Sample: Non-SDG (A	2F0980-03)											
EPA 8082A												
Aroclor 1016	246		5.33	ug/kg dr	y 1	333	ND	74	47-134%			
Aroclor 1260	245		5.33	ug/kg dr		333	ND	73	53-140%			
Surr: Decachlorobiphenyl (Surr)		Rec	overy: 88 %	Limits: 60	-125 %	Dilt	ution: 1x					

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

<u>Maul Foster & Alongi, INC.</u> Project: <u>Blue Heron Paper Mill</u>

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Polychlor	inated Bi	phenyls	by EPA 80	)82A					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22G0248 - EPA 3546							Sec	diment				
Matrix Spike Dup (22G0248-1	MSD1)		Prepared	1: 07/11/22 0	08:06 Ana	lyzed: 07/12	/22 11:52					C-0'
QC Source Sample: Non-SDG (A	2F0980-03)											
Aroclor 1016	228		5.30	ug/kg dr	y 1	331	ND	69	47-134%	8	30%	
Aroclor 1260	236		5.30	ug/kg dr	y 1	331	ND	71	53-140%	4	30%	
Surr: Decachlorobiphenyl (Surr)		Reco	overy: 90 %	Limits: 60-	-125 %	Dilı	ution: 1x					

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Total M	letals by l	EPA 6020	B (ICPMS	S)					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22G0211 - EPA 3051A							Sec	diment				
Blank (22G0211-BLK1)			Prepared	: 07/08/22 1	1:30 Anal	yzed: 07/09	/22 22:32					
EPA 6020B												
Arsenic	ND		0.481	mg/kg we	et 5							
Barium	ND		0.481	mg/kg we	et 5							
Cadmium	ND		0.0962	mg/kg we	et 5							
Chromium	ND		0.481	mg/kg we	et 5							
Lead	ND		0.0962	mg/kg we	et 5							
Mercury	ND		0.0385	mg/kg we	et 5							
Selenium	ND		0.481	mg/kg we	et 5							
Silver	ND		0.0962	mg/kg we	et 5							
LCS (22G0211-BS1)			Prepared	: 07/08/22 1	1:30 Anal	yzed: 07/09	/22 22:37					
EPA 6020B												
Arsenic	24.8		0.500	mg/kg we	et 5	25.0		99	80-120%			
Barium	24.6		0.500	mg/kg we	et 5	25.0		99	80-120%			
Cadmium	24.1		0.100	mg/kg we	et 5	25.0		97	80-120%			
Chromium	25.9		0.500	mg/kg we	et 5	25.0		104	80-120%			
Lead	25.7		0.100	mg/kg we	et 5	25.0		103	80-120%			
Mercury	0.488		0.0400	mg/kg we	et 5	0.500		98	80-120%			
Selenium	11.7		0.500	mg/kg we	et 5	12.5		94	80-120%			
Silver	12.8		0.100	mg/kg we	et 5	12.5		103	80-120%			
Duplicate (22G0211-DUP1)			Prepared	: 07/08/22 1	1:30 Anal	yzed: 07/09	/22 23:45					
QC Source Sample: Non-SDG (A2	(G0155-24)											
Arsenic	6.23		0.653	mg/kg dr	y 5		4.95			23	20%	Q-
Barium	99.7		0.653	mg/kg dr			126			23	20%	Q-
Cadmium	ND		0.131	mg/kg dr			0.0750			***	20%	
Chromium	14.3		0.653	mg/kg dr			15.5			8	20%	
Lead	6.12		0.131	mg/kg dr			6.50			6	20%	
Mercury	ND		0.0522	mg/kg dr			ND				20%	
Silver	ND		0.131	mg/kg dr			ND				20%	
Duplicate (22G0211-DUP2)			Prepared	: 07/08/22 1	1:30 Ana	lyzed: 07/11	/22.16:11					

QC Source Sample: Non-SDG (A2G0155-24RE1)

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# **Apex Laboratories, LLC**

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ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Total M	letals by I	EPA 602	OB (ICPMS	S)					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22G0211 - EPA 3051A							Sec	diment				
Duplicate (22G0211-DUP2)			Prepared	: 07/08/22 1	1:30 Ana	lyzed: 07/11	/22 16:11					
QC Source Sample: Non-SDG (A2	G0155-24R	<u>E1)</u>										
Selenium	ND		0.653	mg/kg dr	y 5		0.345			***	20%	Q-16
Matrix Spike (22G0211-MS1)			Prepared	: 07/08/22 1	1:30 Ana	lyzed: 07/09	0/22 23:50					
QC Source Sample: Non-SDG (A2	G0155-24)											
EPA 6020B												
Arsenic	36.9		0.663	mg/kg dr	y 5	33.2	4.95	96	75-125%			
Barium	125		0.663	mg/kg dr	y 5	33.2	126	-2	75-125%			Q-04
Cadmium	32.2		0.133	mg/kg dr	y 5	33.2	0.0750	97	75-125%			
Chromium	49.8		0.663	mg/kg dr	y 5	33.2	15.5	103	75-125%			
Lead	38.2		0.133	mg/kg dr	y 5	33.2	6.50	95	75-125%			
Mercury	0.648		0.0531	mg/kg dr	y 5	0.663	ND	98	75-125%			
Silver	17.3		0.133	mg/kg dr	y 5	16.6	ND	105	75-125%			
Matrix Spike (22G0211-MS2)			Prepared	: 07/08/22 1	1:30 Ana	lyzed: 07/11	/22 16:16					
QC Source Sample: Non-SDG (A2	G0155-24R	E1)										
EPA 6020B												
Selenium	16.7		0.663	mg/kg dr	y 5	16.6	0.345	99	75-125%			Q-16
Matrix Spike Dup (22G0211-M	(SD1)		Prepared	: 07/08/22 1	1:30 Ana	lyzed: 07/09	0/22 23:55					
QC Source Sample: Non-SDG (A2	G0155-24)											
Arsenic	36.4		0.649	mg/kg dr	y 5	32.5	4.95	97	75-125%	1	20%	
Barium	121		0.649	mg/kg dr		32.5	126	-14	75-125%	3	20%	Q-04
Cadmium	32.2		0.130	mg/kg dr	y 5	32.5	0.0750	99	75-125%	0.09	20%	
Chromium	50.0		0.649	mg/kg dr		32.5	15.5	106	75-125%	0.5	20%	
Lead	38.2		0.130	mg/kg dr	•	32.5	6.50	98	75-125%	0.01	20%	
Mercury	0.640		0.0519	mg/kg dr		0.649	ND	99	75-125%	1	20%	
Silver	17.1		0.130	mg/kg dr		16.2	ND	106	75-125%	1	20%	
Matrix Spike Dup (22G0211-M	(SD2)		Prepared	: 07/08/22 1	1:30 Ana	lyzed: 07/11	/22 16:20					
QC Source Sample: Non-SDG (A2	G0155-24R	E1)										
Selenium	17.0		0.649	mg/kg dr	y 5	16.2	0.345	102	75-125%	1	20%	Q-16

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

# QUALITY CONTROL (QC) SAMPLE RESULTS

				Percen	t Dry Wei	ght						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22G0220 - Total Solids (	Dry Weig	ht)					Soi	I				
Duplicate (22G0220-DUP1)			Prepared	: 07/08/22	13:45 Ana	lyzed: 07/09	/22 13:55					PRO
QC Source Sample: Non-SDG (A2	G0023-02)											
% Solids	96.5		1.00	%	1		96.5			0.05	10%	
Duplicate (22G0220-DUP2)			Prepared	: 07/08/22	13:45 Ana	lyzed: 07/09	/22 13:55					PRO
QC Source Sample: Non-SDG (A2	G0023-04)											
% Solids	96.7		1.00	%	1		96.8			0.1	10%	
Duplicate (22G0220-DUP3)			Prepared	: 07/08/22	13:45 Ana	lyzed: 07/09	/22 13:55					PRO
QC Source Sample: Non-SDG (A2	G0023-06)											
% Solids	96.5		1.00	%	1		96.6			0.08	10%	
Duplicate (22G0220-DUP4)			Prepared	: 07/08/22	13:45 Ana	lyzed: 07/09	/22 13:55					PRO
QC Source Sample: Non-SDG (A2	G0023-08)											
% Solids	96.7		1.00	%	1		96.8			0.1	10%	
Duplicate (22G0220-DUP5)			Prepared	: 07/08/22	19:00 Ana	lyzed: 07/09	/22 13:55					
QC Source Sample: Non-SDG (A2	G0210-01)											
% Solids	95.6		1.00	%	1		95.6			0.03	10%	
Duplicate (22G0220-DUP6)			Prepared	: 07/08/22	19:00 Ana	lyzed: 07/09	/22 13:55					
QC Source Sample: Non-SDG (A2	G0216-01)											
% Solids	93.5		1.00	%	1		92.3			1	10%	

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

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

#### SAMPLE PREPARATION INFORMATION

		Volatile	Organic Compounds	by EPA 8260D			
Prep: EPA 5035A  Lab Number  Batch: 22G0146	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A2G0142-01	Sediment	5035A/8260D	07/07/22 10:15	07/07/22 10:15	3.81g/5mL	5g/5mL	1.31
		Polych	nlorinated Biphenyls l	oy EPA 8082A			
Prep: EPA 3546					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22G0248 A2G0142-01	Sediment	EPA 8082A	07/07/22 10:15	07/11/22 08:02	10.27g/5mL	10g/5mL	0.97
		Tota	l Metals by EPA 602	0B (ICPMS)			
Prep: EPA 3051A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22G0211 A2G0142-01	Sediment	EPA 6020B	07/07/22 10:15	07/08/22 11:30	0.507g/50mL	0.5g/50mL	0.99
			Percent Dry We	ight			
Prep: Total Solids (Dr	ry Weight)				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22G0220 A2G0142-01	Sediment	EPA 8000D	07/07/22 10:15	07/08/22 13:45			NA

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

#### **QUALIFIER DEFINITIONS**

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

#### **Apex Laboratories**

A Luborut	7713
C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
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-16	Reanalysis of an original Batch QC sample.
Q-17	RPD between original and duplicate sample is outside of established control limits.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -14%. The

- Q-54 Daily Continuing Calibration verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8200/82/0 by -14%. The results are reported as Estimated Values.
- Q-54a Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -18%. The results are reported as Estimated Values.
- Q-55 Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260, however there is adequate sensitivity to ensure detection at the reporting level.
- R-02 The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- V-16 Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was not preserved within 48 hours of sampling.

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2G0142 - 07 12 22 1520

#### 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.

#### **<u>Detection Limits:</u>** Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('----'), then the data has not been evaluated below the Reporting Limit.

#### Reporting Limits: Limit of Quantitation (LOQ)

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

#### **Reporting Conventions:**

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

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

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

See Percent Solids section for details of dry weight analysis.

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

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

#### **QC Source:**

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

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) 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).

#### Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).

- -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.

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number: 0496.02Report ID:Portland, OR 97232Project Manager: Jacob FaustA2G0142 - 07 12 22 1520

#### **REPORTING NOTES AND CONVENTIONS (Cont.):**

#### Blanks (Cont.):

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

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

#### **Preparation Notes:**

#### Mixed Matrix Samples:

#### Water Samples:

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

#### Soil and Sediment Samples:

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

#### **Sampling and Preservation Notes:**

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

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

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

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

Apex Laboratories

Philip Nevenberg

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Philip Nerenberg, Lab Director

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# Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

#### 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 <u>exception</u> 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 provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Menberg

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Philip Nerenberg, Lab Director

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: 0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2G0142 - 07 12 22 1520

6700 SW Sandburg St., Tigard, OR 97223 Ph. 503-718-2323	R 97223 Ph.	503-718	-2323		ر	H.A		5	ر	3	CHAIN OF CUSTODY	ב				Z.	Lab# KKUUHK COC   of	141	000	Jo	
Company: MAUL FOSTER	ALONG   Project Mgr. JALOS	Project A	fgr. J.F	4603	1	FAUS [			Projec	Project Name:	18	BLUE	HE20.V	5			Project #: 0 496 -6.2	496	5.2		
Address: 6 CENTERPOINTE	50 四,	DL, SVITE 360, LAKE, D Phone: 503 501-5224	360,	いるで	O Pho	ee:	3.5	-109	375		aii:	fau	5+6	pheel	Hoch	Email: Jaust Praultoster, con	PO#		3		
Sampled by: CH 215 CLOUSH	44													8	Siev E	ANAT VGIC DECRIBER	7				1000
Site Location:				-						<b> </b>	3	<u> </u>			-	d'i			H	L	+
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SED-COMP-BASE 2	27/4/6	1015	S	2				<u> </u>	-	×	_	×		×		L S		-	+		+-
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TAT Degraced (circle)	1 Day	7	2 Day		3 Day	$\wedge$			İ												
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	SAMPLES ARE HELD FOR 30 DAYS	FOR 30	DAYS						1	Т											
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company: MFA		0	Соправу:	4	,					Co	Company:						Company:				

Apex Laboratories

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Philip Nerenberg, Lab Director

Philip Nevenberg

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street Portland, OR 97232 Project: Blue Heron Paper Mill

Project Number: **0496.02**Project Manager: **Jacob Faust** 

Report ID: A2G0142 - 07 12 22 1520

APEX LABS COOLER RECEIPT FORM Client: May Foster Alongi Element WO#: A2 60 142

Project/Project #: Blvl Heron 0496.02 **Delivery Info:** Delivered by: Apex\_\_\_Client KESS\_\_FedEx\_\_UPS\_\_Swift\_\_Senvoy\_SDS\_\_Other\_\_\_\_ Cooler Inspection Date/time inspected: 770 @ (100 By: Yes \_\_\_\_\_ No \_\_\_\_\_ Custody seals? Yes \_\_\_\_ No Chain of Custody included? Signed/dated by client? Yes V No Yes \_\_\_\_ No \_\_\_ Signed/dated by Apex? Cooler #1 Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6 Cooler #7 Temperature (°C) Received on ice? (Y/N) Temp. blanks? (Y/N) Ice type: (Gel/Real/Other) Condition: 6001 Cooler out of temp? (YN) 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: 

A W By: WW All samples intact? Yes Y No Comments: Bottle labels/COCs agree? Yes 🔀 No \_\_\_ Comments: \_\_\_\_\_ COC/container discrepancies form initiated? Yes \_\_\_ No \_\_\_\_\_ No Containers/volumes received appropriate for analysis? Yes Y No Comments: Do VOA vials have visible headspace? Yes \_\_\_ No \_\_\_ NA \_\_\_\_\_ Water samples: pH checked: Yes No NA pH appropriate? Yes No NA Comments: Additional information: Labeled by: Witness: Cooler Inspected by: NX 5 D 35

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Philip Nerenberg, Lab Director

Philip Nevenberg

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Apex Laboratories, LLC

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

Wednesday, June 22, 2022 Jacob Faust Maul Foster & Alongi, INC. 3140 NE Broadway Street Portland, OR 97232

RE: A2F0586 - Blue Heron Paper Mill - M0496.02

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 A2F0586, which was received by the laboratory on 6/16/2022 at 1:08:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: <a href="mailto:pnerenberg@apex-labs.com">pnerenberg@apex-labs.com</a>, 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

(See Cooler Receipt Form for details)

Cooler #1

5.8 degC

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

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





Apex Laboratories

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Philip Nerenberg, Lab Director

Philip Nevenberg

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# ANALYTICAL REPORT FOR SAMPLES

	SAMPLE INFO	RMATION		
Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SED-COMP-BASE 1	A2F0586-01	Soil	06/16/22 07:45	06/16/22 13:08
SOIL-COMP-TANK	A2F0586-02	Soil	06/16/22 11:20	06/16/22 13:08

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
SED-COMP-BASE 1 (A2F0586-01)				Matrix: Soil	<u> </u>	Batch:	22F0631	
Acetone	ND		8410	ug/kg dry	50	06/17/22 12:36	5035A/8260D	ICV-0
Acrylonitrile	ND		841	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Benzene	ND		84.1	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Bromobenzene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Bromochloromethane	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Bromodichloromethane	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Bromoform	ND		841	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Bromomethane	ND		4210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
2-Butanone (MEK)	ND		4210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
n-Butylbenzene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
sec-Butylbenzene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
ert-Butylbenzene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Carbon disulfide	ND		4210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Carbon tetrachloride	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Chlorobenzene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Chloroethane	ND		4210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Chloroform	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Chloromethane	ND		2100	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
2-Chlorotoluene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
4-Chlorotoluene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Dibromochloromethane	ND		841	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND		2100	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,2-Dibromoethane (EDB)	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Dibromomethane	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,2-Dichlorobenzene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,3-Dichlorobenzene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
,4-Dichlorobenzene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Dichlorodifluoromethane	ND		841	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
,1-Dichloroethane	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
,2-Dichloroethane (EDC)	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
,1-Dichloroethene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
sis-1,2-Dichloroethene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
rans-1,2-Dichloroethene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	

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Philip Nevenberg

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
SED-COMP-BASE 1 (A2F0586-01)				Matrix: Soil	ı	Batch:	22F0631	
1,2-Dichloropropane	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,3-Dichloropropane	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
2,2-Dichloropropane	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,1-Dichloropropene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
cis-1,3-Dichloropropene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
trans-1,3-Dichloropropene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Ethylbenzene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Hexachlorobutadiene	ND		841	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
2-Hexanone	ND		4210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Isopropylbenzene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
4-Isopropyltoluene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Methylene chloride	ND		4210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND		4210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Naphthalene	ND		841	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
n-Propylbenzene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Styrene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Tetrachloroethene (PCE)	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Toluene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,2,3-Trichlorobenzene	ND		2100	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,2,4-Trichlorobenzene	ND		2100	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,1,1-Trichloroethane	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
1,1,2-Trichloroethane	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Trichloroethene (TCE)	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Trichlorofluoromethane	ND		841	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
,2,3-Trichloropropane	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
,2,4-Trimethylbenzene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
,3,5-Trimethylbenzene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
Vinyl chloride	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
n,p-Xylene	ND		421	ug/kg dry	50	06/17/22 12:36	5035A/8260D	
-Xylene	ND		210	ug/kg dry	50	06/17/22 12:36	5035A/8260D	

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Philip Nevenberg

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 06 22 22 1623

# ANALYTICAL SAMPLE RESULTS

Recovery: 99 % Limits: 80-120 % 1 06/17/22 12:36 5033.A8260D		V	olatile Organ	ic Compou	nds by EPA 826	0D			
SED-COMP-BASE 1 (A2F0586-01)   Matrix: Soil   Batch: 22F0631				1 0					
Recovery: 99 %   Limits: 80-120 %   1 0617/22 12:36   5033.48/260D   100 % 80-120 % 1 0617/22 12:36   5033.48/260D   100 % 80-120 % 1 0617/22 12:36   5033.48/260D   100 % 80-120 % 1 0617/22 12:36   5033.48/260D   100 % 80-120 % 1 0617/22 12:36   5033.48/260D   100 % 80-120 % 1 0617/22 12:36   5033.48/260D   100 % 80-120 % 1 0617/22 12:36   5033.48/260D   100 % 80-120 % 1 0617/22 12:36   5033.48/260D   100 % 80-120 % 1 0617/22 15:38   5035.48/260D   100 % 1	Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
Tolumo-els (Surr)	SED-COMP-BASE 1 (A2F0586-01)				Matrix: Soil		Batch:	22F0631	
SCIL-COMP-TANK (A2F0586-02)   Matrix: Soil   Batch: 22F0631	Surrogate: 1,4-Difluorobenzene (Surr)		Reco	very: 99 %	Limits: 80-120 %	I		5035A/8260D	
Matrix: Soil   Batch: 22F0631   ICV-02	` ′								
Acetone ND 1040 ug/kg dry 50 0617/22 15:18 5035A/8260D ICV-02 Acrylonitrile ND 104 ug/kg dry 50 0617/22 15:18 5035A/8260D Benzene ND 26.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 26.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Bromoehorzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/kg dry 50 0617/22 15:18 5035A/8260D Erer-Butylbenzene ND 52.0 ug/k	4-Bromofluorobenzene (Surr)			98 %	79-120 %	1	06/17/22 12:36	5035A/8260D	
Acrylonitrile ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D Benzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Bromochromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5	SOIL-COMP-TANK (A2F0586-02)				Matrix: Soil		Batch:	22F0631	
Benzene   ND     10.4   ug/kg dry   50   06/17/22 15:18   5035A/8260D	Acetone	ND		1040	ug/kg dry	50	06/17/22 15:18	5035A/8260D	ICV-02
Bromobenzene   ND     26.0   ug/kg dry   50   0617/22 15:18   5035A/8260D	Acrylonitrile	ND		104	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Bromochloromethane   ND     52.0   ug/kg dry   50   06/17/22 15:18   5035A/8260D	Benzene	ND		10.4	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Bromodichloromethane	Bromobenzene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Bromoform   ND     104   ug/kg dry   50   06/17/22 15:18   5035A/8260D	Bromochloromethane	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Bromomethane   ND     S20   ug/kg dry   S0   06/17/22 15:18   S035A/8260D	Bromodichloromethane	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
2-Butanone (MEK) ND 520 ug/kg dry 50 06/17/22 15:18 5035A/8260D n-Butylbenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D tert-Butylbenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D tert-Butylbenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D tert-Butylbenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Carbon disulfide ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Carbon disulfide ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Carbon tetrachloride ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,2-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,2-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,3-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,4-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,4-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,4-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/2	Bromoform	ND		104	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
n-Butylbenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D sec-Butylbenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D tert-Butylbenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Carbon disulfide ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Carbon tetrachloride ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Carbon tetrachloride ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorochtane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chloroform ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chloroform ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorochtane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorochtane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorochtane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorochtane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochloromethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochloromethane ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochlane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D	Bromomethane	ND		520	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
sec-Butylbenzene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           tert-Butylbenzene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Carbon disulfide         ND          520         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Carbon tetrachloride         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloroform         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloroform         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloromethane         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           2-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1-2-Dibromo-3-chloropr	2-Butanone (MEK)	ND		520	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
tert-Butylbenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Carbon disulfide ND 520 ug/kg dry 50 06/17/22 15:18 5035A/8260D Carbon tetrachloride ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 520 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 520 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Chlorothane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D C 52.0 ug/kg dry 50 06/17/22 15:18	n-Butylbenzene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Carbon disulfide         ND          520         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Carbon tetrachloride         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chlorothane         ND          520         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chlorotorm         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           2-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           4-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dibromochloromethane         ND          104         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dibromoethane (ED	sec-Butylbenzene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Carbon tetrachloride         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloroethane         ND          520         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloroform         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloromethane         ND          260         ug/kg dry         50         06/17/22 15:18         5035A/8260D           2-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           2-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           4-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dibromochloromethane         ND          260         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dibromomethane (E	tert-Butylbenzene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Chlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloroethane         ND          520         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloroform         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloromethane         ND          260         ug/kg dry         50         06/17/22 15:18         5035A/8260D           2-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           4-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dibromochloromethane         ND          104         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dibromo-3-chloropropane         ND          260         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dibromoethane (EDB)         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dibromo	Carbon disulfide	ND		520	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Chloroethane         ND          520         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloroform         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Chloromethane         ND          260         ug/kg dry         50         06/17/22 15:18         5035A/8260D           2-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           4-Chlorotoluene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dibromochloromethane         ND          104         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dibromoethane (EDB)         ND          260         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dibromomethane         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dichlorobenzene         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,4-Dichlorobe	Carbon tetrachloride	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Chloroform ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  Chloromethane ND 260 ug/kg dry 50 06/17/22 15:18 5035A/8260D  2-Chlorotoluene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  4-Chlorotoluene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  Dibromochloromethane ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,2-Dibromo-3-chloropropane ND 260 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,2-Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,2-Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,2-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,3-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  Dichlorodifluoromethane ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D  Dichlorodifluoromethane ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D	Chlorobenzene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Chloromethane ND 260 ug/kg dry 50 06/17/22 15:18 5035A/8260D 2-Chlorotoluene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 4-Chlorotoluene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochloromethane ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dibromo-3-chloropropane ND 260 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromomethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,3-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,3-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dichlorodifluoromethane ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dichlorodifluoromethane ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D	Chloroethane	ND		520	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
2-Chlorotoluene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 4-Chlorotoluene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochloromethane ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dibromo-3-chloropropane ND 260 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromomethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dichlorobenzene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,3-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,3-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dichlorodifluoromethane ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D	Chloroform	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
4-Chlorotoluene ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromochloromethane ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dibromo-3-chloropropane ND 260 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dibromoethane (EDB) ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dibromomethane ND 52.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,2-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,3-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,3-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D 1,4-Dichlorobenzene ND 26.0 ug/kg dry 50 06/17/22 15:18 5035A/8260D Dichlorodifluoromethane ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D	Chloromethane	ND		260	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Dibromochloromethane         ND          104         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dibromo-3-chloropropane         ND          260         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dibromoethane (EDB)         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dibromomethane         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dichlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,3-Dichlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,4-Dichlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dichlorodifluoromethane         ND          104         ug/kg dry         50         06/17/22 15:18         5035A/8260D	2-Chlorotoluene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
1,2-Dibromo-3-chloropropane       ND        260       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,2-Dibromoethane (EDB)       ND        52.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         Dibromomethane       ND        52.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,2-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,3-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,4-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         Dichlorodifluoromethane       ND        104       ug/kg dry       50       06/17/22 15:18       5035A/8260D	4-Chlorotoluene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
1,2-Dibromoethane (EDB)       ND        52.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         Dibromomethane       ND        52.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,2-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,3-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,4-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         Dichlorodifluoromethane       ND        104       ug/kg dry       50       06/17/22 15:18       5035A/8260D	Dibromochloromethane	ND		104	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Dibromomethane         ND          52.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,2-Dichlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,3-Dichlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           1,4-Dichlorobenzene         ND          26.0         ug/kg dry         50         06/17/22 15:18         5035A/8260D           Dichlorodifluoromethane         ND          104         ug/kg dry         50         06/17/22 15:18         5035A/8260D	1,2-Dibromo-3-chloropropane	ND		260	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
1,2-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,3-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,4-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         Dichlorodifluoromethane       ND        104       ug/kg dry       50       06/17/22 15:18       5035A/8260D	1,2-Dibromoethane (EDB)	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
1,3-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,4-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         Dichlorodifluoromethane       ND        104       ug/kg dry       50       06/17/22 15:18       5035A/8260D	Dibromomethane	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
1,3-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         1,4-Dichlorobenzene       ND        26.0       ug/kg dry       50       06/17/22 15:18       5035A/8260D         Dichlorodifluoromethane       ND        104       ug/kg dry       50       06/17/22 15:18       5035A/8260D	1,2-Dichlorobenzene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Dichlorodifluoromethane ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D	1,3-Dichlorobenzene	ND		26.0		50	06/17/22 15:18	5035A/8260D	
Dichlorodifluoromethane ND 104 ug/kg dry 50 06/17/22 15:18 5035A/8260D	1,4-Dichlorobenzene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
	Dichlorodifluoromethane	ND		104		50	06/17/22 15:18	5035A/8260D	
	1,1-Dichloroethane			26.0	ug/kg dry		06/17/22 15:18	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 06 22 22 1623

# ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
SOIL-COMP-TANK (A2F0586-02)				Matrix: Soi	ı	Batch:	22F0631	
,2-Dichloroethane (EDC)	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,1-Dichloroethene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
sis-1,2-Dichloroethene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
rans-1,2-Dichloroethene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,2-Dichloropropane	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,3-Dichloropropane	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
2,2-Dichloropropane	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,1-Dichloropropene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
sis-1,3-Dichloropropene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
rans-1,3-Dichloropropene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Ethylbenzene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Hexachlorobutadiene	ND		104	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
2-Hexanone	ND		520	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
sopropylbenzene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
-Isopropyltoluene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Methylene chloride	ND		520	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
-Methyl-2-pentanone (MiBK)	ND		520	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Naphthalene	ND		104	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
n-Propylbenzene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Styrene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,1,1,2-Tetrachloroethane	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,1,2,2-Tetrachloroethane	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Tetrachloroethene (PCE)	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Toluene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,2,3-Trichlorobenzene	ND		260	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,2,4-Trichlorobenzene	ND		260	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,1,1-Trichloroethane	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,1,2-Trichloroethane	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
richloroethene (TCE)	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
richlorofluoromethane	ND		104	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,2,3-Trichloropropane	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
,2,4-Trimethylbenzene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# ANALYTICAL SAMPLE RESULTS

	V	olatile Organ	ic Compou	nds by EPA 826	30D			
	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes
SOIL-COMP-TANK (A2F0586-02)				Matrix: Soil		Batch:	22F0631	
1,3,5-Trimethylbenzene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Vinyl chloride	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
m,p-Xylene	ND		52.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
o-Xylene	ND		26.0	ug/kg dry	50	06/17/22 15:18	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Reco	very: 98 %	Limits: 80-120 %	5 1	06/17/22 15:18	5035A/8260D	
Toluene-d8 (Surr)			101 %	80-120 %	5 I	06/17/22 15:18	5035A/8260D	
4-Bromofluorobenzene (Surr)			98 %	79-120 %	5 1	06/17/22 15:18	5035A/8260D	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# ANALYTICAL SAMPLE RESULTS

		Polychlorina	ted Bipheny	ls by EPA 8082	2A			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SED-COMP-BASE 1 (A2F0586-01)				Matrix: Soil		Batch:	22F0645	C-07
Aroclor 1016	ND		29.8	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1221	ND		29.8	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1232	ND		29.8	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1242	ND		29.8	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1248	ND		29.8	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Aroclor 1254	56.4		29.8	ug/kg dry	1	06/20/22 09:14	EPA 8082A	Q-39
Aroclor 1260	ND		29.8	ug/kg dry	1	06/20/22 09:14	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 32 %	Limits: 60-125 %	5 1	06/20/22 09:14	EPA 8082A	S-03
SOIL-COMP-TANK (A2F0586-02)				Matrix: Soil		Batch:	22F0645	C-07
Aroclor 1016	ND		10.4	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1221	ND		10.4	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1232	ND		10.4	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1242	ND		10.4	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1248	ND		10.4	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1254	ND		10.4	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Aroclor 1260	ND		10.4	ug/kg dry	1	06/20/22 10:25	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		Reco	very: 90 %	Limits: 60-125 %	5 1	06/20/22 10:25	EPA 8082A	

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# ANALYTICAL SAMPLE RESULTS

		Total Meta	als by EPA 60	20B (ICPMS)				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SED-COMP-BASE 1 (A2F0586-01)				Matrix: Soi	l			
Batch: 22F0662								
Arsenic	6.37		3.05	mg/kg dry	10	06/20/22 13:03	EPA 6020B	
Barium	101		3.05	mg/kg dry	10	06/20/22 13:03	EPA 6020B	
Cadmium	ND		0.611	mg/kg dry	10	06/20/22 13:03	EPA 6020B	
Chromium	14.6		3.05	mg/kg dry	10	06/20/22 13:03	EPA 6020B	
Lead	8.56		0.611	mg/kg dry	10	06/20/22 13:03	EPA 6020B	
Mercury	ND		0.244	mg/kg dry	10	06/20/22 13:03	EPA 6020B	
Selenium	ND		3.05	mg/kg dry	10	06/20/22 13:03	EPA 6020B	
Silver	ND		0.611	mg/kg dry	10	06/20/22 13:03	EPA 6020B	
SOIL-COMP-TANK (A2F0586-02)				Matrix: Soi	I			
Batch: 22F0662								
Arsenic	1.31		1.13	mg/kg dry	10	06/20/22 13:08	EPA 6020B	
Barium	68.6		1.13	mg/kg dry	10	06/20/22 13:08	EPA 6020B	
Cadmium	ND		0.225	mg/kg dry	10	06/20/22 13:08	EPA 6020B	
Chromium	19.1		1.13	mg/kg dry	10	06/20/22 13:08	EPA 6020B	
Lead	7.69		0.225	mg/kg dry	10	06/20/22 13:08	EPA 6020B	
Mercury	ND		0.0902	mg/kg dry	10	06/20/22 13:08	EPA 6020B	
Selenium	ND		1.13	mg/kg dry	10	06/20/22 13:08	EPA 6020B	
Silver	ND		0.225	mg/kg dry	10	06/20/22 13:08	EPA 6020B	

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 06 22 22 1623

# ANALYTICAL SAMPLE RESULTS

		Pe	ercent Dry W	eight				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SED-COMP-BASE 1 (A2F0586-01)				Matrix: So	il	Batch:	22F0715	
% Solids	33.2		1.00	%	1	06/21/22 09:29	EPA 8000D	
SOIL-COMP-TANK (A2F0586-02)				Matrix: So	22F0715			
% Solids	93.8		1.00	%	1	06/21/22 09:29	EPA 8000D	

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Units Dilution % REC RPD Limit Limit Amount Result Limits Limit Notes Batch 22F0631 - EPA 5035A Soil Blank (22F0631-BLK1) Prepared: 06/17/22 08:00 Analyzed: 06/17/22 10:49 5035A/8260D ND 667 ug/kg wet 50 ICV-02 Acetone ND 66.7 50 Acrylonitrile ug/kg wet Benzene ND 6.67 ug/kg wet 50 Bromobenzene ND 16.7 ug/kg wet 50 Bromochloromethane ND 33.3 ug/kg wet 50 Bromodichloromethane ND 33.3 ug/kg wet 50 Bromoform ND ug/kg wet 50 66.7 Bromomethane ND 333 ug/kg wet 50 2-Butanone (MEK) ND 333 ug/kg wet 50 n-Butylbenzene ND 33.3 50 ug/kg wet sec-Butylbenzene ND 33.3 ug/kg wet 50 33.3 tert-Butylbenzene ND 50 ug/kg wet ---Carbon disulfide ND 333 ug/kg wet 50 Carbon tetrachloride ND 50 33.3 ug/kg wet Chlorobenzene ND 16.7 ug/kg wet 50 Chloroethane ND 333 ug/kg wet 50 ---Chloroform ND 33.3 ug/kg wet 50 167 Chloromethane ND ug/kg wet 50 2-Chlorotoluene ND 33.3 ug/kg wet 50 4-Chlorotoluene ND 33.3 ug/kg wet 50 Dibromochloromethane ND 66.7 ug/kg wet 50 1,2-Dibromo-3-chloropropane ND 167 ug/kg wet 50 1,2-Dibromoethane (EDB) ND 33.3 ug/kg wet 50 ug/kg wet Dibromomethane ND 33.3 50 1,2-Dichlorobenzene ND 16.7 ug/kg wet 50 1,3-Dichlorobenzene ND 16.7 ug/kg wet 50 1,4-Dichlorobenzene ND 16.7 ug/kg wet 50 Dichlorodifluoromethane ND 66.7 ug/kg wet 50 ---ND 1,1-Dichloroethane 16.7 ug/kg wet 50 ug/kg wet 1,2-Dichloroethane (EDC) ND 16.7 50 1,1-Dichloroethene ND 50 16.7 ug/kg wet cis-1,2-Dichloroethene ND 16.7 ug/kg wet 50 16.7 trans-1,2-Dichloroethene ND ug/kg wet 50

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Philip Nerenberg, Lab Director

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

# **Volatile Organic Compounds by EPA 8260D**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0631 - EPA 5035A							Soil					
Blank (22F0631-BLK1)			Prepared	: 06/17/22 08	8:00 Ana	yzed: 06/17/	/22 10:49					
1,2-Dichloropropane	ND		16.7	ug/kg wet	t 50							
1,3-Dichloropropane	ND		33.3	ug/kg wet	t 50							
2,2-Dichloropropane	ND		33.3	ug/kg wet	t 50							
1,1-Dichloropropene	ND		33.3	ug/kg wet	t 50							
cis-1,3-Dichloropropene	ND		33.3	ug/kg wet	t 50							
rans-1,3-Dichloropropene	ND		33.3	ug/kg wet	t 50							
Ethylbenzene	ND		16.7	ug/kg wet	t 50							
Hexachlorobutadiene	ND		66.7	ug/kg wet	t 50							
2-Hexanone	ND		333	ug/kg wet	t 50							
Isopropylbenzene	ND		33.3	ug/kg wet	t 50							
4-Isopropyltoluene	ND		33.3	ug/kg wet	t 50							
Methylene chloride	ND		333	ug/kg wet								
4-Methyl-2-pentanone (MiBK)	ND		333	ug/kg wet								
Methyl tert-butyl ether (MTBE)	ND		33.3	ug/kg wet	t 50							
Naphthalene	ND		66.7	ug/kg wet	t 50							
n-Propylbenzene	ND		16.7	ug/kg wet	t 50							
Styrene	ND		33.3	ug/kg wet	t 50							
1,1,1,2-Tetrachloroethane	ND		16.7	ug/kg wet								
1,1,2,2-Tetrachloroethane	ND		33.3	ug/kg wet								
Γetrachloroethene (PCE)	ND		16.7	ug/kg wet								
Гoluene	ND		33.3	ug/kg wet								
1,2,3-Trichlorobenzene	ND		167	ug/kg wet								
1,2,4-Trichlorobenzene	ND		167	ug/kg wet								
1,1,1-Trichloroethane	ND		16.7	ug/kg wet								
1,1,2-Trichloroethane	ND		16.7	ug/kg wet								
Γrichloroethene (TCE)	ND		16.7	ug/kg wet								
Trichlorofluoromethane	ND		66.7	ug/kg wet								
,2,3-Trichloropropane	ND		33.3	ug/kg wet								
,2,4-Trimethylbenzene	ND		33.3	ug/kg wet								
,3,5-Trimethylbenzene	ND		33.3	ug/kg wet								
Vinyl chloride	ND		16.7	ug/kg wet								
n,p-Xylene	ND		33.3	ug/kg wet								
o-Xylene	ND		16.7	ug/kg wet								

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

		•	Volatile Or	ganic Con	npounds	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0631 - EPA 5035A							Soi	il				
Blank (22F0631-BLK1)			Prepared	1: 06/17/22 0	8:00 Ana	lyzed: 06/17	//22 10:49					
Surr: Toluene-d8 (Surr)		Recov	very: 102 %	Limits: 80-	120 %	Dili	ution: 1x					
4-Bromofluorobenzene (Surr)			98 %	79-	120 %		"					
LCS (22F0631-BS1)			Prepared	l: 06/17/22 0	8:00 Ana	lyzed: 06/17	//22 09:47					
5035A/8260D												
Acetone	1640		1000	ug/kg we	t 50	2000		82	80-120%			ICV-0
Acrylonitrile	976		100	ug/kg we	t 50	1000		98	80-120%			
Benzene	992		10.0	ug/kg we	t 50	1000		99	80-120%			
Bromobenzene	995		25.0	ug/kg we	t 50	1000		100	80-120%			
Bromochloromethane	1020		50.0	ug/kg we	t 50	1000		102	80-120%			
Bromodichloromethane	1110		50.0	ug/kg we	t 50	1000		111	80-120%			
Bromoform	887		100	ug/kg we	t 50	1000		89	80-120%			
Bromomethane	1170		500	ug/kg we	t 50	1000		117	80-120%			
2-Butanone (MEK)	1790		500	ug/kg we	t 50	2000		90	80-120%			
n-Butylbenzene	1070		50.0	ug/kg we	t 50	1000		107	80-120%			
sec-Butylbenzene	1030		50.0	ug/kg we	t 50	1000		103	80-120%			
tert-Butylbenzene	971		50.0	ug/kg we	t 50	1000		97	80-120%			
Carbon disulfide	825		500	ug/kg we	t 50	1000		82	80-120%			
Carbon tetrachloride	1100		50.0	ug/kg we	t 50	1000		110	80-120%			
Chlorobenzene	954		25.0	ug/kg we	t 50	1000		95	80-120%			
Chloroethane	1270		500	ug/kg we	t 50	1000		127	80-120%			Q-5
Chloroform	1000		50.0	ug/kg we	t 50	1000		100	80-120%			
Chloromethane	920		250	ug/kg we	t 50	1000		92	80-120%			
2-Chlorotoluene	1030		50.0	ug/kg we	t 50	1000		103	80-120%			
4-Chlorotoluene	1030		50.0	ug/kg we	t 50	1000		103	80-120%			
Dibromochloromethane	932		100	ug/kg we		1000		93	80-120%			
1,2-Dibromo-3-chloropropane	833		250	ug/kg we		1000		83	80-120%			
1,2-Dibromoethane (EDB)	1060		50.0	ug/kg we	t 50	1000		106	80-120%			
Dibromomethane	1020		50.0	ug/kg we		1000		102	80-120%			
1,2-Dichlorobenzene	1000		25.0	ug/kg we		1000		100	80-120%			
1,3-Dichlorobenzene	1000		25.0	ug/kg we		1000		100	80-120%			
1,4-Dichlorobenzene	952		25.0	ug/kg we		1000		95	80-120%			
Dichlorodifluoromethane	992		100	ug/kg we		1000		99	80-120%			
1,1-Dichloroethane	990		25.0	ug/kg we		1000		99	80-120%			

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

# Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0631 - EPA 5035A							Soi	il				
LCS (22F0631-BS1)			Prepared	: 06/17/22 08	3:00 Ana	lyzed: 06/17/	/22 09:47					
1,2-Dichloroethane (EDC)	1010		25.0	ug/kg wet	50	1000		101	80-120%			
1,1-Dichloroethene	1030		25.0	ug/kg wet	50	1000		103	80-120%			
cis-1,2-Dichloroethene	1010		25.0	ug/kg wet	50	1000		101	80-120%			
trans-1,2-Dichloroethene	976		25.0	ug/kg wet	50	1000		98	80-120%			
1,2-Dichloropropane	1010		25.0	ug/kg wet	50	1000		101	80-120%			
1,3-Dichloropropane	1030		50.0	ug/kg wet	50	1000		103	80-120%			
2,2-Dichloropropane	1080		50.0	ug/kg wet	50	1000		108	80-120%			
1,1-Dichloropropene	1010		50.0	ug/kg wet	50	1000		101	80-120%			
cis-1,3-Dichloropropene	1150		50.0	ug/kg wet	50	1000		115	80-120%			
trans-1,3-Dichloropropene	995		50.0	ug/kg wet	50	1000		100	80-120%			
Ethylbenzene	990		25.0	ug/kg wet	50	1000		99	80-120%			
Hexachlorobutadiene	976		100	ug/kg wet	50	1000		98	80-120%			
2-Hexanone	1640		500	ug/kg wet	50	2000		82	80-120%			
Isopropylbenzene	1010		50.0	ug/kg wet	50	1000		101	80-120%			
4-Isopropyltoluene	1050		50.0	ug/kg wet	50	1000		105	80-120%			
Methylene chloride	938		500	ug/kg wet		1000		94	80-120%			
4-Methyl-2-pentanone (MiBK)	2100		500	ug/kg wet		2000		105	80-120%			
Methyl tert-butyl ether (MTBE)	987		50.0	ug/kg wet		1000		99	80-120%			
Naphthalene	1060		100	ug/kg wet		1000		106	80-120%			
n-Propylbenzene	1040		25.0	ug/kg wet		1000		104	80-120%			
Styrene	1040		50.0	ug/kg wet		1000		104	80-120%			
1,1,2-Tetrachloroethane	946		25.0	ug/kg wet		1000		95	80-120%			
1,1,2,2-Tetrachloroethane	968		50.0	ug/kg wet		1000		97	80-120%			
Tetrachloroethene (PCE)	949		25.0	ug/kg wet		1000		95	80-120%			
Toluene	958		50.0	ug/kg wet		1000		96	80-120%			
1,2,3-Trichlorobenzene	999		250	ug/kg wet		1000		100	80-120%			
1,2,4-Trichlorobenzene	1010		250	ug/kg wet		1000		101	80-120%			
1,1,1-Trichloroethane	1010		25.0	ug/kg wet		1000		101	80-120%			
1,1,2-Trichloroethane	1050		25.0	ug/kg wet		1000		105	80-120%			
Trichloroethene (TCE)	1020		25.0	ug/kg wet		1000		102	80-120%			
Trichlorofluoromethane	1180		100	ug/kg wet		1000		118	80-120%			
1,2,3-Trichloropropane	1040		50.0	ug/kg wet		1000		104	80-120%			
1,2,4-Trimethylbenzene	1040		50.0	ug/kg wet		1000		104	80-120%			
1,3,5-Trimethylbenzene	1040		50.0	ug/kg wet		1000		104	80-120%			

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Con	npounds	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0631 - EPA 5035A							So	il				
LCS (22F0631-BS1)			Prepared	1: 06/17/22 0	8:00 Ana	lyzed: 06/17	/22 09:47					
Vinyl chloride	1150		25.0	ug/kg we	t 50	1000		115	80-120%			
m,p-Xylene	1980		50.0	ug/kg we	t 50	2000		99	80-120%			
o-Xylene	988		25.0	ug/kg we	t 50	1000		99	80-120%			
Surr: 1,4-Difluorobenzene (Surr)		Reco	very: 100 %	Limits: 80-	120 %	Dilt	ution: 1x					
Toluene-d8 (Surr)			101 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			97 %	79-	120 %		"					
Duplicate (22F0631-DUP1)			Prepared	1: 06/16/22 0	7:45 Ana	lyzed: 06/17	/22 13:03					
OC Source Sample: SED-COMP-	BASE 1 (A2	2F0586-01)										
5035A/8260D	ND		8410	110/lea 4	50		ND				30%	ICV-0
Acetone				ug/kg dry								IC V-(
Acrylonitrile Benzene	ND ND		841 84.1	ug/kg dry			ND ND				30% 30%	
			210	ug/kg dry								
Bromobenzene Bromochloromethane	ND ND		421	ug/kg dry			ND ND				30% 30%	
Bromodichloromethane	ND ND		421	ug/kg dry			ND				30%	
Bromoform			841	ug/kg dry							30%	
Bromomethane	ND ND		4210	ug/kg dry			ND ND				30%	
			4210	ug/kg dry			ND ND				30%	
2-Butanone (MEK) n-Butylbenzene	ND ND		4210	ug/kg dry ug/kg dry			ND ND				30%	
•	ND ND		421				ND				30%	
sec-Butylbenzene tert-Butylbenzene	ND ND		421	ug/kg dry			ND ND				30%	
Carbon disulfide	ND ND		4210	ug/kg dry ug/kg dry			ND ND				30%	
Carbon disuifide Carbon tetrachloride	ND ND		4210				ND ND				30%	
Chlorobenzene	ND ND		210	ug/kg dry			ND ND				30%	
Chloroethane	ND ND		4210	ug/kg dry			ND ND				30%	
Chloroform			4210	ug/kg dry			ND				30%	
Chloromethane	ND ND		2100	ug/kg dry ug/kg dry			ND ND				30%	
2-Chlorotoluene	ND ND		421				ND ND				30%	
4-Chlorotoluene	ND ND		421	ug/kg dry			ND ND				30%	
Dibromochloromethane				ug/kg dry			ND ND					
	ND		841 2100	ug/kg dry							30%	
1,2-Dibromo-3-chloropropane	ND			ug/kg dry			ND				30%	
1,2-Dibromoethane (EDB)	ND		421	ug/kg dry			ND				30%	
Dibromomethane	ND		421	ug/kg dry	50		ND				30%	

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway Street Project Number: M0496.02 Report ID:
Portland, OR 97232 Project Manager: Jacob Faust A2F0586 - 06 22 22 1623

#### **QUALITY CONTROL (QC) SAMPLE RESULTS**

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Units Dilution % REC RPD Limit Limit Amount Result Limits Limit Notes Batch 22F0631 - EPA 5035A Soil Duplicate (22F0631-DUP1) Prepared: 06/16/22 07:45 Analyzed: 06/17/22 13:03 QC Source Sample: SED-COMP-BASE 1 (A2F0586-01) 1,2-Dichlorobenzene ND 210 50 ND 30% ug/kg dry ND 210 1,3-Dichlorobenzene ug/kg dry 50 ND 30% 1,4-Dichlorobenzene ND 210 ug/kg dry 50 ND 30% Dichlorodifluoromethane ND 841 ug/kg dry 50 ND 30% 1,1-Dichloroethane ND 210 50 ND 30% ug/kg dry ------1,2-Dichloroethane (EDC) ND 210 ug/kg dry 50 ND 30% 1,1-Dichloroethene ND 210 50 ND 30% ug/kg dry 30% cis-1,2-Dichloroethene ND 210 ug/kg dry 50 ND trans-1,2-Dichloroethene ND 210 ug/kg dry 50 ND 30% 1,2-Dichloropropane ND 210 ug/kg dry 50 ND 30% 1,3-Dichloropropane ND 42.1 ug/kg dry 50 ND 30% ND 421 30% 2,2-Dichloropropane ug/kg dry 50 ND 1,1-Dichloropropene ND 421 ug/kg dry 50 ND 30% ND 421 30% cis-1,3-Dichloropropene ug/kg dry 50 ND 421 trans-1,3-Dichloropropene ND ug/kg dry 50 ND 30% Ethylbenzene ND 210 ug/kg dry 50 ND \_\_\_ 30% Hexachlorobutadiene ND 841 ug/kg dry 50 ND 30% ND 4210 30% 2-Hexanone 50 ND ug/kg dry Isopropylbenzene ND 421 ug/kg dry 50 ND 30% ND 421 50 ND 30% 4-Isopropyltoluene ug/kg dry Methylene chloride ND 4210 ug/kg dry 50 ND 30% 4-Methyl-2-pentanone (MiBK) ND ---4210 ug/kg dry 50 ND ---30% Methyl tert-butyl ether (MTBE) ND 421 ug/kg dry 50 ND 30% Naphthalene 841 30% ND ug/kg dry 50 ND ND 210 30% n-Propylbenzene ug/kg dry 50 ND ND 421 ND 30% Styrene ug/kg dry 50 1,1,1,2-Tetrachloroethane ND 210 ND 30% ug/kg dry 50 1,1,2,2-Tetrachloroethane ND 421 ug/kg dry 50 ND 30% Tetrachloroethene (PCE) ND 210 ug/kg dry 50 ND 30% Toluene ND 421 30% ug/kg dry 50 ND ---1,2,3-Trichlorobenzene ND 2100 ug/kg dry 50 ND 30% 2100 1,2,4-Trichlorobenzene ND 50 ND 30% ug/kg dry --ug/kg dry 1,1,1-Trichloroethane ND 210 50 ND 30%

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Philip Nerenberg, Lab Director

Page 16 of 31



# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Volatile Or	ganic Cor	npounds	by EPA 8	3260D					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0631 - EPA 5035A							Soi	I				
Duplicate (22F0631-DUP1)			Prepared	1: 06/16/22 0	7:45 Ana	lyzed: 06/17	/22 13:03					
QC Source Sample: SED-COMP-	BASE 1 (A2	F0586-01)										
1,1,2-Trichloroethane	ND		210	ug/kg dr	7 50		ND				30%	
Trichloroethene (TCE)	ND		210	ug/kg dr	7 50		ND				30%	
Trichlorofluoromethane	ND		841	ug/kg dr	50		ND				30%	
1,2,3-Trichloropropane	ND		421	ug/kg dr	50		ND				30%	
1,2,4-Trimethylbenzene	ND		421	ug/kg dr	7 50		ND				30%	
1,3,5-Trimethylbenzene	ND		421	ug/kg dr	50		ND				30%	
Vinyl chloride	ND		210	ug/kg dr	50		ND				30%	
m,p-Xylene	ND		421	ug/kg dr	50		ND				30%	
o-Xylene	ND		210	ug/kg dr	50		ND				30%	
Surr: 1,4-Difluorobenzene (Surr)		Rec	overy: 98 %	Limits: 80-	120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			101 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			98 %	79-	120 %		"					
Matrix Spike (22F0631-MS1)  QC Source Sample: DS-01-SOIL	(A2F0586-08	<u>8)</u>	Prepared	1: 06/16/22 1	2:45 Ana	lyzed: 06/17	//22 18:27					
5035A/8260D												
Acetone	2290		1600	ug/kg dr		3200	ND	72	36-164%			ICV-
Acrylonitrile	1620		160	ug/kg dr	7 50	1600	ND	101	65-134%			
Benzene	1720		16.0	ug/kg dr		1600	ND	108	77-121%			
Bromobenzene	1680		40.1	ug/kg dr	7 50	1600	ND	105	78-121%			
Bromochloromethane	1700		80.2	ug/kg dr	7 50	1600	ND	106	78-125%			
Bromodichloromethane	1790		80.2	ug/kg dr	7 50	1600	ND	112	75-127%			
Bromoform	1380		160	ug/kg dr	7 50	1600	ND	86	67-132%			
Bromomethane	2040		802	ug/kg dr	7 50	1600	ND	127	53-143%			
2-Butanone (MEK)	2690		802	ug/kg dr	50	3200	ND	84	51-148%			
n-Butylbenzene	1870		80.2	ug/kg dr	7 50	1600	ND	117	70-128%			
	1020		80.2	ug/kg dr	50	1600	ND	114	73-126%			
sec-Butylbenzene	1830				50	1.000	ND	107	73-125%			
	1720		80.2	ug/kg dr	7 50	1600	ND					
tert-Butylbenzene			80.2 802	ug/kg dr ug/kg dr		1600	ND	86	63-132%			
tert-Butylbenzene Carbon disulfide	1720				50							
tert-Butylbenzene Carbon disulfide Carbon tetrachloride	1720 1380		802	ug/kg dr	50 50	1600	ND	86	63-132%			
sec-Butylbenzene tert-Butylbenzene Carbon disulfide Carbon tetrachloride Chlorobenzene Chloroethane	1720 1380 1850		802 80.2	ug/kg dr ug/kg dr	50 50 50 50	1600 1600	ND ND	86 116	63-132% 70-135%			Q

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

#### **QUALITY CONTROL (QC) SAMPLE RESULTS**

#### Volatile Organic Compounds by EPA 8260D % REC RPD Detection Reporting Spike Source Analyte Result Limit Units Dilution % REC RPD Limit Amount Result Limits Limit Notes Batch 22F0631 - EPA 5035A Soil Matrix Spike (22F0631-MS1) Prepared: 06/16/22 12:45 Analyzed: 06/17/22 18:27 QC Source Sample: DS-01-SOIL (A2F0586-08) Chloromethane 1670 401 ug/kg dry 50 1600 ND 104 50-136% 80.2 1600 2-Chlorotoluene 1770 ug/kg dry 50 ND 110 75-122% 4-Chlorotoluene 1760 80.2 ug/kg dry 50 1600 ND 110 72-124% Dibromochloromethane 1500 160 ug/kg dry 50 1600 ND 94 74-126% 1,2-Dibromo-3-chloropropane 1310 401 ug/kg dry 50 1600 ND 82 61-132% 80.2 1600 1,2-Dibromoethane (EDB) 1770 ug/kg dry 50 ND 111 78-122% ug/kg dry Dibromomethane 1670 80.2 50 1600 ND 104 78-125% 40.1 1600 ND 105 1,2-Dichlorobenzene 1680 ug/kg dry 50 78-121% 1,3-Dichlorobenzene 1700 40.1 ug/kg dry 50 1600 ND 106 77-121% 1,4-Dichlorobenzene 1600 40.1 ug/kg dry 50 1600 ND 100 75-120% Dichlorodifluoromethane 1800 160 ug/kg dry 50 1600 ND 112 29-149% 1,1-Dichloroethane 40.1 50 1600 ND 76-125% 1700 ug/kg dry 106 1600 1,2-Dichloroethane (EDC) 1700 40.1 ug/kg dry 50 ND 106 73-128% 1600 1,1-Dichloroethene 40.1 ND 1810 ug/kg dry 50 113 70-131% 40.1 cis-1,2-Dichloroethene 1710 ug/kg dry 50 1600 ND 107 77-123% trans-1,2-Dichloroethene 1690 40.1 ug/kg dry 50 1600 ND 106 74-125% \_\_\_ 1,2-Dichloropropane 1700 40.1 ug/kg dry 50 1600 ND 106 76-123% 1750 80.2 1600 ND 109 77-121% 1,3-Dichloropropane 50 ug/kg dry 1600 ND 67-133% 2,2-Dichloropropane 1580 80.2 ug/kg dry 50 99 80.2 1600 1,1-Dichloropropene 50 ND 112 76-125% 1800 ug/kg dry 80.2 1600 ND 74-126% cis-1,3-Dichloropropene 1850 ug/kg dry 50 115 trans-1,3-Dichloropropene 1590 ---80.2 ug/kg dry 50 1600 ND 99 71-130% Ethylbenzene 1740 40.1 ug/kg dry 50 1600 ND 109 76-122% 160 1600 ND 108 Hexachlorobutadiene 1720 ug/kg dry 50 61-135% 802 3200 53-145% 2-Hexanone 2690 ug/kg dry 50 ND 84 80.2 1600 1760 ND 110 68-134% Isopropylbenzene ug/kg dry 50 1830 80.2 1600 ND 73-127% 4-Isopropyltoluene ug/kg dry 50 114 1600 Methylene chloride 1550 802 ug/kg dry 50 ND 97 70-128% 4-Methyl-2-pentanone (MiBK) 3500 802 ug/kg dry 50 3200 ND 109 65-135% Methyl tert-butyl ether (MTBE) 1590 80.2 1600 ND 99 73-125% ug/kg dry 50 Naphthalene 1720 160 ug/kg dry 50 1600 ND 107 62-129% 40.1 1600 ND n-Propylbenzene 1850 50 115 73-125% ug/kg dry ------Styrene 1780 80.2 ug/kg dry 50 1600 ND 111 76-124%

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Volatile Organic Compounds by EPA 8260D Detection % REC RPD Reporting Spike Source Analyte Result Limit Units Dilution Result % REC RPD Limit Amount Limits Limit Notes Batch 22F0631 - EPA 5035A Soil Matrix Spike (22F0631-MS1) Prepared: 06/16/22 12:45 Analyzed: 06/17/22 18:27 QC Source Sample: DS-01-SOIL (A2F0586-08) 1,1,1,2-Tetrachloroethane 1580 40.1 ug/kg dry 50 1600 ND 99 78-125% 80.2 1600 1,1,2,2-Tetrachloroethane 1640 ug/kg dry 50 ND 102 70-124% 1600 Tetrachloroethene (PCE) 1700 40.1 ug/kg dry 50 ND 106 73-128% Toluene 1680 80.2 ug/kg dry 50 1600 ND 105 77-121% 1,2,3-Trichlorobenzene 1670 401 ug/kg dry 50 1600 ND 104 66-130% 1,2,4-Trichlorobenzene 401 1600 1680 ug/kg dry 50 ND 105 67-129% 1,1,1-Trichloroethane 1750 40.1 ug/kg dry 50 1600 ND 109 73-130% 1,1,2-Trichloroethane 40.1 1600 109 1750 ug/kg dry 50 ND 78-121% Trichloroethene (TCE) 1780 40.1 ug/kg dry 50 1600 ND 111 77-123% O-01 Trichlorofluoromethane 2290 160 ug/kg dry 50 1600 ND 143 62-140% 1,2,3-Trichloropropane 1760 80.2 ug/kg dry 50 1600 ND 110 73-125% 80.2 1,2,4-Trimethylbenzene 50 1600 ND 75-123% 1780 ug/kg dry 111 1600 1,3,5-Trimethylbenzene 1810 80.2 ug/kg dry 50 ND 113 73-124% 1600 Vinyl chloride 40.1 ND 2110 ug/kg dry 50 132 56-135% 80.2 m,p-Xylene 3490 ug/kg dry 50 3200 ND 109 77-124% o-Xylene 1710 ---40.1 ug/kg dry 50 1600 ND 107 77-123% ---Surr: 1,4-Difluorobenzene (Surr) 99 % Recovery: Limits: 80-120 % Dilution: 1x Toluene-d8 (Surr) 101 % 80-120 % 97% 79-120 % 4-Bromofluorobenzene (Surr)

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

			Polychlor	rinated Bi <sub>l</sub>	ohenyls I	by EPA 80	082A						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	No	ites
Batch 22F0645 - EPA 3546							Soi	il					
Blank (22F0645-BLK1)			Prepared	d: 06/17/22 0	9:33 Anal	yzed: 06/20	0/22 08:39						C-07
EPA 8082A													
Aroclor 1016	ND		9.09	ug/kg we	t 1								
Aroclor 1221	ND		9.09	ug/kg we	t 1								
Aroclor 1232	ND		9.09	ug/kg we	t 1								
Aroclor 1242	ND		9.09	ug/kg we	t 1								
Aroclor 1248	ND		9.09	ug/kg we	t 1								
Aroclor 1254	ND		9.09	ug/kg we	t 1								
Aroclor 1260	ND		9.09	ug/kg we	t 1								
Surr: Decachlorobiphenyl (Surr)		Reco	overy: 87 %	Limits: 60-	125 %	Dil	ution: 1x						
LCS (22F0645-BS1)			Prepared	d: 06/17/22 0	9:33 Anal	yzed: 06/20	0/22 08:57						C-07
EPA 8082A													
Aroclor 1016	196		10.0	ug/kg we	t 1	250		78	47-134%				
Aroclor 1260	213		10.0	ug/kg we	t 1	250		85	53-140%				
Surr: Decachlorobiphenyl (Surr)		Reco	overy: 86 %	Limits: 60-	125 %	Dil	ution: 1x						
Duplicate (22F0645-DUP1)			Prepared	d: 06/17/22 0	9:33 Anal	yzed: 06/20	0/22 09:50					C-07,	, Q-04
QC Source Sample: SED-COMP- EPA 8082A	BASE 1 (A2	2F0586-01)											
Aroclor 1016	ND		29.3	ug/kg dry	, 1		ND				30%		
Aroclor 1221	ND		29.3	ug/kg dry			ND				30%		
Aroclor 1232	ND		29.3	ug/kg dry			ND				30%		
Aroclor 1242	ND		29.3	ug/kg dry			ND				30%		
Aroclor 1248	ND		29.3	ug/kg dry			ND				30%		
Aroclor 1254	434		29.3	ug/kg dry			56.4			154	30%		Q-17
Aroclor 1260	ND		29.3	ug/kg dry			ND				30%		
Surr: Decachlorobiphenyl (Surr)		Reco	overy: 42 %	Limits: 60-		Dil	ution: 1x					S-03	
Matrix Spike (22F0645-MS1)			Prepared	d: 06/17/22 0	9:33 Anal	vzed: 06/20	0/22 11:37						C-07
OC Source Sample: DS-01-SOIL EPA 8082A	(A2F0586-0	8)	1				- /						
Aroclor 1016	249		11.9	ug/kg dry	, 1	299	ND	84	47-134%				
				55	•		-	-					

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Polychlorinated Biphenyls by EPA 8082A Detection Reporting Spike Source % REC **RPD** % REC Analyte Result Ĺimit Units Dilution Amount Result Limits RPD Limit Limit Notes Batch 22F0645 - EPA 3546 Soil Matrix Spike (22F0645-MS1) Prepared: 06/17/22 09:33 Analyzed: 06/20/22 11:37 C-07 QC Source Sample: DS-01-SOIL (A2F0586-08) Dilution: 1x Surr: Decachlorobiphenyl (Surr) Recovery: 91% Limits: 60-125 %

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0662 - EPA 3051A							Soi	il				
Blank (22F0662-BLK1)			Prepared	: 06/17/22 1	1:29 Anal	yzed: 06/20	/22 12:00					
EPA 6020B												
Arsenic	ND		0.962	mg/kg we	et 10							
Barium	ND		0.962	mg/kg we	et 10							
Cadmium	ND		0.192	mg/kg we	et 10							
Chromium	ND		0.962	mg/kg we	et 10							
Lead	ND		0.192	mg/kg we	et 10							
Mercury	ND		0.0769	mg/kg we	et 10							
Selenium	ND		0.962	mg/kg we	et 10							
Silver	ND		0.192	mg/kg we	et 10							
LCS (22F0662-BS1)			Prepared	: 06/17/22 1	1:29 Anal	yzed: 06/20	/22 12:10					
EPA 6020B												
Arsenic	46.8		1.00	mg/kg we	et 10	50.0		94	80-120%			
Barium	47.3		1.00	mg/kg we	et 10	50.0		95	80-120%			
Cadmium	48.0		0.200	mg/kg we	et 10	50.0		96	80-120%			
Chromium	46.1		1.00	mg/kg we	et 10	50.0		92	80-120%			
Lead	49.4		0.200	mg/kg we	et 10	50.0		99	80-120%			
Mercury	0.979		0.0800	mg/kg we	et 10	1.00		98	80-120%			
Selenium	23.7		1.00	mg/kg we	et 10	25.0		95	80-120%			
Silver	25.2		0.200	mg/kg we	et 10	25.0		101	80-120%			
Duplicate (22F0662-DUP1)			Prepared	: 06/17/22 1	1:29 Anal	yzed: 06/20	/22 12:20					
QC Source Sample: Non-SDG (A2	E0465-02)											
Arsenic	1.48		1.28	mg/kg dr	y 10		1.96			28	20%	Q-(
Barium	41.6		1.28	mg/kg dr			52.5			23	20%	Q-(
Cadmium	ND		0.256	mg/kg dr			ND				20%	
Chromium	7.35		1.28	mg/kg dr	y 10		11.1			41	20%	Q-(
Lead	8.16		0.256	mg/kg dr			8.91			9	20%	
Mercury	ND		0.102	mg/kg dr			ND				20%	
Selenium	ND		1.28	mg/kg dr	-		ND				20%	
Silver	ND		0.256	mg/kg dr			ND				20%	

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# Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

#### Total Metals by EPA 6020B (ICPMS) Detection Reporting Spike Source % REC **RPD** Analyte Result Limit Units Dilution Result % REC Limits RPD Limit Amount Limit Notes Batch 22F0662 - EPA 3051A Soil Matrix Spike (22F0662-MS1) Prepared: 06/17/22 11:29 Analyzed: 06/20/22 12:24 QC Source Sample: Non-SDG (A2E0465-02) EPA 6020B 1.96 93 59.6 1.24 mg/kg dry 10 61.9 75-125% Arsenic Barium 107 1.24 mg/kg dry 10 61.9 52.5 88 75-125% Cadmium 59.5 0.247 75-125% mg/kg dry 10 61.9 ND 96 Chromium 67.7 1.24 mg/kg dry 10 61.9 11.1 92 75-125% Lead 70.6 0.247 61.9 mg/kg dry 10 8.91 100 75-125% 1.26 0.0990mg/kg dry 10 1.24 ND 102 75-125% Mercury 28.8 30.9 Selenium 1.24 10 ND 93 75-125% mg/kg dry ---Silver 32.3 ---0.247 mg/kg dry 10 30.9 ND 104 75-125%

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC.

3140 NE Broadway Street Project Number: M0496.02
Portland, OR 97232 Project Manager: Jacob Faust

Report ID: A2F0586 - 06 22 22 1623

# QUALITY CONTROL (QC) SAMPLE RESULTS

Project:

**Blue Heron Paper Mill** 

				Percent	t Dry Weig	jht						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22F0715 - Total Solids (	Dry Weigl	ht)					Soi	I				
Duplicate (22F0715-DUP1)			Prepared	: 06/20/22	14:21 Anal	yzed: 06/21/	22 09:29					PRO
QC Source Sample: Non-SDG (A2	2F0431-02)											
% Solids	96.7		1.00	%	1		96.7			0.04	10%	
Duplicate (22F0715-DUP2)			Prepared	: 06/20/22	14:21 Anal	yzed: 06/21/	22 09:29					PRO
QC Source Sample: Non-SDG (A2	2F0431-04)											
% Solids	97.0		1.00	%	1		97.0			0.05	10%	
Duplicate (22F0715-DUP3)			Prepared	: 06/20/22	14:21 Anal	yzed: 06/21/	22 09:29					PRO
QC Source Sample: Non-SDG (A2	2F0431-06)											
% Solids	97.0		1.00	%	1		97.1			0.06	10%	
Duplicate (22F0715-DUP4)			Prepared	: 06/20/22	14:21 Anal	yzed: 06/21/	22 09:29					
QC Source Sample: Non-SDG (A2	F0566-01)											
% Solids	83.2		1.00	%	1		82.8			0.4	10%	
Duplicate (22F0715-DUP5)			Prepared	: 06/20/22	19:12 Anal	yzed: 06/21/	22 09:29					
QC Source Sample: Non-SDG (A2	2F0667-01)											
% Solids	80.7		1.00	%	1		78.1			3	10%	
Duplicate (22F0715-DUP6)			Prepared	: 06/20/22	19:12 Anal	yzed: 06/21/	22 09:29					
QC Source Sample: Non-SDG (A2												
% Solids	79.4		1.00	%	1		78.4			1	10%	

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

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

NA

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

#### SAMPLE PREPARATION INFORMATION

		Volatile	Organic Compounds	by EPA 8260D			
Prep: EPA 5035A	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep
Batch: 22F0631	Matrix	Withou	Sampled	Trepared			
A2F0586-01	Soil	5035A/8260D	06/16/22 07:45	06/16/22 07:45	2.35g/5mL	5g/5mL	2.13
A2F0586-02	Soil	5035A/8260D	06/16/22 11:20	06/16/22 11:20	5.48g/5mL	5g/5mL	0.91
		Polych	llorinated Biphenyls l	by EPA 8082A			
Prep: EPA 3546					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F0645	a "1	ED. 0002.	0.6(1.6(00.05.45	0.6/4.7/22.00.22	101 /5 7	10 (5 7	0.00
A2F0586-01 A2F0586-02	Soil Soil	EPA 8082A EPA 8082A	06/16/22 07:45 06/16/22 11:20	06/17/22 09:33 06/17/22 09:33	10.1g/5mL 10.21g/5mL	10g/5mL 10g/5mL	0.99 0.98
		Tota	l Metals by EPA 602				
Prep: EPA 3051A		Tota	i Metals by LI A 002	OB (ICI WO)	Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F0662							
A2F0586-01	Soil	EPA 6020B	06/16/22 07:45	06/17/22 11:29	0.493g/50mL	0.5g/50mL	1.01
A2F0586-02	Soil	EPA 6020B	06/16/22 11:20	06/17/22 11:29	0.473g/50mL	0.5g/50mL	1.06
			Percent Dry We	ight			
Prep: Total Solids (Dr	y Weight)				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 22F0715							
A2F0586-01	Soil	EPA 8000D	06/16/22 07:45	06/20/22 14:21			NA

06/16/22 11:20

06/20/22 14:21

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A2F0586-02

Soil

EPA 8000D

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# **Apex Laboratories, LLC**

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number:
 M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager:
 Jacob Faust
 A2F0586 - 06 22 22 1623

# **QUALIFIER DEFINITIONS**

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

#### **Apex Laboratories**

C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
ICV-02	Estimated Result. Initial Calibration Verification (ICV) failed low.
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-17	RPD between original and duplicate sample is outside of established control limits.
Q-39	Results for sample duplicate are significantly higher than the sample results. See duplicate results in QC section of the report.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +7%. The results are reported as Estimated Values.
Q-56	Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260
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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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway Street Project Number: M0496.02 Report ID:
Portland, OR 97232 Project Manager: Jacob Faust A2F0586 - 06 22 22 1623

#### REPORTING NOTES AND CONVENTIONS:

#### **Abbreviations:**

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

#### **Detection Limits:** Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('----'), then the data has not been evaluated below the Reporting Limit.

#### Reporting Limits: Limit of Quantitation (LOQ)

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

#### **Reporting Conventions:**

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

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

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

See Percent Solids section for details of dry weight analysis.

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

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

#### **QC Source:**

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

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) 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).

# Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).

- -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.

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

#### **REPORTING NOTES AND CONVENTIONS (Cont.):**

#### Blanks (Cont.):

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

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

#### **Preparation Notes:**

#### Mixed Matrix Samples:

#### Water Samples:

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

#### Soil and Sediment Samples:

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

#### **Sampling and Preservation Notes:**

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

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

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

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

Apex Laboratories

Philip Nevenberg

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Philip Nerenberg, Lab Director

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#### Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

#### 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 <u>exception</u> 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 provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Philip Menberg

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Philip Nerenberg, Lab Director

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# **Apex Laboratories, LLC**

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Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

 3140 NE Broadway Street
 Project Number: M0496.02
 Report ID:

 Portland, OR 97232
 Project Manager: Jacob Faust
 A2F0586 - 06 22 22 1623

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Apex Laboratories

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Philip Nerenberg, Lab Director

Philip Nevenberg

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# **Apex Laboratories, LLC**

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ORELAP ID: OR100062

Maul Foster & Alongi, INC. Project: Blue Heron Paper Mill

3140 NE Broadway StreetProject Number:M0496.02Report ID:Portland, OR 97232Project Manager:Jacob FaustA2F0586 - 06 22 22 1623

4/1/5/1	
Client: /////	Element WO#: A2FOSV6
Project/Project #:	LUE HERON MILL MO496-02
Delivery Info:	
Date/time received: 6-16	6-22 @ 1308 By: DF
Delivered by: Apex	Client KESS FedEx UPS Swift Senvoy SDS Other
Cooler Inspection D	Date/time inspected: 6-16-22 @ 1309 By: DJS
Chain of Custody include	ed? Yes <u>&gt; No</u> Custody seals? Yes No <u></u>
Signed/dated by client?	Yes × No
Signed/dated by Apex?	Yes No
	Cooler #1 Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6 Cooler #7
Temperature (°C)	5.8
Received on ice? (Y/N)	Υ
Temp. blanks? (Y/N)	Υ
Ice type: (Gel/Real/Other	r) <u>Ral</u>
Condition:	61000
	No Comments:
All samples intact? Yes	
All samples intact? Yes general Bottle labels/COCs agree	e? Yes <u>×</u> No Comments:
All samples intact? Yes  Bottle labels/COCs agree  COC/container discrepan	
All samples intact? Yes Bottle labels/COCs agree	rcies form initiated? Yes No <u> No /u>
All samples intact? Yes Bottle labels/COCs agree COC/container discrepan Containers/volumes recei Do VOA vials have visib Comments	e? Yes \( \subseteq No _ Comments:
All samples intact? Yes  Bottle labels/COCs agree  COC/container discrepan Containers/volumes recei  Do VOA vials have visib Comments  Water samples: pH check	e? Yes $\times$ No _ Comments:
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All samples intact? Yes Bottle labels/COCs agree COC/container discrepan Containers/volumes recei Do VOA vials have visib Comments Water samples: pH check Comments:	e? Yes $\succeq$ No Comments:
All samples intact? Yes Bottle labels/COCs agree COC/container discrepan Containers/volumes recei Do VOA vials have visib Comments Water samples: pH check Comments:	e? Yes \( \subseteq No _ Comments:
All samples intact? Yes Bottle labels/COCs agree COC/container discrepan Containers/volumes recei Do VOA vials have visib Comments Water samples: pH check Comments: Additional information:	e? Yes $\times$ No _ Comments:

Apex Laboratories

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Philip Nerenberg, Lab Director

Philip Maenberg