

January 24, 2025

Emily Toffol
Site Manager
State of Washington Department of Ecology
Solid Waste Management Program, Industrial Section
300 Desmond Drive SE
Lacey, WA 98504

**Subject: Data Summary Report and Remedial Investigation Work Plan
Former Grays Harbor Pulp and Paper Mill
801 23rd Street
Hoquiam, Washington
Agreed Order No. DE 17992**

Dear Ms. Toffol:

Rayonier A.M. Properties, LLC (“RAMP”) has completed and is submitting the following two deliverables in accordance with Agreed Order No. DE 17992 (“Agreed Order”) for the Former Grays Harbor Pulp and Paper Mill, located at 801 23rd Street within an industrialized area of Hoquiam, Washington (“Site”):

1. *Data Summary Report* (DSR; Agreed Order Task 1), prepared on behalf of RAMP by EHS Support LLC (“EHS Support”) and dated January 2025
2. *Remedial Investigation Work Plan* (“Work Plan”; Agreed Order Task 2), prepared on behalf of RAMP by EHS Support and dated January 2025

Data Summary Report

The purpose of the DSR is to provide all parties with a comprehensive summary of past investigation activities and interim actions completed at the Site, which will support future remedial investigation (RI) activities. An understanding of the Site’s history will promote efficient collaboration between the Washington State Department of Ecology (“Ecology”) and RAMP as RI progresses. As outlined in Exhibit B of the Agreed Order, the DSR includes a general description of the Site; the Site’s history and conditions; past investigations and analytical results; analytical data in tabular and figure form; and preliminary conceptual hazardous substances sources, migration pathways, and ecological receptors.

The DSR does not present data from past investigations that have not been submitted to Ecology previously; it does provide a screening of existing data against current applicable Model Toxics Control Act criteria, as required in the Agreed Order. In summary, findings from the DSR include the following:

- The primary known sources of soil impacts at the Site have been remediated by interim actions.
- Soils in localized areas of select investigation areas may remain in exceedance of current applicable screening levels, based on evaluation of past analytical data.
- Groundwater conditions appear to be related to past soil conditions, with groundwater exceedances having decreased historically after soil excavation.



Remedial Investigation Work Plan

As discussed between Ecology and RAMP technical representatives on December 12, 2024, given the complexity and size of the Site, the Work Plan provides a framework of proposed RI activities based on the evaluation of past analytical data presented within the DSR. This framework will provide Ecology and RAMP with a structure to collaboratively discuss RI activities at the Site. As outlined in Exhibit B of the Agreed Order, the Work Plan provides an overall description and schedule of RI activities, the project management strategy for implementing and reporting on RI activities, and key personnel involved in coordinating and conducting the RI.

The RI approach for the Site includes conducting the RI in manageable phases aligned with the key areas identified in the Agreed Order, including:

- **Phase I:** Former Pulp and Paper Mill (industrial upland area; center of historical operations)
- **Phase II:** Rennie Island impoundments (industrial basins occasionally used for historical operations)
- **Phase III:** Hoquiam River and Grays Harbor (where the Site's history, the conceptual site model, and results of the Phase I and Phase II investigations indicate further investigation may be warranted)

The phased RI approach follows an inside-out strategy, allowing for more efficient project execution and the ability for each RI phase to inform the next and build an understanding of the overall Site. The Work Plan outlines this approach and describes the phased work plan addenda and reporting strategy.

As noted during the December 12 meeting, RAMP proposes to meet with Ecology within the next few weeks to provide Ecology with an overview of the documents, the phased RI approach and strategy, and next steps. We will follow up the week of January 27, 2025, to schedule this meeting.

In the meantime, should you have questions or comments, please do not hesitate to contact me (854-444-9637 or catharine.parker@ehs-support.com) or Warren Snyder (904-357-3768 or warren.snyder@ryam.com).

Sincerely,

Catharine Parker
Project Manager

Enclosures: *Data Summary Report*
Remedial Investigation Work Plan

cc (email copy): Warren Snyder
Greg Murphy
Tasya Gray
Rob Webb

Data Summary Report
Former Grays Harbor
Pulp and Paper Mill
Hoquiam, Grays Harbor
County, Washington

Prepared for:
Rayonier A.M.
Properties, LLC

Prepared by:
EHS  **Support**SM

January 2025



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Acronyms

µg/cm ²	microgram per centimeter squared
µg/L	microgram per liter
ASB	aeration sedimentation basin
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
ft	foot or feet
in	inch or inches
LUST	leaking underground storage tank
mg/kg	milligram per kilogram
MSL	mean sea level
MTCA	Model Toxics Control Act
NFA	No Further Action
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
PCB	polychlorinated biphenyl
pCSM	preliminary conceptual site model
ppt	part per thousand
PUD	Public Utility District
RCW	Revised Code of Washington
RI	remedial investigation
TCP	Toxic Cleanup Program
TPH	total petroleum hydrocarbons
TPH-D	TPH in the diesel range
TPH-G	TPH in the gasoline range
TPH-O	TPH in the oil range
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WAC	Washington Administrative Code
WWTP	wastewater treatment plant



Executive Summary

This Data Summary Report (“Report”) provides a record of environmental investigations and interim actions conducted at the Former Grays Harbor Pulp and Paper Mill facility, located in a heavily industrialized area of Hoquiam, Grays Harbor County, Washington (“Site”). Past investigations conducted at the Site were focused on specific areas where 1) releases to the environment were known or suspected or 2) former operations were considered to have had the potential for releases to the environment, even if they were not suspected.

Extensive past environmental investigations of soil and groundwater occurred in two primary areas of the Site: 1) the Former Pulp and Paper Mill (industrial upland area; center of historical operations) and 2) Rennie Island impoundments (industrial basins occasionally used for historical operations). Per past investigations, the Former Pulp and Paper Mill is further organized into several investigation areas:

- Paper Machine Area (Paper Mill)
- Boneyard Area
- Finishing Area
- Log Yard Area
- Fuel Oil Tank/Utility Chase Area
- Gasoline and Maintenance Area
- Silvichemical Area
- Powerhouse Area
- Wood Chip Storage Area
- Warehouse Area
- Hog Fuel Storage Area
- Shoreline Area
- Former Wastewater Treatment Plant Area (WWTP)

Results from past investigations led to the completion of interim actions in multiple investigation areas where constituent concentrations in soils exceeded applicable screening levels and resulted in restrictive covenants being issued for most of the Site. The restrictive covenants were a condition of the No Further Action (NFA) determinations made by the Washington State Department of Ecology (“Ecology”) and identify areas of the Former Pulp and Paper Mill restricted to industrial uses only, as defined by the City of Hoquiam; prohibit potable use of groundwater; and require notice be given to Ecology prior to future sale of the property.

NFA determinations were issued by Ecology based on review of the interim actions completed in the investigation area or upon review of analytical data that identified no risk to soil or groundwater conditions. Ecology’s NFA determinations remain in effect and include the following investigation areas:

- Paper Machine Area (Paper Mill)
- Boneyard Area
- Finishing Area
- Silvichemical Area
- Log Yard Area
- Fuel Oil Tank/Utility Chase Area



Overall, the primary known sources of soil impacts at the Site have been remediated by interim actions. Soils in localized areas of select investigation areas may remain in exceedance of current applicable screening levels, based on evaluation of past analytical data. Groundwater conditions appear to be related to past soil conditions, with groundwater exceedances having decreased historically after soil excavation (Pacific Environmental Group, 1996c).



1 Introduction

On behalf of Rayonier A.M. Properties, LLC (“RAMP”), EHS Support LLC (“EHS Support”) presents this *Data Summary Report* (“Report”) to the Washington State Department of Ecology (“Ecology”), pursuant to Agreed Order No. DE 17992 (“Agreed Order”; Ecology, 2024), for the former Grays Harbor Pulp and Paper Mill facility located at 801 23rd Street in Hoquiam, Grays Harbor County, Washington (“Site”; **Figure 1**).

1.1 Purpose

In accordance with the Agreed Order (Ecology, 2024), the purpose of this Report is to describe general facility information, history and conditions, past environmental investigations including data collection and results, preliminary conceptual constituent migration pathways, ecological receptors, and hazardous substances sources. This Report also includes existing data in tabular and figure form and indicates exceedances of industrial and residential screening levels.

1.2 Report Organization

This Report is organized as follows:

- **Section 2:** Provides general Site information, including location, current and anticipated industrial land use, facility history, and environmental conditions.
- **Section 3:** Summarizes past environmental investigations conducted at the Site.
- **Section 4:** Summarizes interim actions and closure activities completed at the Site.
- **Section 5:** Presents conditions based on comparison of existing applicable data to current applicable screening criteria.
- **Section 6:** Describes the current regulatory status of each investigation area, including areas with No Further Action (NFA) letters from Ecology.
- **Section 7:** Outlines elements of the preliminary conceptual site model (pCSM) for the Site, including sources, release mechanisms, potential migration pathways, and potential receptors.
- **Section 8:** Summarizes the key findings and conclusions of this Report.
- **Section 9:** Lists the references cited in this Report.



2 General Site Information

This section summarizes the Site location, layout, history, current and anticipated industrial land use, and setting.

2.1 Site Location

The Site is located at 801 23rd Street within a heavily developed and industrialized area of Hoquiam, Washington (**Figure 1**). The Site comprises 11 tax parcels totaling approximately 96 acres; 92 acres are owned by RAMP, and 4 acres are owned by Peter and Irene Sing (Sings)¹ (**Figure 2**). The Site topography is largely flat and bounded by Grays Harbor to the south; the Hoquiam River to the west; a railroad and industrial, commercial, and residential properties to the north; and the Port of Grays Harbor to the east. Rennie Island is located south of the Site in Grays Harbor and comprises two former impoundments owned by RAMP totaling approximately 88 acres (**Figure 3**).

2.2 Site Layout

The Site is primarily comprised of two areas, including: 1) the Former Pulp and Paper Mill (industrial upland area; center of historical operations; **Figure 2**) and 2) Rennie Island impoundments (industrial basins occasionally used for historical operations; **Figure 3**). Per past investigations, the Former Pulp and Paper Mill is further organized into several smaller investigation areas, discussed throughout this Report:

- Paper Machine Area (Paper Mill)
- Boneyard Area
- Finishing Area
- Log Yard Area
- Fuel Oil Tank/Utility Chase Area
- Gasoline and Maintenance Area
- Silvichemical Area
- Powerhouse Area
- Wood Chip Storage Area
- Warehouse Area
- Hog Fuel Storage Area
- Shoreline Area
- Former Wastewater Treatment Plant Area (WWTP)

The easternmost side of the Former Pulp and Paper Mill consists of the WWTP, while the westernmost and central portions consist of the additional investigation areas identified above. The two primary areas and individual investigation areas within the Former Pulp and Paper Mill were identified based on past operations and use of the area.

¹ The Sings purchased the 4-acre paper mill property (Tax A-1 and A-2) at a tax deed auction in 2017 and are an “owner or operator” as defined in [Revised Code of Washington \(RCW\) 70.105D.020\(22\)](#) of a “facility” as defined in [RCW 70.105D.020\(8\)](#). Ecology issued a determination that the Sings are potentially liable persons under [RCW 70A.305.040](#).



2.3 Site History

The Site operated as a sawmill prior to the early 1920s but was used for pulp and paper manufacturing beginning in the late 1920s. Between the 1920s and 2013, a non-integrated paper mill producing white communication paper operated at the Site. A separate pulp mill also operated at the site between the 1920s and 1992. RAMP's corporate predecessors, ITT Rayonier and Rayonier, Inc. (referred to herein as "Rayonier"), owned and operated the mill from the 1920s until 1992. RAMP currently owns the property on which the pulp mill and support assets were located; the Sings currently own the paper mill property.

In 1992, Site operations were suspended and in 1993, operation of the paper mill resumed and continued until 2013. Rayonier completed demolition of the pulp mill, product lines, and vanillin extraction facilities following mill closure in 1992; environmental investigation and remediation commenced during that time. Demolitions of the powerhouse, paper mill, and WWTP aboveground structures were completed in 2016.

Operations during Rayonier's operation of the pulp mill included occasionally pumping spent sulfite liquor from the mill, via a submerged pipeline beneath the waterway between the mill and Rennie Island, for storage in impoundments on Rennie Island. In the 1980s, the occasional storage of spent sulfite liquor within impoundments on Rennie Island ceased, and storage of solids from the pulp mill clarifier began. Rennie Island was also historically used as a disposal site for dredge spoil by the United States Army Corps of Engineers (USACE; Evans et al., 1980).

2.3.1 Wastewater Treatment Plant

The former WWTP was located on the eastern portion of the Site; the WWTP consisted of a primary clarifier, three secondary clarifiers, an aeration sedimentation basin (ASB), a hot caustic effluent basin, and a spent sulfite liquor basin (**Figure 2**). The WWTP served the industrial wastewater treatment needs for the Former Pulp and Paper Mill. Wastewater treatment consisted of primary treatment followed by secondary activated sludge treatment; residuals from the wastewater treatment system were removed from the treatment basins and transported off-site for proper disposal. Treated wastewater was discharged to Grays Harbor via Outfall 001 (**Figure 2**) under United States Environmental Protection Agency (USEPA) National Pollutant Discharge Elimination System (NPDES) Permit WA000307-7 (Ecology, 2003). This permit also covered stormwater discharge as well as a second outfall (Outfall 002), which discharged backwash water from the filter plant to the Hoquiam River. The outfalls have been inactive since the Former Pulp and Paper Mill operations ceased. NPDES permit coverage for discharge was maintained until termination in 2014 due to the Site no longer generating process wastewater (Ecology, 2014).

2.4 Current and Anticipated Industrial Land Use

The Former Pulp and Paper Mill and WWTP have been and are currently zoned industrial with future use anticipated to remain industrial as defined by the City of Hoquiam (**Figure 4**; City of Hoquiam, 2023). Per the City of Hoquiam, the industrial district provides a variety of manufacturing and marine-related uses in limited areas. The district also protects residential and non-manufacturing areas from potential adverse effects associated with industrial activity and promotes employment opportunities for present and future residents. Upon completion of past remediation at the Site, restrictive covenants (**Appendix A**) were issued for most of the Site (**Figure 5**) due to residual petroleum, polychlorinated



biphenyl (PCB), or lead concentrations in soils (Ecology, 1996a; Ecology, 1998). The restrictive covenants identify areas restricted to industrial uses only, prohibit potable use of groundwater, and require notice be given to Ecology prior to future sale of the property.

Rennie Island impoundments were historically used for industrial purposes related to former Site operations, but the island is currently zoned as Natural Resource by the City of Hoquiam (**Figure 4**; City of Hoquiam, 2023). Per the City of Hoquiam, areas in the Natural Resource district are primarily used for the commercial production and harvesting of trees but are also available for passive recreational activities and educational uses. These areas may also provide opportunity for future growth, but development for these areas should be compatible with adjacent land use.

It is possible that all or portions of the Former Pulp and Paper Mill and Rennie Island property owned by RAMP could be sold at some point. However, future use of the Former Pulp and Paper Mill parcels would presumably be deed restricted to industrial activities, consistent with the current industrial zoning and restrictive covenants in place, and Rennie Island is likely to remain as Natural Resource.

2.5 Site Setting

The following sections describe the current understanding of the geology, hydrogeology, and hydrology surrounding the Site.

2.5.1 Geology

The following sections present the geology for the region and Site. Regional geology is described from publicly available literature sources and reports. Site geology is described based on soil borings from the Site.

2.5.1.1 Regional Geology

The Site is located at the confluence of the Hoquiam River and Grays Harbor, within the river valley of the Chehalis River upgradient of Grays Harbor, and within the Willapa Hills geologic province of Washington State (Washington State Department of Natural Resources, 2002). This province is underlain by Tertiary aged sedimentary and volcanic rock. During the last period of glaciation, meltwater eroded the Tertiary aged rocks and formed the river valley of the Chehalis River. This valley has been filled with recent alluvial and marshland sediments above the eroded Tertiary aged rock. There is evidence of large earthquakes preserved by rapid sinking of coastal marshes and re-deposition above these soft sediments (Phipps, 2016). The United States Geological Survey (USGS) identified the stratigraphy near the Site up to 130 feet (ft) below ground surface (bgs) as follows, from top to bottom:

- Open Bay Deposits: filled tidal flat and estuary deposits. Lithology is typically sand in a clay matrix and can be laminated or structureless. Local gravel lenses and clay clasts up to 0.5-inch (in) diameter are noted with fine-grained sand. This unit extends from ground surface to approximately 100 ft bgs.
- Tidal Marsh Deposits: peaty mud present in continuous 0.25-in layers to structureless. Organic plant matter is visible to the naked eye. The tidal marsh uncomfortably underlies the open bay deposits and are encountered at depths of 100 ft to 110 ft bgs.
- River Gravel and Sand: fluvial in nature, including river cobbles up to 2 in in diameter. Present at depths greater than 110 ft bgs.



- Consolidated bedrock of the upland areas was not encountered by USGS (Phipps et al., 2016) nor in local geotechnical investigations (Landau Associates, 2009) at depths greater than 150 ft below mean sea level (MSL; North American Vertical Datum of 1998 [NAVD 88]).

In addition to these units, there is imported fill on the upper portion of the Site and likely surrounding properties; much of the land underlying the Site and surrounding properties would have been below water level at low tide prior to historical filling for development. Given that the Site elevation is currently between 15 and 16 ft above MSL, there may be upwards of 15 ft of imported fill material below the Site as well as the surrounding area.

2.5.1.2 Site Geology

Site geology has been defined by the installation of 140 soil borings and monitoring wells that were advanced up to 20 ft bgs (soil boring logs are provided in **Appendix B**). Based on review of the logs, the upper 15 to 20 ft is fill material. Shallow fill material at the Site is a heterogeneous mix of alluvial river deposits; silt, sand, clay, and gravel; dredge fill from the river channels; imported fill, soil, wood chips, and other wood debris; and buried construction debris (e.g., bricks and concrete; Landau Associates, 2017). Some of the fill was potentially imported prior to Rayonier ownership as evidenced by the presence of wood material at depth, presumably from historical sawmill operations at the Site.

2.5.2 *Hydrogeology*

The following sections describe the current understanding of regional and Site hydrogeology. Regional hydrogeology is described from publicly available literature sources and reports. The Site hydrogeology is described by monitoring well groundwater elevations collected at the Site seasonally in 1995.

2.5.2.1 Regional Hydrogeology

The Site is located at the confluence of the Hoquiam River and Grays Harbor, within the river valley of the Chehalis River. The Chehalis River Basin has been shaped by past tectonic and glacial activity that eroded sedimentary bedrock and deposited glacial and fluvial sediments as described in **Section 2.5.1.1**. These sediments have been sub-divided into hydrostratigraphic units by USGS to describe groundwater movement and groundwater/surface water interaction in the basin (Gendaszek, 2011). Near the Site, the following hydrostratigraphic units have been identified:

- Upper aquifer (defined as Aquifer A in Gendaszek [2011]) includes recent fluvial and floodplain deposits of recent age. Across the basin, these deposits have extensive heterogeneity consisting of a mix of sand, silt, and fines. The upper aquifer would also include the imported fill at the Site.
 - Regionally, this unit has hydraulic conductivity between 2.2 and 399 ft per day. This range is based on the high level of heterogeneity of this unit (Gendaszek, 2011).
- The lower aquifer (Aquifer C [Gendaszek, 2011]) comprises glacially deposited outwash of sand, gravel, and cobble. This would be equivalent to the river gravel and sand present at depths greater than 120 ft bgs. Gendaszek (2011) defines this as difficult to differentiate from the upper aquifer. Fluvioglacial in nature, this includes river cobbles up to 2 in in diameter.
 - The hydraulic conductivity of this unit is between 1.1 and 88.9 ft per day (Gendaszek, 2011); however, only two wells are present in this formation in the basin.



- Deeper than previous investigations near or around the Site is consolidated bedrock (defined as aquifer BDRK). The aquifer has low permeability as defined by USGS, with hydraulic conductivity between 0.001 and 1.5 ft per day.

2.5.2.2 [Site Hydrogeology](#)

Regular studies of groundwater elevations at the Site were not conducted; however, in 1995, groundwater across the Site was generally found at depths of 2 to 10 ft bgs depending on topography. The groundwater monitoring network has intersected the upper aquifer that has a local flow system based on topography. Based on existing groundwater elevation data from March, June, September, and December 1995 (**Table 1**), groundwater gradient at the Site radially diverges from the center of the Site. This local flow system would ultimately discharge to Grays Harbor or the Hoquiam River. Groundwater elevation contour maps for four quarterly water level measurement events performed in from 1995 are provided in **Appendix C**. It should be noted, however, that data from 1995 may not be representative of current trends in groundwater elevation, gradient, and tidal influences and should be considered preliminary until additional data are obtained. Additionally, localized flow variations are likely to be found around stormwater impoundments (e.g., stormwater/ wastewater basins) and other large aboveground features and are anticipated to be influenced by the tidal regime of the surrounding waterways.

2.5.3 [Hydrology](#)

The Site is located at the confluence of the Hoquiam River and Grays Harbor. Grays Harbor is one of two major estuaries on the Washington coast and is bound by Point Brown to the north and Point Chehalis to the south (Ecology, 2001). Water depths in Grays Harbor are generally less than 20 ft except at the mouth of the estuary, where depths up to 80 ft have been measured, and within dredged navigational channels (USACE, 2018). Several creeks and rivers flow into the estuary, including the Hoquiam River, with numerous shallow channels formed by ebbing tidal flows. At high tide, the harbor covers an area of approximately 58,000 acres, with over 60 percent of the estuary being intertidal (Oregon Sea Grant, 2003).

2.5.3.1 [Tidal Regime](#)

Grays Harbor experiences a semi-diurnal tidal regime, with two high and two low tides of approximately equal height daily, and a mean tidal range of 7.8 ft. According to the National Oceanic and Atmospheric Administration (NOAA) station 9441102—located at the entrance of Grays Harbor in Westport, Washington—the lowest tidal height observed in 2024 was -3.2 ft in May, and the highest observed was 12.8 ft in December, relative to Mean Lower-Low Water (NOAA, 2024). Also in 2024, monthly mean tidal height ranged from 4.3 ft in May to 5.6 ft in January, with an annual mean tidal height of 4.9 ft (relative to Mean Lower-Low Water).

2.5.3.2 [Salinity Regime](#)

Salinity varies throughout Grays Harbor, with higher salinity concentrations at the mouth of the harbor and lower salinity concentrations upstream of the Site. Salinity measurements taken near Rennie Island indicate that water near the Site ranges from oligohaline (salinity ranging from 0.5 to 5 parts per thousand [ppt]) to mesohaline (salinity ranging from 5 to 18 ppt) depending on tide and freshwater



flows from upstream sources within the basin. In 2013, salinity concentrations near Rennie Island ranged from approximately 2 ppt to 20 ppt, with an average salinity from 2011 to 2013 of 6.5 ppt (Wild Fish Conservancy, 2015).

2.5.3.3 Navigation Channel Dredging

Grays Harbor is the only estuary on the Washington coast with a maintained deep navigation channel and major port (Port of Grays Harbor; Oregon Sea Grant, 2003). The navigation channel is maintained at varying depths by USACE to provide deep water access for large commercial vessels. The original navigation project was authorized in 1896, which allowed for a navigation channel extending from the seaward end of Grays Harbor to the lower reach of the Chehalis River (Pacific International Engineering, 2003). The earliest records of dredging for this project within Grays Harbor (extending 12 miles downstream from Cosmopolis, Washington, past the Site) date to 1905, with regular maintenance appearing to have occurred periodically since.

The navigation channel was divided into nine distinct reaches, with seven reaches dredged annually since 2018 (USACE, 2018), including the reaches adjacent to the Site: the Hoquiam reach and the Cow Point reach. The navigation channel within these reaches (**Figure 2**) is approximately 350 ft wide and is dredged annually to approximately 38 ft deep, with 500,000 to 800,000 cubic yards of sediment dredged annually. Dredging is expected to continue to occur annually through 2033 (USACE, 2018).

2.5.4 *Regional Conditions*

Regional conditions within the lower Hoquiam River and Grays Harbor surrounding the Site are influenced by the industrialized and urbanized setting and associated activities. A review of regional permitted outfalls and Ecology Toxics Cleanup Program (TCP) sites highlights numerous potential regional sources of hazardous substances to the Hoquiam River and Grays Harbor. In the general area around the Site, from Hoquiam to Cosmopolis, Washington, 188 permitted outfalls were identified in Ecology's Water Quality Atlas database (Ecology, n.d.-a). Additionally, 149 TCP cleanup sites were identified with 87 of these sites in the cleanup phase or awaiting cleanup (Ecology, n.d.-b); many of the outfalls identified are associated with the TCP cleanup sites in the area. The abundance of outfalls and TCP cleanup sites identified demonstrates the industrialized and urbanized setting of the lower Hoquiam River and Grays Harbor waterfronts.



3 Past Environmental Investigations

Past environmental investigations were completed at the Site by Rayonier² in the 1990s. Activities within the Former Pulp and Paper Mill, in the individual investigation areas identified in **Section 2.2**, and Rennie Island included sampling soil borings and installing a shallow groundwater monitoring well network. Groundwater monitoring wells were installed throughout the Site between 13.5 and 20 ft deep with screening intervals of either 10 or 15 ft (**Table 1**). Past soil and groundwater investigations were primarily focused on specific areas of the Site where 1) releases to the environment were known or suspected; or 2) former operations were considered to have had the potential for releases to the environment, even if they were not suspected.

Table 2 and **Table 3** summarize all available past soil and groundwater data (pre- and post-interim action [if applicable]); the tables provide the number of total samples per constituent and individual constituent detection ratios. All past soil boring locations for the Former Pulp and Paper Mill are depicted in **Figure 6**, including soil locations collected before any interim action was completed (see **Section 5**), while all past groundwater monitoring well locations are depicted in **Figure 7**. All past soil boring and groundwater monitoring well locations for investigation of the Rennie Island impoundments are depicted in **Figure 8**. All past soil and groundwater data are provided in **Appendix D** and **Appendix E**, respectively.

A detailed description of these past investigations by investigation area (**Figure 2**) with a summary of analytical results is provided in **Appendix F**. Additionally, individual investigation area figures are provided in **Appendix G**; these figures provide a focused visual of past soil and groundwater investigations in each area, completed interim actions (where applicable; see **Section 5**), and conditions based on applicable analytical data screened against current Model Toxics Control Act (MTCA) screening levels (see **Section 6**).

Applicable data housed within Ecology's Environmental Information Management database will be evaluated as part of the remedial investigation (RI) process.

² ITT Rayonier and Rayonier, Inc. (RAMP's corporate predecessors).



4 Interim Actions and Closure Activities

A summary of completed interim actions and closure activities performed by Rayonier, including WWTP closure activities, is presented in **Section 4.1** below by associated investigation area. Investigation areas that did not warrant interim action based on past investigation results are identified in **Section 4.2**. Per past investigations, the Former Pulp and Paper Mill is presented by investigation area.

Upon completion of the interim actions presented below, institutional controls in the form of restrictive covenants (deed restriction) were implemented to maintain and prevent disturbance of the cap, restrict continued use of the property to industrial, and prevent extraction of groundwater for drinking water (**Figure 5; Appendix A**; Rayonier, 1996a; Ecology, 1998).

4.1 Investigation Areas with Interim Actions or Closure

This section presents interim actions or closure activities completed by Rayonier in select investigation areas within the Former Pulp and Paper Mill and WWTP, as well as confirmatory analytical results where applicable.

4.1.1 Paper Machine Area (Paper Mill)

In response to investigation results within the Paper Machine Area, cleanup actions were undertaken to remove soils with constituent concentrations exceeding applicable screening levels at the time (**Figure 5**) and backfill the open excavations with clean sand. Several soil excavations were conducted from July to November 1995 below Paper Machine #1 and Paper Machine #2 (Pacific Environmental Group, 1996a). These excavations included the removal of approximately:

- 60 tons of soil with total petroleum hydrocarbon (TPH), TPH-diesel (TPH-D), and TPH-oil (TPH-O) concentrations exceeding the target concentration of 1,000 milligrams per kilogram (mg/kg) from excavations below Paper Machine #1;
- 256 tons of soil with PCB concentrations exceeding the applicable MTCA screening level at the time for soil from below Paper Machine #1;
- 23 tons of PCB-impacted wood debris from below Paper Machine #1; and
- 300 tons of soil with TPH-D and TPH-O concentrations exceeding the 1,000 mg/kg target concentration from below Paper Machine #2 in three separate excavations (Western TPH Excavation, Eastern TPH Excavation, and Northern TPH Excavation).

The extent of the PCB excavations was established based on removing all soil with PCB exceedances. Confirmatory samples from below Paper Machine #1 were analyzed for TPH constituents and found to exceed the screening level, but further excavation in the areas of these samples was not possible due to physical impracticality or a threat to the structural integrity of the building. The highest remaining concentration of TPH left in place below Paper Machine #1 was 12,000 mg/kg for TPH-O. Additionally, after the three excavations under Paper Machine #2, two sidewall areas contained TPH concentrations exceeding the TPH screening level, but further excavation along this sidewall was discontinued because of the proximity of the building foundation. The highest remaining concentration of TPH left in place below Paper Machine #2 was 22,000 mg/kg for TPH-D.

In October and November 1995, 75 wipe samples were collected from ceilings, beams, walls, pillars, and footings underneath the paper machine building to determine which oil-stained areas contained PCBs



prior to cleaning (EMS, 1996). Results indicated that ceilings and beams mainly contained concentrations of PCBs below 100 microgram/100 centimeter squared ($\mu\text{g}/\text{cm}^2$), pillars contained concentrations above 100 $\mu\text{g}/100 \text{ cm}^2$, and footings had mixed results. Based on the results, the tested surfaces were cleaned of PCBs, except for one footing with a rough concrete texture, which was coated to ensure safe working conditions. Confirmatory samples post-cleaning confirmed that the concrete could be disposed of as non-hazardous waste at an off-site landfill.

4.1.2 Boneyard Area

In response to past investigation results within the Boneyard Area, a cleanup action was undertaken to excavate soils with constituent concentrations exceeding applicable screening levels and to contain beneath an asphalt cap all soil with residual constituent concentrations determined to be acceptable for an industrial property (Rayonier, 1996a; **Figure 5**). The cleanup action included:

- The excavation of approximately 300 tons of soil in July 1994 from the northeastern portion of the Boneyard Area near the paper mill building to address TPH, TPH-D, and TPH-O concentrations exceeding the applicable MTCA screening level; and
- The excavation of approximately 735 tons of soil in April 1995 near the property line in the northwestern portion of the Boneyard Area to address PCB, TPH, TPH-D, and TPH-O concentrations exceeding the applicable MTCA screening levels.

Excavated soil was managed and disposed of properly at an off-site landfill in accordance with regulations. An asphalt cap was then installed on the remainder of the Boneyard Area to prevent exposure to remaining soils with TPH or PCB impacts (**Figure 5**); additional shoreline stabilization efforts were completed in 2021 under permit number NWS-2020-1168 (USACE, 2021).

4.1.3 Finishing Area

In response to past investigation results within the Finishing Area, interim cleanup actions were initiated to excavate soils with combined TPH-D and TPH-O concentrations exceeding the target concentration of 1,000 mg/kg. Three excavations were conducted, removing approximately 950 cubic yards (1,379 tons) of soil (Pacific Environmental Group, 1995; **Figure 5**).

In October 1994, Rayonier initiated Phase 1 excavation activities in the immediate vicinity of the concrete structure in the southwestern portion of the area (“Excavation One”). Phase 2 activities involved installing test pits and borings to delineate the horizontal extent of TPH-impacted soil. In April 1995, additional excavation was conducted during Phase 3 to extend the originally excavated area approximately 80 feet to the east (“Excavation Two”). A third round of excavation occurred during Phase 4 in April 1995, approximately 30 feet north of Excavations One and Two (“Excavation Three”). After excavation was complete, and confirmatory samples resulted in concentrations less than 1,000 mg/kg, the areas were backfilled with imported clean soil. The highest remaining concentration of TPH left in place was 640 mg/kg in the Excavation Three area. This soil, however, is buffered from nearby surface water (Grays Harbor) by clean backfill in the Excavation One and Excavation Two areas.

4.1.4 Log Yard Area

In response to past investigation results in the Log Yard Area suggesting the potential for a localized environmental release, soil excavation was performed in January 1995, removing approximately



80 cubic yards (about 120 tons) of soil with lead concentrations that exceeded applicable screening levels from this area (**Figure 5**). Subsequent confirmation samples were taken from the base and sidewalls of the excavation, and concentrations were confirmed to be below applicable lead screening levels (Rayonier, 1995).

4.1.5 Fuel Oil Tank/Utility Chase Area

In response to a No. 6 fuel oil release in 1992 and other past investigation findings within the Fuel Oil Tank/Utility Chase Area, a cleanup action was undertaken to excavate soils within this area. In July 1995 and September 1996, two remedial excavations were performed, removing approximately 460 tons of soil (Pacific Environmental Group, 1996b; Rayonier, 1996b; **Figure 5**). Subsequent excavation was later carried out to remove the remaining soils exceeding the applicable screening level (Rayonier, 1996b). Excavated soil was transported to TPS Technologies of Tacoma, Washington, for recycling by thermal desorption (Pacific Environmental Group, 1996b).

4.1.6 Gasoline and Maintenance Area

In September 1994, an underground 1,000-gallon unleaded gasoline tank, pump dispense, and associated facilities were removed from the Site. After removal of the gasoline underground storage tank in 1994, samples were collected from the tank excavation area and stockpiled soils. TPH-D, TPH-gasoline (TPH-G), and TPH-O concentrations were below applicable screening levels, while lead ranged from non-detect to 500 mg/kg, below the applicable screening level at the time. The Gasoline and Maintenance Area was designated as a leaking underground storage tank (LUST) site by Ecology in 1995 (Ecology, 1995).

4.1.7 Wastewater Treatment Plant

In early 2014, Grays Harbor Public Utility District (PUD) collected samples of bottom solids in the ASB as part of anticipated disposal and closure activities of the basin (Synagro, 2014). The surface area of the residuals in the ASB was estimated at 4.24 acres with an average total depth of 13.82 ft. Based on this, 1,241 dry tons of residual solids were estimated within the ASB (Synagro, 2014). In late 2014 to early 2015, Grays Harbor PUD drained the ASB, breached the northwest corner of the basin, and removed the bottom solids for disposal off-site (Landau Associates, 2017). Demolition of the remaining WWTP aboveground structures was completed in 2016.

4.2 Investigation Areas Not Warranting Interim Action

This section presents investigation areas that did not warrant interim action based on the results of past investigations.

4.2.1 Former Pulp and Paper Mill

4.2.1.1 Silvichemical Area

Interim action was not warranted within the Silvichemical Area based on the results of past investigations (**Appendix F**). Chromium concentrations in all soil and groundwater samples were less than applicable MTCA screening levels at the time of past investigation.



4.2.1.2 Powerhouse Area

Interim action was not conducted in the Powerhouse Area as the substantial subsurface infrastructure encountered, with rebar-reinforced concrete slabs thicker than 2 ft, limited excavation (**Appendix F**). This infrastructure, along with native soils with high silt content in the area, function as a limit and surface cap of potential constituent migration and exposure (Landau Associates, 2017).

4.2.1.3 Wood Chip Storage Area

Interim action was not warranted or conducted in the Wood Chip Storage Area as no constituents analyzed in soil samples from past investigations exceeded their applicable MTCA screening levels at the time of the investigation (**Appendix F**).

4.2.1.4 Warehouse Area

Interim action was not warranted in the Warehouse Area as constituent concentrations in soil and groundwater samples from past investigations were less than the applicable MTCA screening levels at the time of the investigation (**Appendix F**).

4.2.1.5 Hog Fuel Storage Area

Interim action was not warranted in the Hog Fuel Storage Area as constituent concentrations in soil and groundwater samples from past investigations were less than the applicable MTCA screening levels at the time of the investigation (**Appendix F**).

4.2.1.6 Shoreline Area

Interim action was not conducted in the Shoreline Area as potential groundwater impacts were considered to be addressed through the removal of upland potential source material in individual investigation areas, where applicable (e.g., Rayonier, 1996a), or buffered by clean imported fill (e.g., Pacific Environmental Group, 1995a; **Appendix F**).

4.2.2 *Rennie Island Impoundments*

Interim action was not warranted within the Rennie Island impoundments as constituent concentrations in soil and groundwater from past investigations were comparable to concentrations detected outside the impoundment and were less than the applicable screening levels at the time of the investigation (Pacific Environmental Group, 1996c; **Appendix F**).



5 Conditions

For this Report, past soil data collected outside of excavation areas (i.e., areas subject to prior interim action) or collected within excavation areas as confirmation samples post-excavation were screened against July 2024 MTCA Method C soil industrial and Method B soil unrestricted screening levels; respective Method A screening levels were applied where Method B or Method C screening levels were not calculated ([Washington Administrative Code \[WAC\], Title 173, Chapter 173-340](#)). While the Site is heavily industrialized, past data were screened against the unrestricted screening levels as required under the Agreed Order. All past groundwater data were screened against July 2024 MTCA Method B groundwater screening levels or Method A screening levels where Method B screening levels were not calculated. Results from the updated soil screening are provided in **Appendix H** (industrial) and **Appendix I** (unrestricted). Results from the updated groundwater screening are provided in **Appendix E**.³

Figure 9 presents exceedances of July 2024 MTCA Method C industrial screening levels for soil, and if a Method C screening level was not calculated for an analyte, then data were screened against the Method A industrial screening level. Soil samples collected from excavation areas are not shown on **Figure 9**; any soil locations shown within the excavation areas were collected as confirmation samples at the bottom of the excavation area or along a sidewall. **Figure 10** presents exceedances of July 2024 MTCA Method B screening levels for groundwater, and if a Method B screening level was not calculated for an analyte, then data were screened against the Method A screening level; however, in areas where interim action soil excavation was conducted, only exceedances of groundwater data collected after interim action was complete are identified. Individual investigation area figures are provided in **Appendix G**; these figures provide a focused visual of past soil and groundwater investigation sample locations within each area, prior interim actions (where applicable; **Section 5**), and exceedances of screening levels (where applicable).

A summary of the results from the updated screening against July 2024 soil industrial (Method C or Method A) and groundwater (Method B or Method A) screening levels is provided in the following sections by investigation area within the Former Pulp and Paper Mill and for Rennie Island impoundments. For areas where interim action soil excavation was conducted, only exceedances of groundwater data collected after interim action was complete are described.

The screening levels noted above provide a useful tool for preliminary screening of past data in preparation for RI. Site-specific cleanup levels are expected to be developed as part of the RI process that are protective of the exposure pathways established in the pCSM. These pathways are not expected to include potable groundwater, which is the basis for current applicable screening values used to screen past data.⁴

5.1 Former Pulp and Paper Mill

Results of screening existing soil and groundwater data for the Former Pulp and Paper Mill against July 2024 MTCA screening levels are provided below.

³ Appendix E includes all past groundwater data collected pre- and post-interim action, where applicable.

⁴ RAMP understands that a determination of potability must comply with [WAC 173-340-720\(2\)](#).



5.1.1 Paper Machine Area (Paper Mill)

While the Paper Machine Area is currently owned by the Sings, conditions based on existing soil data for the Paper Machine Area are provided below. No groundwater monitoring wells were located directly within the Paper Machine Area because monitoring well C-4 was located adjacent to the southeast corner and monitoring well MW-9 was located near the southwest corner. Analytical results for C-4 are described within the Shoreline Area (**Section 5.1.12**), and analytical results for MW-9 are described within the Boneyard Area (**Section 5.1.2**), but no exceedances occurred at these wells for data collected after interim action was complete in the Paper Machine Area in November 1995.

Analytical results for 95 soil samples collected after interim action was completed, ranging in depth from 0.5 to 12 ft bgs, were compared with screening levels (**Appendix H**). TPH-D and TPH-O were detected in the Paper Machine Area; however, only four samples exceeded the TPH-D screening level (concentrations ranged from 2,300 to 22,000 mg/kg up to 8.3 ft bgs), and four samples at different distinct locations exceeded the TPH-O screening level (concentrations ranged from 2,400 to 140,000 mg/kg from 10.5 to 11.8 ft bgs). Exceedances primarily occurred in distinct localized areas near the eastern edge of Paper Machine #1 and the western edge of Paper Machine #2 (**Appendix G-1**), along the sidewall of the previous excavation areas.

The Paper Machine Area is currently covered with concrete rubble from past demolition activities.

5.1.2 Boneyard Area

The Boneyard Area is currently covered by an asphalt cap (**Figure 5**), which was installed as part of an interim action to prevent exposure to remaining soils exceeding applicable screening levels (**Section 5.1.2**).

An assessment of existing groundwater data collected in June, September, and December 1995, after the interim action soil excavation was completed in April 1995, indicated infrequent exceedances of Method A screening levels for unfiltered lead, TPH-D, and TPH-O (**Appendix E**; Method B screening levels were not calculated for these constituents) and the Method C screening level for total PCBs. Exceedances occurred at MW-9, MW-10, and MW-13 for unfiltered lead, TPH-D, and TPH-O and MW-15 for total PCBs, with no apparent trend across sampling events (**Appendix G-2**).

5.1.3 Finishing Area

While no groundwater monitoring wells were located directly within the Finishing Area, monitoring well C-4 was located adjacent to the area to the west. Analytical results for C-4 are described within the Shoreline Area (**Section 5.1.12**), but no exceedances occurred at this well for data collected after interim action was complete in the Finishing Area in April 1995.

A screening of 29 soil samples from the Finishing Area collected after interim action was completed, ranging in depth from 2 to 14.5 ft bgs, indicates that none of the past remaining soil concentrations exceed screening levels (**Appendix G-3**; **Appendix H**).



5.1.4 *Silvichemical Area*

Results for 67 soil samples from the Silvichemical Area, ranging in depth from 1 to 6.5 ft bgs, were compared with screening levels (**Appendix H**); no screening levels were exceeded (**Appendix G-4**).

An assessment of groundwater data collected in the Silvichemical Area from 1993 to 1995 indicates irregular exceedances of Method A screening levels for unfiltered chromium (110 micrograms per liter [$\mu\text{g/L}$]), TPH-D (900–1,800 $\mu\text{g/L}$), and TPH-O (530–910 $\mu\text{g/L}$) at MW-4 (**Appendix G-4**; **Appendix E**). Additional exceedances of the Method A screening level for unfiltered chromium were identified at MW-6 and MW-7 with concentrations of 650 $\mu\text{g/L}$ and 400 $\mu\text{g/L}$, respectively.

5.1.5 *Log Yard Area*

Results for 34 soil samples from the Log Yard Area, ranging in depth from 2 to 10 ft bgs, collected outside of the interim action excavation area or as confirmation samples collected immediately post-interim action were compared with screening levels (**Appendix H**); no screening levels were exceeded (**Appendix G-5**).

An assessment of quarterly groundwater data collected at monitoring well C-13 in 1995, after interim action soil excavation was completed in January 1995, and analyzed for unfiltered lead (**Figure 7**), indicated no exceedances of the applicable screening level (**Appendix G-5**; **Appendix E**).

5.1.6 *Fuel Oil Tank/Utility Chase Area*

Results for 31 soil samples from the Fuel Oil Tank/Utility Chase Area, ranging in depth from 1 to 10 ft bgs, were compared with screening levels (**Appendix H**). One exceedance of TPH-D was identified at E-4 in the southwest corner of the Fuel Oil Tank Area at 7,230 mg/kg. Exceedances of TPH-O were identified at UC-5 along the southern border of the Utility Chase Area at 2 ft bgs (2,700 mg/kg) and 6.5 ft bgs (2,300 mg/kg; **Appendix G-7**).

Existing groundwater data collected at C-2 in December 1995, after the initial interim action soil excavation was completed in July 1995, were compared with screening levels (**Appendix E**). TPH-D was detected but did not exceed the current screening level (**Appendix G-7**).

5.1.7 *Gasoline and Maintenance Area*

Results for 15 soil samples from the Gasoline and Maintenance Area, ranging in depth from 0.5 to 5.5 ft bgs, were compared with screening levels. Chromium; lead; TPH; and benzene, toluene, ethylbenzene, and xylenes (BTEX) were detected, but none of the concentrations of these constituents exceeded their respective current screening levels (**Appendix G-6**; **Appendix H**).

For groundwater from the Gasoline and Maintenance Area, unfiltered lead was detected in samples at monitoring wells C-1 and MW-3 and occasionally exceeded the Method A screening level (**Appendix G-6**; **Appendix E**), with detected concentrations ranging from 67 to 160 $\mu\text{g/L}$ and 6.7 to 31 $\mu\text{g/L}$, respectively. The following constituents were also detected in MW-3 exceeding screening levels (Method A for TPH constituents and Method B for benzene):

- Benzene: detected concentration range of 100 to 810 $\mu\text{g/L}$



- TPH-D: detected concentration range of 710 to 1,700 µg/L
- TPH-O: detected concentration of 750 µg/L
- TPH-G: detected concentration range of 730 to 7,100 µg/L

5.1.8 Powerhouse Area

Results for 31 soil samples from the Powerhouse Area, ranging in depth from 1 to 10.5 ft bgs, were compared with screening levels (**Appendix H**). Exceedances of TPH-D and TPH-O were identified at six distinct locations within a localized area of the northeast corner, with concentrations ranging from 3,200 to 250,000 mg/kg for TPH-D and 2,500 to 270,000 mg/kg for TPH-O; exceedances were identified down to 4 ft bgs. One exceedance of benzo(a)pyrene was identified at one sampling location at a depth of 3.8 ft bgs and concentration of 230 mg/kg. These exceedances were identified within the former building crawlspace (**Appendix G-8**).

Past groundwater sampling results from MW-8 were compared with screening levels (**Appendix E**). One exceedance of the Method A screening level was identified for unfiltered chromium at 300 µg/L, while TPH-D and TPH-O exceeded Method A screening levels with concentrations ranging from 860 to 1,100 µg/L and 540 to 3,700 µg/L, respectively (**Appendix G-8**).

Groundwater was not encountered during the supplemental investigation conducted in 2016, and no soil samples were collected for laboratory analysis, but field-screening techniques identified the presence of No. 6 fuel. No. 6 fuel oil was identified in a horizontal area approximately 80 ft by 120 ft at a maximum depth of 13 ft bgs (**Appendix G-8**). Substantial subsurface infrastructure was also encountered, including rebar-reinforced concrete slabs thicker than 2 ft (Landau Associates, 2017). This subsurface infrastructure constrained cleanup at the Powerhouse Area but also limits potential constituent migration and exposure as it functions as a surface cap to prevent groundwater infiltration. The No. 6 fuel oil was not anticipated to migrate a notable distance.

5.1.9 Wood Chip Storage Area

Groundwater data were not collected from within the Wood Chip Storage Area as analytical results from past soil investigations indicated that impacts to surface or subsurface soil were not a concern.

Results for 12 soil samples from the Wood Chip Storage Area, ranging in depth from 4 to 6 ft bgs, were compared with screening levels (**Appendix H**). None of the constituents detected exceeded screening levels (**Appendix G-9**).

5.1.10 Warehouse Area

Results for 19 soil samples from the Warehouse Area, ranging in depth from 3.5 to 5.7 ft bgs, were compared with screening levels (**Appendix H**). One isolated location (W-9) along the northern boundary of the area exceeded the screening level for TPH-O with a concentration of 25,000 mg/kg at 5.7 ft (**Appendix G-10**).

Existing groundwater sampling results from monitoring well MW-5 within the Warehouse Area were compared with screening levels (**Appendix E**). None of the constituents detected exceeded the current screening levels (**Appendix G-10**).



5.1.11 Hog Fuel Storage Area

Results for 23 soil samples from the Hog Fuel Storage Area, ranging in depth from 3 to 6 ft bgs, were compared with screening levels (**Appendix H**). None of the constituents detected exceeded their respective screening levels (**Appendix G-11**).

Previous groundwater sampling results from monitoring well C-17 within the Hog Fuel Storage Area were compared with screening levels (**Appendix E**). Concentrations of TPH-D and TPH-O were detected at C-17 above Method A screening levels, with detections ranging from 400 to 2,100 µg/L for TPH-D and a detection of 1,100 µg/L for TPH-O (**Appendix G-11**).

5.1.12 Shoreline Area

Groundwater sampling results for the Shoreline Area are provided below. Soil data were not available for review as no soil borings were sampled within this area.

Past groundwater sampling results from monitoring wells C-4 through C-8 along the central shoreline areas were compared with screening levels (**Appendix E**). Exceedances of Method A screening levels were identified for unfiltered lead (C-4 only), TPH-D, and TPH-O (**Figure 10**):

- C-4: Unfiltered lead at 43 µg/L; TPH-D concentrations ranged from 220 to 920 µg/L; TPH-O was detected at 860 µg/L
- C-5: TPH-D concentrations ranged from 180 to 2,200 µg/L; TPH-O concentrations ranged from 42 to 1,100 µg/L
- C-6: TPH-D concentrations ranged from 290 to 680 µg/L; TPH-O concentrations ranged from 690 to 870 µg/L
- C-7: TPH-D concentrations ranged from 270 to 4,600 µg/L; TPH-O was detected at 6,300 µg/L
- C-8: TPH-D concentrations ranged from 290 to 1,000 µg/L; TPH-O was detected at 1,100 µg/L

5.1.13 Wastewater Treatment Plant

Soil data were not available for review as no soil borings sampled were associated with the WWTP.

Groundwater has not been characterized within the WWTP directly; however, groundwater sampling results from C-3 along the northern boundary of the WWTP exhibit a concentration of 540 µg/L for TPH-O, exceeding the Method A screening level (**Figure 10; Appendix E**). Groundwater results from C-8, located along the shoreline on the southern end of the WWTP, are described in **Section 5.1.12**.

5.2 Rennie Island Impoundments

Results for 14 soil samples at 1 ft bgs from the Rennie Island impoundments area were compared with screening levels (**Appendix H**). None of the constituents detected exceeded their respective screening levels.

Past groundwater sampling results from monitoring wells RW-1 through RW-4 on Rennie Island were compared with screening levels (**Appendix E**). Only bis(2-ethylhexyl)phthalate exceeded a screening level with a concentration of 240 µg/L.



6 Current Regulatory Status of Investigation Areas

A summary of the current regulatory status of the investigation areas described above is provided in the following sections.

6.1 Areas with No Further Action Status

The following investigation areas were issued an NFA letter from Ecology (**Figure 2; Appendix J**):

- Paper Machine Area (Paper Mill) (Ecology, 1996b)
- Boneyard Area (Ecology, 1996c)
- Finishing Area (Ecology, 1996d)
- Silvichemical Area (Ecology, 1993)
- Log Yard Area (Ecology, 1996e)
- Fuel Oil Tank/Utility Chase Area⁵

NFA determinations were issued by Ecology based on review of interim actions completed in the investigation area or on review of analytical data that identified no risk to soil or groundwater conditions. Ecology's NFA determinations remain in effect.

The NFA determinations were conditioned on Rayonier's recording of a restrictive covenant on the property deed, which was completed by Rayonier (**Figure 5**).

6.2 Areas Without No Further Action Status

The following investigation areas have not yet received regulatory closure through an Ecology-issued NFA determination:

- Gasoline and Maintenance Area
- Powerhouse Area
- Wood Chip Storage Area
- Warehouse Area
- Hog Fuel Storage Area
- Shoreline Area
- WWTP
- Rennie Island

Detections of lead, TPH, and benzene in soil prompted Ecology to designate the Gasoline and Maintenance Area as a LUST site in 1995 (Ecology, 1995).

⁵ In letters dated January 22, 1996, Rayonier requested that Ecology review the results of interim action at the Fuel Oil Tank/Utility Chase Area and issue a NFA determination (Rayonier, 1996c). This area was understood to be recorded in Ecology's database as having received an NFA determination (Landau Associates, 2017).



As discussed in **Section 4.2** and **Section 5**, several of these investigation areas—including the Silvichemical Area, Wood Chip Storage Area, and Hog Fuel Storage Area—may warrant an issuance of NFA based on the results of past environmental investigations and soil conditions that do not exceed current applicable MTCA screening levels or further investigation confirming that the areas are not a source of impacts at the Site.



7 Preliminary Conceptual Site Model

The pCSM for the Site identifies potential sources of hazardous substances and release mechanisms, potential migration pathways, and potential human and ecological receptors. The pCSM does not quantify potential risks to human or ecological health but facilitates focused remedial investigation and actions. As such, the pCSM is subject to refinement as new information is gathered. Potential primary sources, release mechanisms, migration pathways, and receptors are summarized below.

The pCSM for the Site was developed with the understanding that the property will remain zoned for industrial use and activity, while Rennie Island will remain zoned as Natural Resource and potentially available for passive recreational activities.

7.1 Potential Sources, Release Mechanisms, and Migration Pathways

Potential sources of hazardous substances at the Site include materials historically used or produced, directly or as byproducts, during mill operations (e.g., hog fuel, petroleum products, chemicals used for pulp production); boiler operations; fuel and equipment use and storage; and potentially impacted material used as fill in select investigation areas (e.g., dredge spoil, construction debris, wood waste). Potential release mechanisms to the environment may include the following:

- Historical wastewater treatment and discharge
- Historical incidental spills and leaks
- Stormwater runoff and infiltration
- Historical stack emissions and surface soil deposition
- Leaching from fill material
- Regional sources (e.g., permitted outfalls, Toxics Cleanup Program sites)

Potential migration pathways from releases described above may include the following:

- Direct accumulation in surface soils
- Surface soil runoff/erosion to surface water
- Volatilization/wind erosion of particulates in soil to outdoor (ambient) air
- Partitioning to soil gas and volatilization of soil gas to outdoor (trench) air and indoor air
- Leaching/percolation from surface soil to subsurface soil and migration to underlying shallow groundwater
- Groundwater discharge to surface water and sediment
- Discharge (effluent, wastewater, and stormwater) to surface water
- Sediment deposition
- Bioaccumulation in biota

7.2 Potential Receptors

7.2.1 Human Health

The Former Pulp and Paper Mill is currently zoned industrial and anticipated to remain zoned industrial in the future; therefore, potential human receptors may include the following:

- On-site occasional utility workers (current potential receptor)
- On-site trespassers (current potential receptor)



- On-site commercial/industrial workers (future potential receptor)
- On-site utility workers (future potential receptor)
- On-site construction workers (future potential receptor)

The use of Rennie Island is also unlikely to change, so potential human health receptors for Rennie Island include recreational trespassers (current and future potential receptor). Grays Harbor includes off-site recreational users (current and future potential receptor).

7.2.2 *Ecological*

The developed and industrialized setting, structures, and extensive impervious cover/paving at the Site minimize potential use by most ecological receptors that may occur in the region due to the low-quality habitat that the Site may provide relative to more natural habitats within the surrounding harbor. Low-quality terrestrial habitat that may be provided within portions of the Site may support limited plants and soil invertebrates and transient avian and mammalian receptors. Consistent with MTCA technical guidance for Terrestrial Ecological Evaluations at industrial properties (Ecology, 2017), ecological evaluation at the Site will focus on the assessment and protection of terrestrial wildlife receptors. Aquatic habitat at or proximal to the Site may support aquatic plants, invertebrates, herptiles, fish, and transient semi-aquatic avian and mammalian receptors.



8 Findings and Conclusions

Extensive past environmental investigations of soil and groundwater have been conducted in two primary areas of the Site: 1) the Former Pulp and Paper Mill (industrial upland area; center of historical operations); and 2) Rennie Island impoundments (industrial basins occasionally used for historical operations). Results of these investigations led to the completion of interim actions in multiple investigation areas, focused on excavation of soils exceeding screening levels in localized areas. Data within past investigation areas indicate the following:

- Distinct localized areas in the Paper Machine Area may have remaining soil exceeding TPH-D and TPH-O screening levels. Exceedances are localized and inhibited by subsurface infrastructure. Additional investigation and excavation are constrained by the presence of concrete rubble from demolition activities.
- The Boneyard Area remains protective of potential receptor exposure to soil based on the existing asphalt cap and restrictive covenants in place.
- The primary areas of soil concentrations exceeding screening levels in the Finishing Area have been remediated, with no remaining soil sample concentrations exceeding current screening levels.
- The primary area of soil concentrations exceeding screening levels in the Log Yard Area has been remediated, with no remaining soil or groundwater sample concentrations detected after interim action exceeding current screening levels.
- The primary areas of soil concentrations exceeding screening levels in the Fuel Oil Tank/Utility Chase Area have been remediated, although localized exceedances were observed in soil samples from two distinct areas after interim action was completed.
- Soil conditions in the Gasoline and Maintenance Area do not exceed current screening levels, but groundwater exceedances were observed primarily in the monitoring well in the southwest corner of the area.

In addition to the interim actions within the investigation areas listed above, the ASB within the WWTP was closed in early 2015 following removal of bottom solids. The remaining aboveground structures of the WWTP were demolished in 2016.

Multiple investigation areas did not warrant active cleanup based on the results of past environmental investigations, including the Silvichemical Area, Powerhouse Area, Wood Chip Storage Area, Warehouse Area, Hog Fuel Storage Area, and Shoreline Area. The rationale for these determinations is summarized below:

- Soil samples from the Silvichemical Area, Wood Chip Storage Area, Warehouse Area, and Hog Fuel Storage Area did not exhibit exceedances of applicable screening levels during past investigations.
- The Powerhouse Area may have remaining soils exceeding current screening levels within the former building crawlspace. However, the substantial subsurface infrastructure remaining, with concrete slabs thicker than 2 ft, functions as a limit and surface cap of potential constituent migration and exposure (Landau Associates, 2017).
- The Shoreline Area did not undergo any interim action as potential groundwater impacts were considered to be addressed through the removal of upland potential source material (soil excavation) in individual investigation areas, where applicable (e.g., Rayonier, 1996a), or buffered by clean imported fill (e.g., Pacific Environmental Group, 1995).



NFA determinations were issued by Ecology based on review of the interim actions completed in the investigation area or on review of analytical data that identified no risk to soil or groundwater conditions. Ecology's NFA determinations remain in effect and include the following investigation areas:

- Paper Machine Area (Paper Mill)
- Boneyard Area
- Finishing Area
- Silvichemical Area
- Log Yard Area
- Fuel Oil Tank/Utility Chase Area

Results from past investigations also resulted in restrictive covenants being issued for most of the Site. The restrictive covenants were a condition of the NFA determinations made by Ecology and identify areas of the Site restricted to industrial use only, as defined by the City of Hoquiam; prohibit potable use of groundwater; and require notice be given to Ecology prior to future sale of the property.

Overall, the primary known sources of soil impacts at the Site have been remediated by interim actions. However, there may be localized areas within select investigation areas where soils in exceedance of current applicable screening levels remain. Groundwater conditions appear to be related to past soil conditions (Pacific Environmental Group., 1996c), with groundwater exceedances having decreased historically after soil excavation.



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Tables

Table 1
1995 Groundwater Elevations
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Grays Harbor, Washington

Well ID	Well Depth (ft)	Screen Interval (ft)	Top of Casing Elevation (ft)	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)
MW-1	13.5	3.5-13.5	17.76	3/22/95	4.38	13.38
				6/13/95	4.75	13.01
				9/26/95	4.95	12.81
				12/13/95	4.27	13.49
MW-2	16	6-16	19.10	3/22/95	8.90	10.20
				6/13/95	9.37	9.73
				9/26/95	10.30	8.8
				12/13/95	9.20	9.9
MW-3	14	4-14	16.23	3/22/95	3.18	13.05
				6/13/95	3.22	13.01
				9/26/95	3.55	12.68
				12/13/95	3.02	13.21
MW-4	14	4-14	15.45	3/22/95	1.65	13.80
				6/13/95	2.09	13.36
				9/26/95	2.05	13.40
				12/13/95	1.61	13.84
MW-5	15	5-15	17.33	3/22/95	NA	NC
				6/13/95	NA	NC
				9/26/95	NA	NC
				12/13/95	NA	NC
MW-6	15	5-15	14.52	3/22/95	NA	NC
				6/13/95	NA	NC
				9/26/95	NA	NC
				12/13/95	NA	NC
MW-7	15	5-15	16.16	3/22/95	0.49	15.67
				6/13/95	1.40	14.76
				9/26/95	1.70	14.46
				12/13/95	0.70	15.46
MW-8	15	5-15	19.13	3/22/95	6.07	13.06
				6/13/95	5.84	13.29
				9/26/95	5.92	13.21
				12/13/95	6.26	12.87
MW-9	15	5-15	15.39	3/22/95	7.11	8.28
				6/13/95	7.40	7.99
				9/26/95	7.98	7.41
				12/13/1995	6.72	8.67
MW-10	15	5-15	15.20	3/22/95	8.21	6.99
				6/13/95	8.14	7.06
				9/26/95	8.29	6.91
				12/13/95	6.95	8.25
MW-11	15	5-15	14.62	3/22/95	5.82	8.80
				6/13/95	6.36	8.26
				9/26/95	6.96	7.66
				12/13/95	5.23	9.39

Table 1
1995 Groundwater Elevations
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Grays Harbor, Washington

Well ID	Well Depth (ft)	Screen Interval (ft)	Top of Casing Elevation (ft)	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)
MW-12	15	5-15	13.92	3/22/95	4.10	9.82
				6/13/95	4.67	9.25
				9/26/95	5.28	8.64
				12/13/95	4.95	8.97
MW-13	15	5-15	12.51	3/22/95	3.11	9.40
				6/13/95	3.30	9.21
				9/26/95	4.47	8.04
				12/13/95	2.82	9.69
MW-14	UNK	UNK	12.99	3/22/95	4.93	8.06
				6/13/95	4.93	8.06
				9/26/95	5.63	7.36
				12/13/95	4.15	8.84
MW-15	UNK	UNK	15.62	3/22/95	6.45	9.17
				6/13/95	6.79	8.83
				9/26/95	7.53	8.09
				12/13/95	6.26	9.36
T-1 ¹	UNK	UNK	13.45	3/22/95	2.74	10.71
				6/13/95	4.17	9.28
				9/26/95	5.95	7.5
				12/13/95	4.95	8.50
C-1	15	5-15	15.84	3/22/95	4.52	11.32
				6/13/95	4.87	10.97
				9/26/95	5.43	10.41
				12/13/95	4.7	11.14
C-2	15	5-15	13.35	3/22/95	4.37	8.98
				6/13/95	4.97	8.38
				9/26/95	5.27	8.08
				12/13/95	4.23	9.12
C-3	15	5-15	13.56	3/22/95	4.67	8.89
				6/13/95	5.92	7.64
				9/26/95	6.8	6.76
				12/13/95	9.95	3.61
C-4	15	5-15	18.33	3/22/95	9.67	8.66
				6/13/95	9.52	8.81
				9/26/95	10.06	8.27
				12/13/95	9.52	8.81
C-5	20	5-20	18.09	3/22/95	9.42	8.67
				6/13/95	10.49	7.6
				9/26/95	10.53	7.56
				12/13/95	9.54	8.55
C-6	20	5-20	17.57	3/22/95	NA	NC
				6/13/95	9.75	7.82
				9/26/95	10.05	7.52
				12/13/95	NA	NC

Table 1
1995 Groundwater Elevations
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Grays Harbor, Washington

Well ID	Well Depth (ft)	Screen Interval (ft)	Top of Casing Elevation (ft)	Date	Depth to Groundwater (ft)	Groundwater Elevation (ft)
C-7	15	5-15	14.18	3/22/95	4.09	10.09
				6/13/95	4.51	9.67
				9/26/95	5.35	8.83
				12/13/95	3.35	10.83
C-8	20	5-20	16.81	3/22/95	7.1	9.71
				6/13/95	7.83	8.98
				9/26/95	8.06	8.75
				12/13/95	7.37	9.44
C-13	15	5-15	17.86	3/22/95	7.38	10.48
				6/13/95	7.45	10.41
				9/26/95	7.92	9.94
				12/13/95	7.58	10.28
C-16 ¹	15	5-15	15.12	3/22/95	1.45	13.67
				6/13/95	2.07	13.05
				9/26/95	2.60	12.52
				12/13/95	1.39	13.73
C-17	15	5-15	16.19	3/22/95	2.90	13.29
				6/13/95	3.71	12.48
				9/26/95	4.00	12.19
				12/13/95	2.62	13.57
C-18 ¹	15	5-15	19.96	3/22/95	8.45	11.51
				6/13/95	9.64	10.32
				9/26/95	10.01	9.95
				12/13/95	8.44	11.52
C-19 ¹	15	5-15	17.14	3/22/95	1.91	15.23
				6/13/95	3.61	13.53
				9/26/95	NA	NC
				12/13/95	NA	NC

Notes:

¹ Piezometers used for groundwater gauging only.

- Elevations surveyed relative to mean sea level.

- Datum used was Rayonier Mill Datum.

ft = feet

ID = identification

NA = not measured

NC = not calculated

Table 2
Past Soil Data Summary
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Investigation Area	Constituent	CAS	Number of Samples	Number of Detections	Frequency of Detection (%)
Paper Machine Area (Paper Mill)	Chromium, total	7440-47-3	8	8	100
	Copper	7440-50-8	7	7	100
	Extended Diesel Range Organics	EXT-DRO	23	23	100
	Nickel	7440-02-0	7	7	100
	Zinc	7440-66-6	7	7	100
	TPH	TPH	27	26	96
	Lead	7439-92-1	7	6	86
	Silver	7440-22-4	7	6	86
	PCBs	1336-36-3	83	68	82
	TPH as Motor Oil Range Organics	MRO	14	11	79
	TPH as Diesel Range Organics	DRO	56	42	75
	Mercury	7439-97-6	7	5	71
	Bis(2-ethylhexyl) phthalate	117-81-7	33	10	30
	Fluoranthene	206-44-0	33	5	15
	Cadmium	7440-43-9	7	1	14
	Pyrene	129-00-0	33	4	12
	Benzo[b]fluoranthene	205-99-2	33	2	6
	Chrysene	218-01-9	33	2	6
	Phenanthrene	85-01-8	33	2	6
	Anthracene	120-12-7	33	1	3
	Benzo[a]anthracene	56-55-3	33	1	3
	Benzo[a]pyrene	50-32-8	33	1	3
	Benzo[g,h,i]perylene	191-24-2	33	1	3
	Benzo[k]fluoranthene	207-08-9	33	1	3
	Indeno(1,2,3-C,D)Pyrene	193-39-5	33	1	3
	Priority Pollutant Metals	Metals_PP	7	0	0
	Total SVOCs, Total SVOCs (Max DL)	TSVOC	31	0	0
Total VOCs	TOTVOCs	33	0	0	
Boneyard Area	TPH as Diesel Range Organics	DRO	11	11	100
	Lead	7439-92-1	133	122	92
	TPH as Motor Oil Range Organics	MRO	34	30	88
	PCBs	1336-36-3	120	99	83
	Chromium, total	7440-47-3	92	74	80
	TPH	TPH	83	45	54
Finishing Area	TPH as Motor Oil Range Organics	MRO	73	66	90
	TPH as Diesel Range Organics	DRO	73	64	88
Silvichemical Area	Aluminum	7429-90-5	8	8	100
	Copper	7440-50-8	8	8	100
	Iron	7439-89-6	8	8	100
	TPH as Motor Oil Range Organics	MRO	1	1	100
	Zinc	7440-66-6	8	8	100
	Chromium, total	7440-47-3	58	56	97
	Chromium, hexavalent	18540-29-9	19	10	53
TPH as Diesel Range Organics	DRO	1	0	0	
Log Yard Area	Chromium, total	7440-47-3	3	3	100
	TPH	TPH	13	12	92
	TPH as Diesel Range Organics	DRO	26	23	88
	TPH as Motor Oil Range Organics	MRO	28	24	86
	Extended Diesel Range Organics	EXT-DRO	12	10	83
	Lead	7439-92-1	3	2	67
	PAHs, total (QM calculated)	PAHs_total	12	0	0

Table 2
Past Soil Data Summary
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Investigation Area	Constituent	CAS	Number of Samples	Number of Detections	Frequency of Detection (%)
Gasoline and Maintenance Area	TPH as Motor Oil Range Organics	MRO	15	14	93
	TPH as Diesel Range Organics	DRO	15	12	80
	Lead	7439-92-1	15	11	73
	TPH as Gasoline Range Organics	GRO	15	3	20
	Benzene	71-43-2	14	1	7
	Ethylbenzene	100-41-4	14	1	7
	Toluene	108-88-3	14	1	7
	Xylenes	1330-20-7	14	1	7
	BTEX	C-602X-T	15	1	7
	Chromium, total	7440-47-3	15	0	0
Fuel Oil Tank/Utility Chase Area	Chromium, total	7440-47-3	35	35	100
	Fuel Oil #6 C12-C24	ARC-C12C24FO	9	8	89
	Extended Diesel Range Organics	EXT-DRO	7	5	71
	TPH as Diesel Range Organics	DRO	53	37	70
	Lead	7439-92-1	30	20	67
	TPH as Motor Oil Range Organics	MRO	51	33	65
	Chrysene	218-01-9	32	5	16
	Benzo[a]anthracene	56-55-3	32	3	9
	Fluoranthene	206-44-0	32	3	9
	Xylenes	1330-20-7	36	3	8
	Pyrene	129-00-0	15	1	7
	Benzo[a]pyrene	50-32-8	32	2	6
	Phenanthrene	85-01-8	32	2	6
	Ethylbenzene	100-41-4	36	2	6
	Toluene	108-88-3	36	2	6
	Benzene	71-43-2	36	1	3
	All other PAHs	PAHs_other	26	0	0
	PAHs, total (QM calculated)	PAHs_total	6	0	0
	PCB-1016 (Aroclor 1016)	12674-11-2	1	0	0
	PCB-1221 (Aroclor 1221)	11104-28-2	1	0	0
	PCB-1232 (Aroclor 1232)	11141-16-5	1	0	0
	PCB-1242 (Aroclor 1242)	53469-21-9	1	0	0
	PCB-1248 (Aroclor 1248)	12672-29-6	1	0	0
	PCB-1254 (Aroclor 1254)	11097-69-1	1	0	0
	PCB-1260 (Aroclor 1260)	11096-82-5	1	0	0
	PCBs	1336-36-3	1	0	0
	TPH	TPH	2	0	0

Table 2
Past Soil Data Summary
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Investigation Area	Constituent	CAS	Number of Samples	Number of Detections	Frequency of Detection (%)
Powerhouse Area	Chromium, total	7440-47-3	13	13	100
	TPH as Motor Oil Range Organics	MRO	29	29	100
	TPH as Diesel Range Organics	DRO	29	25	86
	Chrysene	218-01-9	16	6	38
	Pyrene	129-00-0	16	6	38
	Benzo[a]anthracene	56-55-3	16	5	31
	Benzo[a]pyrene	50-32-8	16	3	19
	Phenanthrene	85-01-8	16	3	19
	Xylenes	1330-20-7	16	3	19
	Benzo[b]fluoranthene	205-99-2	16	2	13
	Benzo[g,h,i]perylene	191-24-2	16	2	13
	Ethylbenzene	100-41-4	16	2	13
	Fluoranthene	206-44-0	16	2	13
	Toluene	108-88-3	16	2	13
	Benzene	71-43-2	16	1	6
	Fluorene	86-73-7	16	1	6
	Acenaphthene	83-32-9	16	0	0
	Anthracene	120-12-7	16	0	0
	Benzo[k]fluoranthene	207-08-9	16	0	0
	Dibenz[a,h]anthracene	53-70-3	16	0	0
Indeno(1,2,3-C,D)Pyrene	193-39-5	16	0	0	
Naphthalene	91-20-3	16	0	0	
Wood Chip Storage Area	Chromium, total	7440-47-3	12	12	100
	Extended Diesel Range Organics	EXT-DRO	1	1	100
	Total Petroleum Hydrocarbons	TPH	1	1	100
	TPH as Diesel Range Organics	DRO	14	3	21
	TPH as Motor Oil Range Organics	MRO	14	3	21
	Lead	7439-92-1	12	0	0
	PAHs, total (QM calculated)	PAHs_total	1	0	0
	Warehouse Area	Chromium, total	7440-47-3	18	18	100
TPH as Motor Oil Range Organics		MRO	17	2	12
Lead		7439-92-1	18	1	6
Polychlorinated Biphenyl (PCBs)		1336-36-3	4	0	0
TPH as Diesel Range Organics		DRO	12	0	0
Hog Fuel Storage Area	Chromium, total	7440-47-3	23	23	100
	Lead	7439-92-1	23	11	48
	TPH	TPH	3	0	0
Rennie Island	Chromium, total	7440-47-3	11	11	100
	Chromium, hexavalent	18540-29-9	10	0	0
	Other VOCs	VOCs_other	5	0	0
	Total SVOCs, Total SVOCs (Max DL)	TSVOC	6	0	0

Notes:

- This summary includes all past soil data collected, including pre- and post-interim action data, where applicable.

% = percent

BTEX = benzene, toluene, ethylbenzene, and xylenes

PAH = polyaromatic hydrocarbon

PCB = polychlorinated biphenyl

SVOC = semi-volatile organic carbon

TPH = total petroleum hydrocarbon

VOC = volatile organic carbons

Table 3
Past Groundwater Data Summary
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Investigation Area	Constituent	CAS	Number of Samples	Number of Detections	Frequency of Detection (%)
Boneyard Area	Chromium, total	7440-47-3	9	7	78
	Lead	7439-92-1	115	50	43
	TPH as Diesel Range Organics	DRO	36	14	39
	TPH as Motor Oil Range Organics	MRO	43	16	37
	PCBs	1336-36-3	50	10	20
	TPH	TPH	26	5	19
	PAHs, total (QM calculated)	PAHs_total	36	1	3
Silvichemical Area	TPH as Diesel Range Organics	DRO	9	7	78
	Chromium, total	7440-47-3	4	3	75
	TPH as Motor Oil Range Organics	MRO	10	4	40
	BTEX	C-602X-T	8	2	25
	PAHs, total (QM calculated)	PAHs_total	8	2	25
	Acetone	67-64-1	1	0	0
	Other VOCs	VOCs_other	1	0	0
	Total SVOCs, Total SVOCs (Max DL)	TSVOC	1	0	0
	TPH as Gasoline Range Organics	GRO	3	0	0
Log Yard Area	Calcium	7440-70-2	1	1	100
	Sodium	7440-23-5	1	1	100
	Total Dissolved Solids (Residue, Filterable)	TDS	1	1	100
	TPH as Diesel Range Organics	DRO	7	7	100
	Chromium, total	7440-47-3	6	4	67
	TPH as Motor Oil Range Organics	MRO	6	4	67
	Lead	7439-92-1	19	8	42
	1,1,1-Trichloroethane	71-55-6	1	0	0
	Acetone	67-64-1	2	0	0
	Benzoic acid	65-85-0	1	0	0
	BTEX	C-602X-T	2	0	0
	Chloroform	67-66-3	1	0	0
	Chloromethane	74-87-3	1	0	0
	Chromium, hexavalent	18540-29-9	1	0	0
	ICAP Metals	Metals_ICAP	1	0	0
	Methyl Ethyl Ketone	78-93-3	1	0	0
	Other VOCs	VOCs_other	1	0	0
	PAHs, total (QM calculated)	PAHs_total	4	0	0
	Phenol	108-95-2	1	0	0
	PCBs	1336-36-3	1	0	0
	Total SVOCs, Total SVOCs (Max DL)	TSVOC	1	0	0

Table 3
Past Groundwater Data Summary
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Investigation Area	Constituent	CAS	Number of Samples	Number of Detections	Frequency of Detection (%)
Gasoline and Maintenance Area	Acetone	67-64-1	1	1	100
	Benzene	71-43-2	10	10	100
	Calcium	7440-70-2	1	1	100
	Ethylbenzene	100-41-4	10	10	100
	Iron	7439-89-6	1	1	100
	Magnesium	7439-95-4	1	1	100
	Methyl Ethyl Ketone	78-93-3	1	1	100
	Sodium	7440-23-5	1	1	100
	Toluene	108-88-3	10	10	100
	Xylenes	1330-20-7	10	10	100
	TPH as Diesel Range Organics	DRO	11	8	73
	TPH as Gasoline Range Organics	GRO	15	10	67
	Lead	7439-92-1	23	9	39
	BTEX	C-602X-T	8	1	13
	TPH as Motor Oil Range Organics	MRO	10	1	10
	1,1,1-Trichloroethane	71-55-6	1	0	0
	Benzoic acid	65-85-0	1	0	0
	Chloroform	67-66-3	1	0	0
	Chloromethane	74-87-3	1	0	0
	Chromium, total	7440-47-3	2	0	0
ICAP Metals	Metals_ICAP	1	0	0	
PAHs, total (QM calculated)	PAHs_total	3	0	0	
Phenol	108-95-2	1	0	0	
PCBs	1336-36-3	1	0	0	
Fuel Oil Tank/Utility Chase Area	Acetone	67-64-1	1	1	100
	Calcium	7440-70-2	1	1	100
	Chloromethane	74-87-3	1	1	100
	Magnesium	7439-95-4	1	1	100
	Sodium	7440-23-5	1	1	100
	TPH as Diesel Range Organics	DRO	9	3	33
	1,1,1-Trichloroethane	71-55-6	1	0	0
	Benzoic acid	65-85-0	1	0	0
	BTEX	C-602X-T	2	0	0
	Chloroform	67-66-3	1	0	0
	Chromium, total	7440-47-3	1	0	0
	ICAP Metals	Metals_ICAP	1	0	0
	Lead	7439-92-1	1	0	0
	Methyl Ethyl Ketone	78-93-3	1	0	0
	PAHs, total (QM calculated)	PAHs_total	2	0	0
	Phenol	108-95-2	1	0	0
	PCBs	1336-36-3	1	0	0
TPH as Motor Oil Range Organics	MRO	9	0	0	
Powerhouse Area	Chromium, total	7440-47-3	1	1	100
	TPH as Diesel Range Organics	DRO	9	9	100
	TPH as Motor Oil Range Organics	MRO	10	6	60
	PAHs, total (QM calculated)	PAHs_total	9	1	11
	BTEX	C-602X-T	3	0	0
Warehouse Area	Chromium, total	7440-47-3	1	0	0
	Lead	7439-92-1	1	0	0
	TPH as Diesel Range Organics	DRO	1	0	0
	TPH as Motor Oil Range Organics	MRO	1	0	0

Table 3
Past Groundwater Data Summary
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Investigation Area	Constituent	CAS	Number of Samples	Number of Detections	Frequency of Detection (%)
Hog Fuel Storage Area	TPH as Diesel Range Organics	DRO	7	7	100
	Lead	7439-92-1	19	9	47
	TPH as Motor Oil Range Organics	MRO	6	1	17
	Acetone	67-64-1	1	0	0
	BTEX	C-602X-T	2	0	0
	Chromium, hexavalent	18540-29-9	1	0	0
	Chromium, total	7440-47-3	2	0	0
	Other VOCs	VOCs_other	1	0	0
	PAHs, total (QM calculated)	PAHs_total	4	0	0
Total SVOCs, Total SVOCs (Max DL)	TSVOC	1	0	0	
Shoreline Area	Sodium	7440-23-5	5	5	100
	Magnesium	7439-95-4	4	4	100
	Iron	7439-89-6	2	2	100
	Aluminum	7429-90-5	3	3	100
	Calcium	7440-70-2	5	5	100
	Total Dissolved Solids (Residue, Filterable)	TDS	5	5	100
	TPH as Diesel Range Organics	DRO	57	38	67
	Acetone	67-64-1	11	6	55
	Methyl Ethyl Ketone	78-93-3	5	2	40
	Lead	7439-92-1	32	8	25
	Benzoic acid	65-85-0	5	1	20
	Chloromethane	74-87-3	5	1	20
	Phenol	108-95-2	5	1	20
	TPH as Motor Oil Range Organics	MRO	57	11	19
	Chromium, total	7440-47-3	16	1	6
	Chloroform	67-66-3	5	0	0
	1,1,1-Trichloroethane	71-55-6	5	0	0
	Polychlorinated Biphenyl (PCBs)	1336-36-3	10	0	0
	Chromium, hexavalent	18540-29-9	4	0	0
	BTEX	C-602X-T	23	0	0
	Other VOCs	VOCs_other	6	0	0
	Total SVOCs, Total SVOCs (Max DL)	TSVOC	6	0	0
	PAHs, total (QM calculated)	PAHs_total	33	0	0
ICAP Metals	Metals_ICAP	4	0	0	
TPH as Gasoline Range Organics	GRO	5	0	0	
Wastewater Treatment Plant Basin Area (Northern Boundary)	Acetone	67-64-1	1	1	100
	Calcium	7440-70-2	1	1	100
	Magnesium	7439-95-4	1	1	100
	Methyl Ethyl Ketone	78-93-3	1	1	100
	Sodium	7440-23-5	1	1	100
	TPH as Diesel Range Organics	DRO	9	7	78
	TPH as Motor Oil Range Organics	MRO	9	1	11
	1,1,1-Trichloroethane	71-55-6	1	0	0
	Benzoic acid	65-85-0	1	0	0
	BTEX	C-602X-T	2	0	0
	Chloroform	67-66-3	1	0	0
	Chloromethane	74-87-3	1	0	0
	Chromium, total	7440-47-3	1	0	0
	ICAP Metals	Metals_ICAP	1	0	0
	Lead	7439-92-1	1	0	0
	PAHs, total (QM calculated)	PAHs_total	2	0	0
	Phenol	108-95-2	1	0	0
PCBs	1336-36-3	1	0	0	

Table 3
Past Groundwater Data Summary
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Investigation Area	Constituent	CAS	Number of Samples	Number of Detections	Frequency of Detection (%)
Rennie Island	Nitrate	14797-55-8	24	24	100
	Phosphate	14265-44-2	27	27	100
	Phosphorus	7723-14-0	27	27	100
	Ammonia	7664-41-7	27	23	85
	Benzoic acid	65-85-0	4	3	75
	Benzyl Butyl Phthalate	85-68-7	4	3	75
	Diethyl Phthalate	84-66-2	4	3	75
	Acetone	67-64-1	4	2	50
	4-Chloro-3-Methylphenol	59-50-7	4	1	25
	Benzyl Alcohol	100-51-6	4	1	25
	Bis(2-ethylhexyl) phthalate	117-81-7	4	1	25
	Chromium, hexavalent	18540-29-9	4	0	0
	Chromium, total	7440-47-3	3	0	0
	Nitrite	14797-65-0	24	0	0
	Other VOCs	VOCs_other	4	0	0
	Total SVOCs, Total SVOCs (Max DL)	TSVOC	4	0	0

Notes:

- This summary includes all past groundwater data collected, including pre- and post-interim action data, where applicable.

% = percent

BTEX = benzene, toluene, ethylbenzene, and xylenes

PAH = polyaromatic hydrocarbon

PCB = polychlorinated biphenyl

SVOC = semi-volatile organic carbon

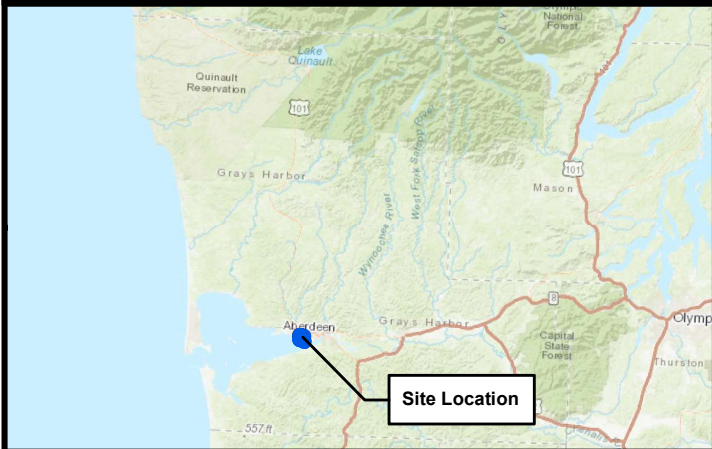
TPH = total petroleum hydrocarbon

VOC = volatile organic carbons



Figures

- Legend**
- Approximate Upland Site Boundary
 - Rennie Island Impoundments



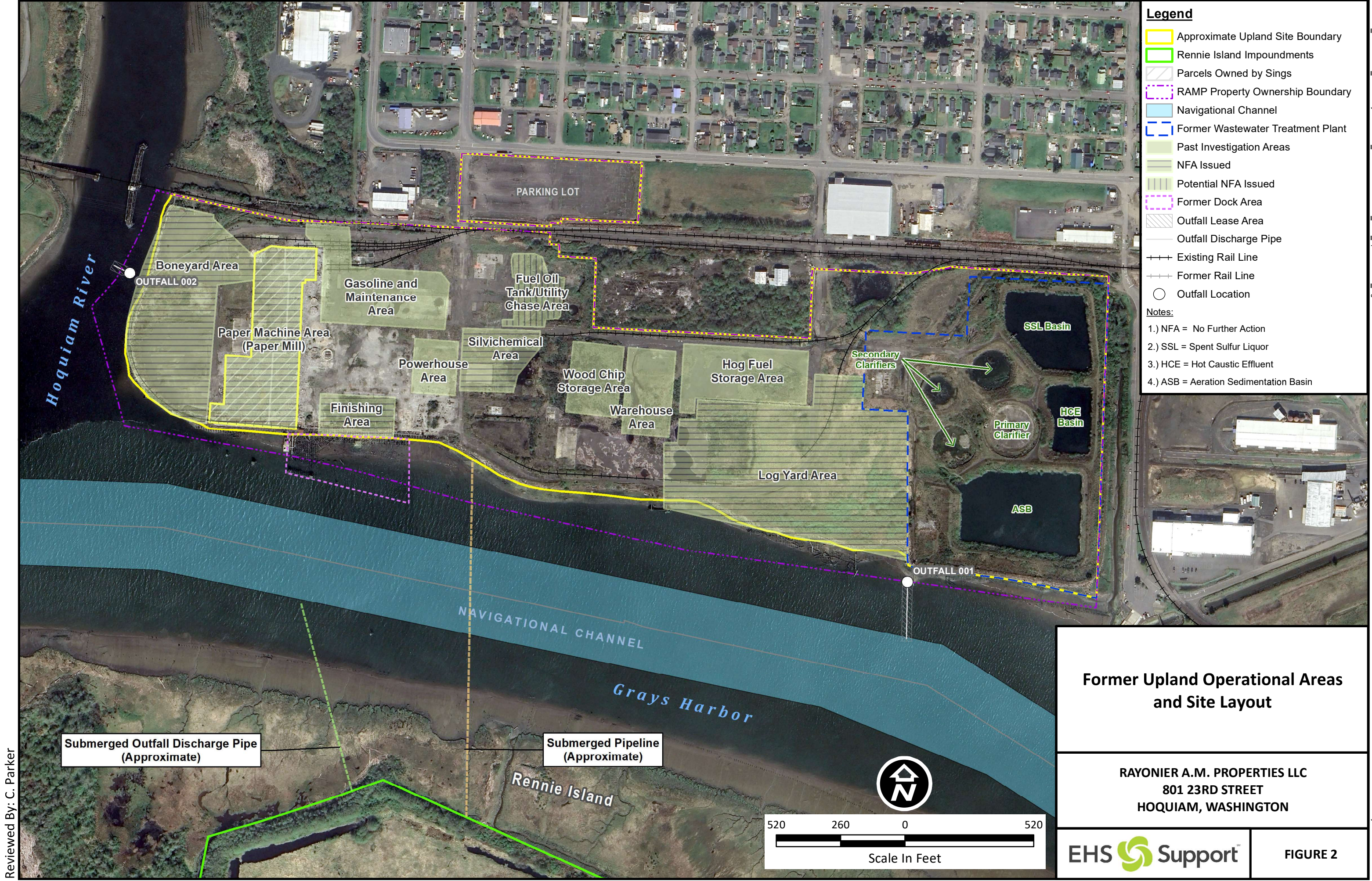
Site Location

**RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON**

EHS Support **FIGURE 1**

Reviewed By: C. Parker

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- Legend**
- Approximate Upland Site Boundary
 - Rennie Island Impoundments
 - Parcels Owned by Sings
 - RAMP Property Ownership Boundary
 - Navigational Channel
 - Former Wastewater Treatment Plant
 - Past Investigation Areas
 - NFA Issued
 - Potential NFA Issued
 - Former Dock Area
 - Outfall Lease Area
 - Outfall Discharge Pipe
 - Existing Rail Line
 - Former Rail Line
 - Outfall Location

- Notes:**
- 1.) NFA = No Further Action
 - 2.) SSL = Spent Sulfur Liquor
 - 3.) HCE = Hot Caustic Effluent
 - 4.) ASB = Aeration Sedimentation Basin

Former Upland Operational Areas and Site Layout

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

EHS Support

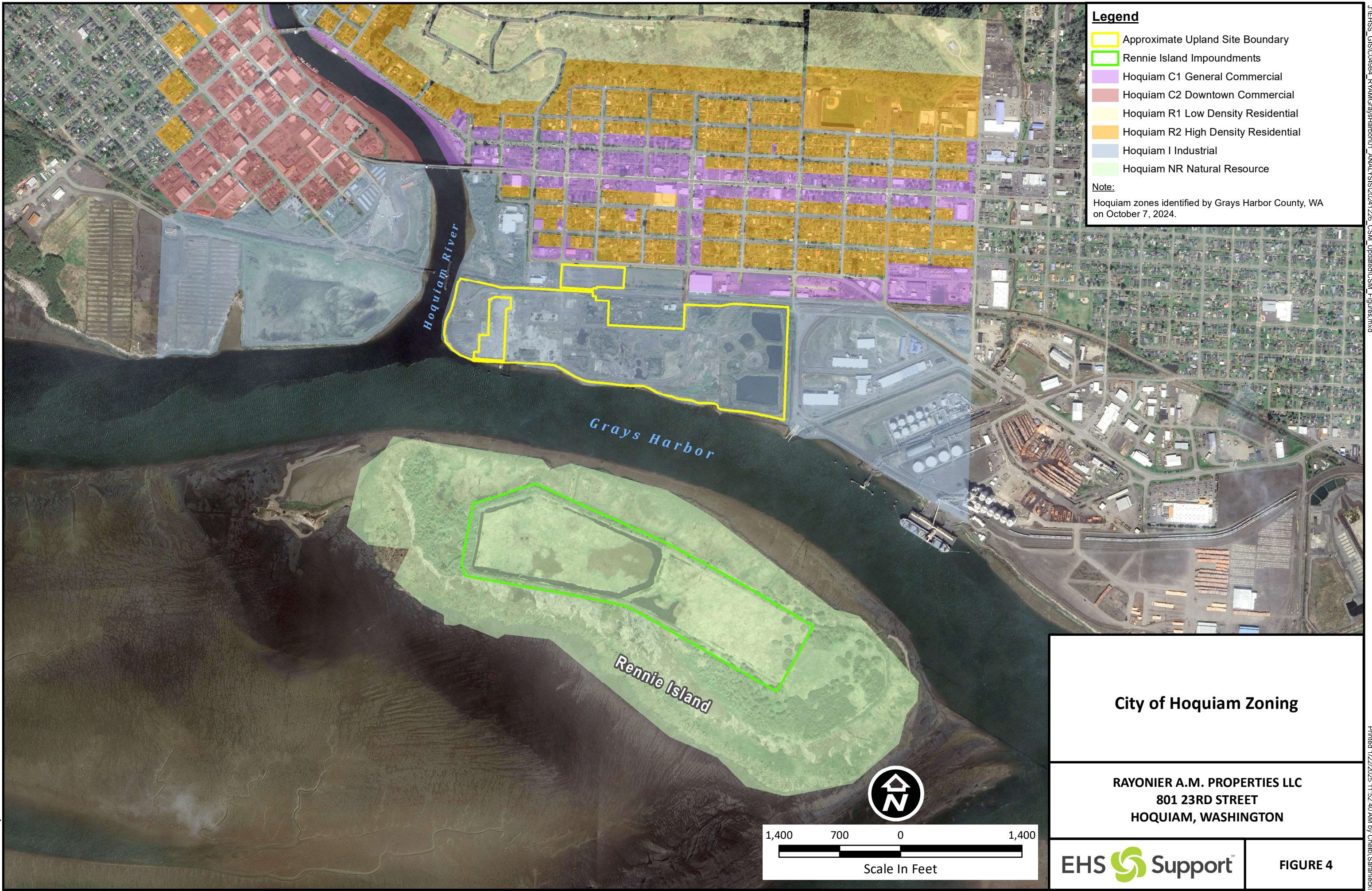
FIGURE 2

Reviewed By: C. Parker

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FIGURE 3



Legend

- Approximate Upland Site Boundary
- Rennie Island Impoundments
- Hoquiam C1 General Commercial
- Hoquiam C2 Downtown Commercial
- Hoquiam R1 Low Density Residential
- Hoquiam R2 High Density Residential
- Hoquiam I Industrial
- Hoquiam NR Natural Resource

Note:

Hoquiam zones identified by Grays Harbor County, WA on October 7, 2024.

City of Hoquiam Zoning

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON


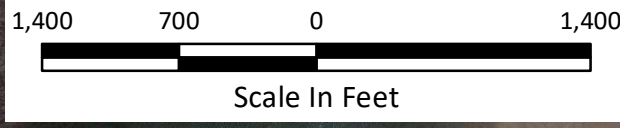
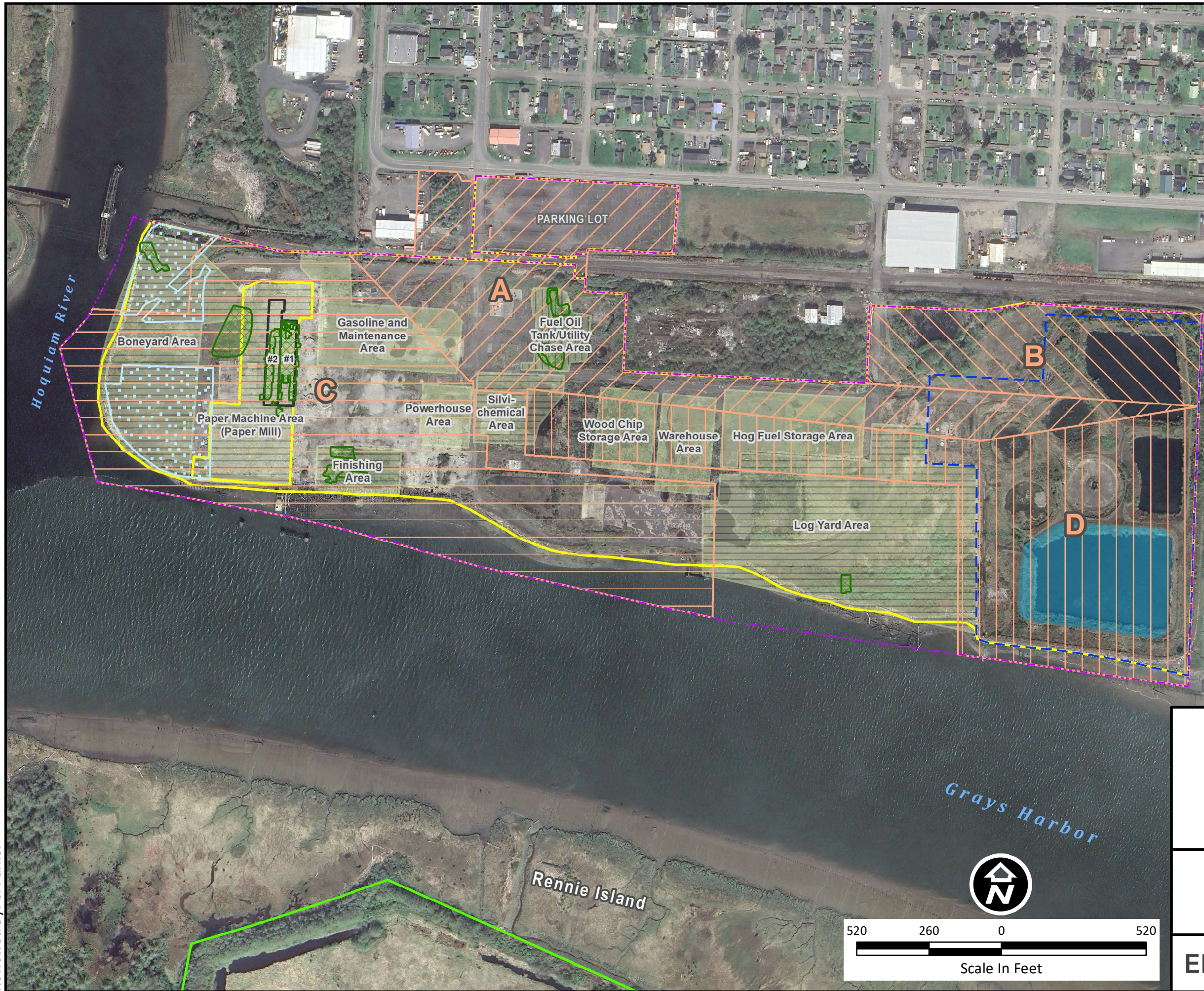


FIGURE 4





Legend

- Approximate Upland Site Boundary
- Rennie Island Impoundments
- RAMP Property Ownership Boundary
- Paper Machines #1 and #2
- Former Wastewater Treatment Plant
- Past Investigation Areas
- NFA Issued
- Potential NFA Issued
- ASB Closure Complete

Restrictive Covenants

- RC Parcel A
- RC Parcel B
- RC Parcel C
- RC Parcel D

Interim Actions

- Approximate Soil Excavation Areas
- Asphalt Cap

Notes:

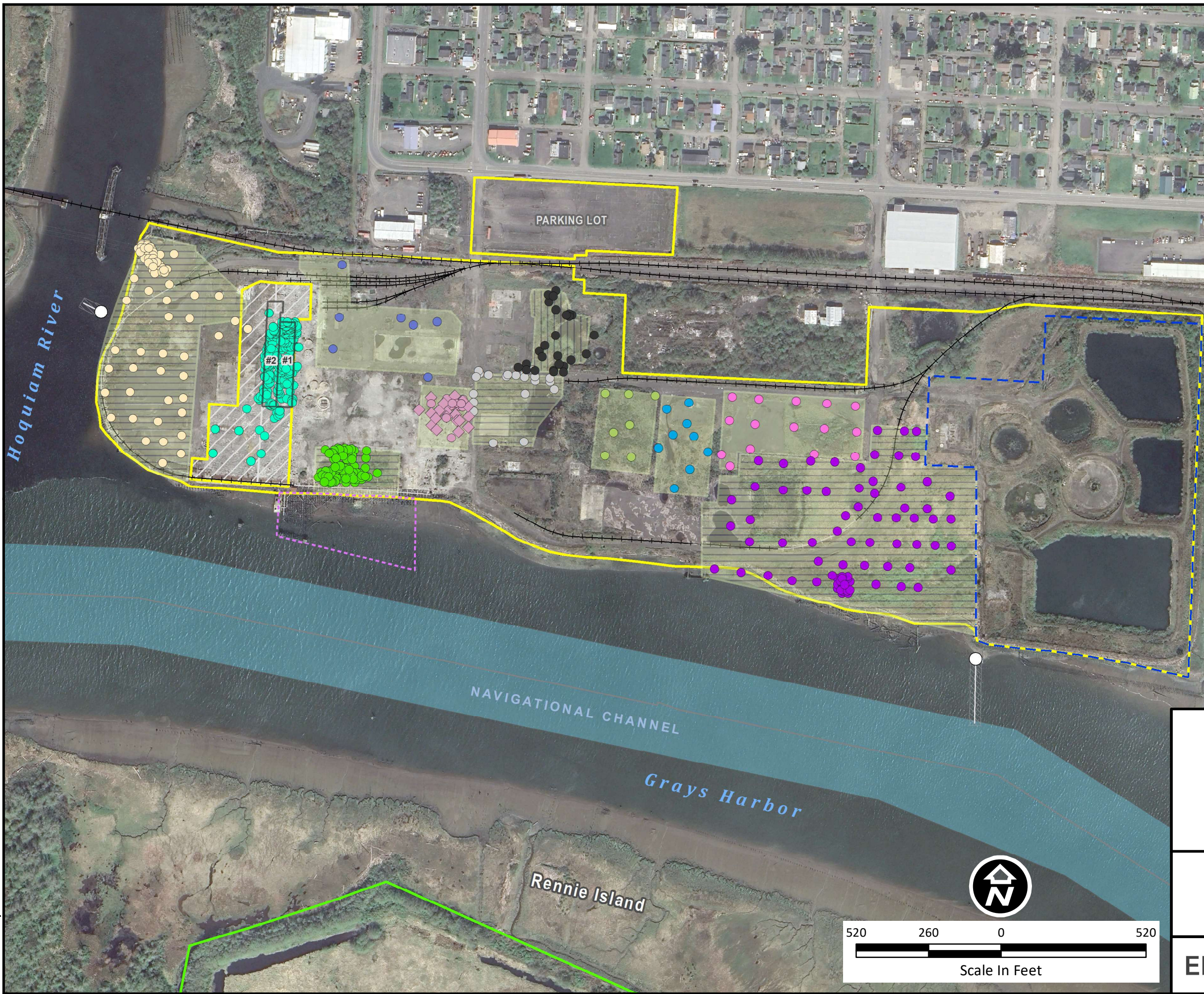
- 1.) Parcels surveyed by Berglund, Schmidt & Associates, Inc. in 1993.
- 2.) Restrictive covenants identify areas of the Site restricted to industrial purposes only, as defined by the City of Hoquiam; prohibit potable use of groundwater; and require notice be given to Ecology prior to future sale of the property.
- 3.) ASB = Aeration Sedimentation Basin
- 4.) NFA = No Further Action
- 5.) RC = Restrictive Covenant
- 6.) In 2014, the ASB was drained and bottom solids dredged for off-site disposal by the Grays Harbor Public Utility District.

Interim Actions, NFAs, and Restrictive Covenants

RAYONIER A.M. PROPERTIES LLC
 801 23RD STREET
 HOQUIAM, WASHINGTON

EHS Support

FIGURE 5



- Legend**
- Approximate Upland Site Boundary
 - Rennie Island Impoundments
 - Paper Machines #1 and #2
 - Parcels Owned by Sings
 - Navigational Channel
 - Former Wastewater Treatment Plant
 - Past Investigation Areas
 - NFA Issued
 - Potential NFA Issued
 - Former Dock Area
 - Outfall Lease Area
 - Outfall Discharge Pipe
 - Existing Rail Line
 - Former Rail Line
 - Outfall Location
 - Boneyard Area Soil Sample Locations
 - Finishing Area Soil Sample Locations
 - Gasoline and Maintenance Area Soil Sample Locations
 - Hog Fuel Area Soil Sample Locations
 - Log Yard Area Soil Sample Locations
 - Fuel Oil Tank/Utility Chase Area Soil Sample Locations
 - Paper Machine Area (Paper Mill) Soil Sample Locations
 - Powerhouse Area Soil Sample Locations
 - ◆ Powerhouse Area NAPL Field Screening Locations
 - Silvichemical Area Soil Sample Locations
 - Warehouse Area Soil Sample Locations
 - Wood Chip Storage Area Soil Sample Locations

Past Upland Site Soil Sample Locations

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

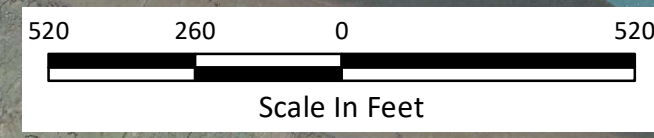


FIGURE 6



Legend

- Approximate Upland Site Boundary
- Rennie Island Impoundments
- Parcels Owned by Sings
- Navigational Channel
- Approximate Location of Submerged Outfall Discharge Pipe
- Approximate Location of Submerged Pipeline
- Approximate Past Soil Sample Location
- ⊕ Approximate Past Soil and Groundwater Sample Location
- ◆ Approximate Past Surface Water Sample Location

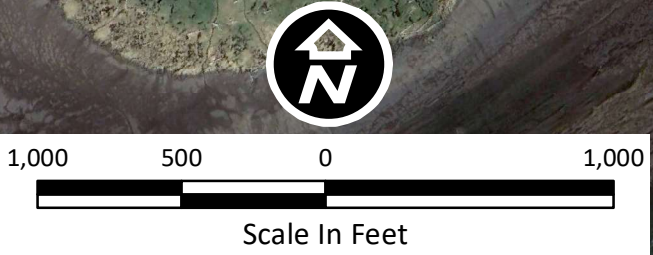
Note:
 Depths provided in parentheses are soil sample depths.

Past Rennie Island Soil and Groundwater Sample Locations

RAYONIER A.M. PROPERTIES LLC
 801 23RD STREET
 HOQUIAM, WASHINGTON

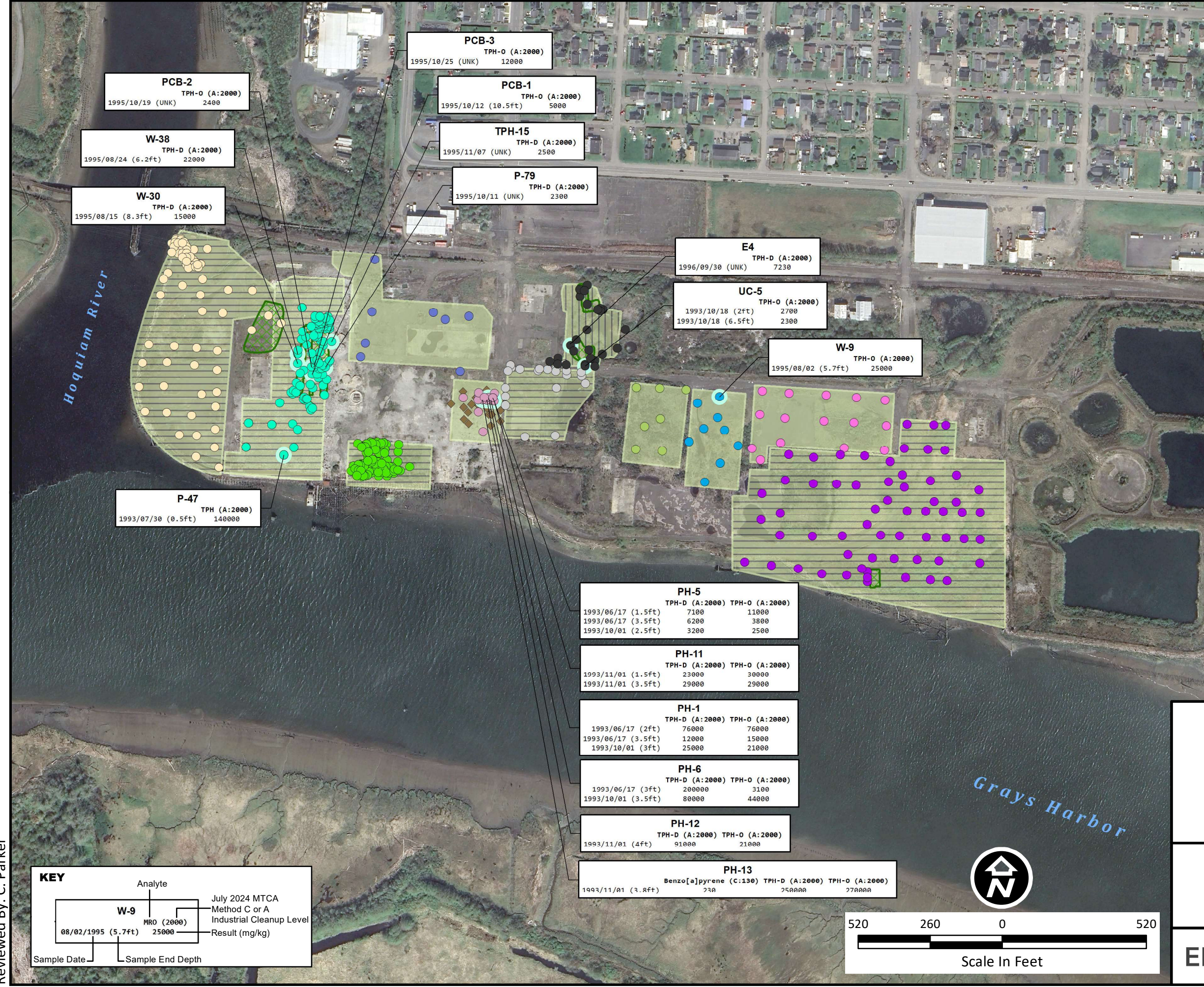
EHS Support

FIGURE 8



- ### Legend
- Past Investigation Areas
 - NFA Issued
 - Potential NFA Issued
 - Boneyard Area Soil Sample Locations
 - Finishing Area Soil Sample Locations
 - Gasoline and Maintenance Area Soil Sample Locations
 - Hog Fuel Storage Area Soil Sample Locations
 - Log Yard Area Soil Sample Locations
 - Fuel Oil Tank/Utility Chase Area Soil Sample Locations
 - Paper Machine Area (Paper Mill) Soil Sample Locations
 - Powerhouse Area Soil Sample Locations
 - Powerhouse Area NAPL Field Screening Locations
 - Silvichemical Area Soil Sample Locations
 - Warehouse Area Soil Sample Locations
 - Wood Chip Storage Area Soil Sample Locations
 - Exceedance of Current Applicable Screening Level

- ### Interim Actions
- Approximate Soil Excavation Areas
- ### Notes:
- 1.) The soil locations presented here represent past soil data collected outside of excavation areas (i.e., areas subject to interim action) or collected within excavation areas as confirmation samples post-excavation.
 - 2.) All results reported in mg/kg.
 - 3.) No exceedances occurred for the historical Rennie Island data.
 - 4.) Analytical data were compared against MTCA Method C Industrial screening levels. If a Method C screening level was not calculated for an analyte, then data were compared against the Method A Industrial screening level.



Sample ID	TPH-D (A:2000)	TPH-O (A:2000)
PH-5	7100	11000
1993/06/17 (1.5ft)	6200	3800
1993/06/17 (3.5ft)	3200	2500

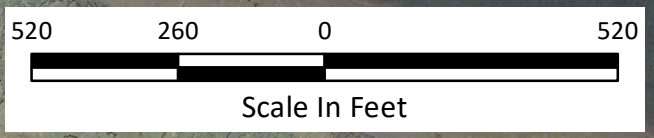
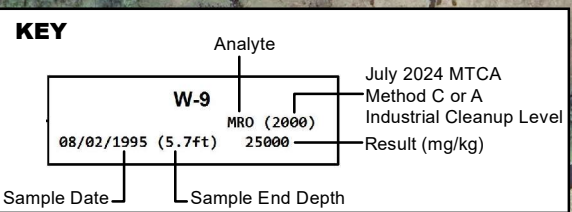
Sample ID	TPH-D (A:2000)	TPH-O (A:2000)
PH-11	23000	30000
1993/11/01 (1.5ft)	29000	29000
1993/11/01 (3.5ft)		

Sample ID	TPH-D (A:2000)	TPH-O (A:2000)
PH-1	76000	76000
1993/06/17 (2ft)	12000	15000
1993/06/17 (3.5ft)	25000	21000
1993/10/01 (3ft)		

Sample ID	TPH-D (A:2000)	TPH-O (A:2000)
PH-6	200000	3100
1993/06/17 (3ft)	80000	44000
1993/10/01 (3.5ft)		

Sample ID	TPH-D (A:2000)	TPH-O (A:2000)
PH-12	91000	21000
1993/11/01 (4ft)		

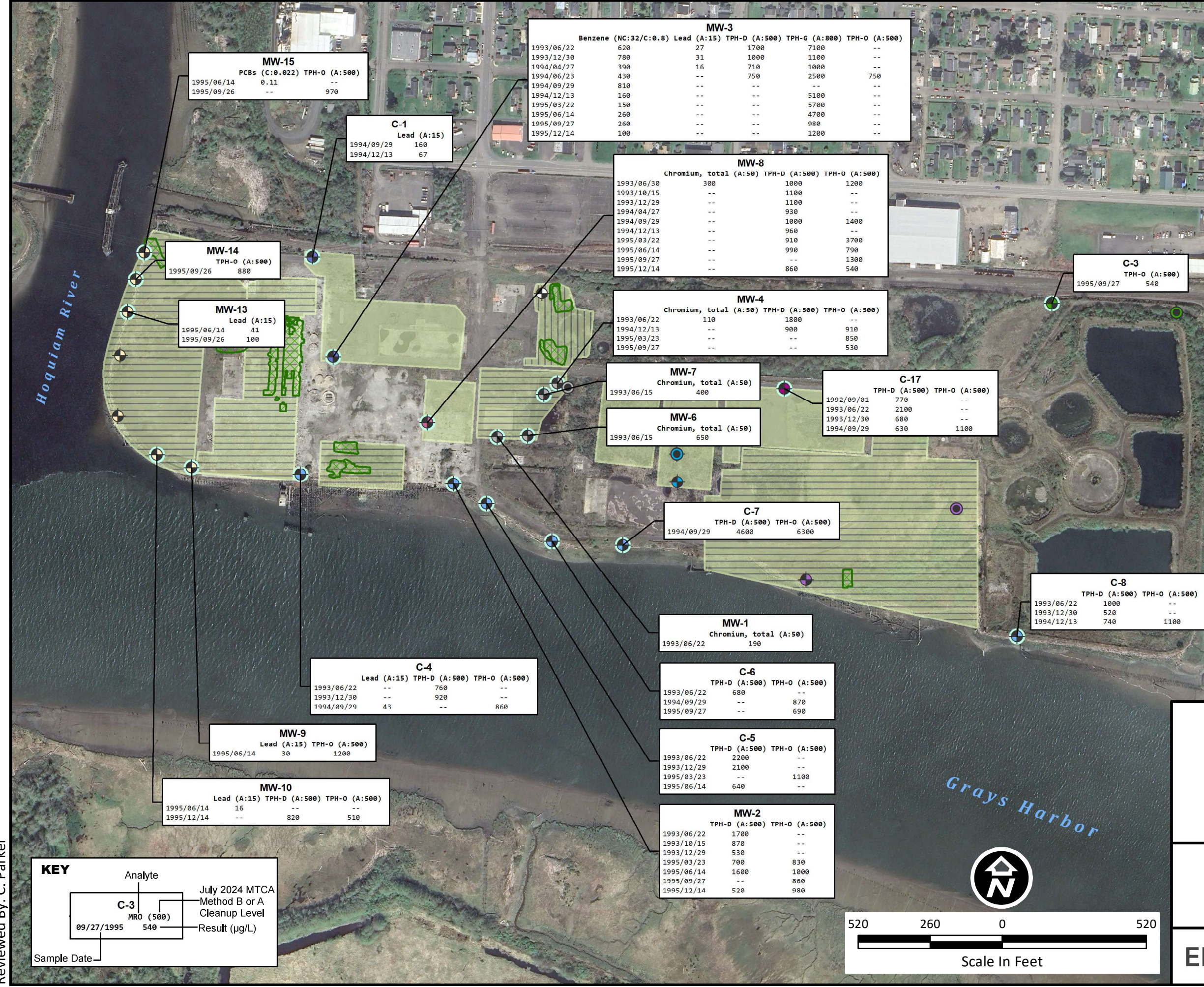
Sample ID	Benzo[a]pyrene (C:130)	TPH-D (A:2000)	TPH-O (A:2000)
PH-13	230	250000	270000
1993/11/01 (3.8ft)			



Upland Site Soil Industrial Screening Level Exceedances

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

FIGURE 9



Legend

- Past Investigation Areas
- NFA Issued
- Potential NFA Issued
- Log Yard Area Piezometer
- Silvichemical Area Piezometer
- Wastewater Treatment Plant Basin Area Piezometer
- Warehouse Area Piezometer
- Gasoline and Maintenance Area Monitoring Well
- Hog Fuel Storage Area Monitoring Well
- Log Yard Area Monitoring Well
- Fuel Oil Tank/Utility Chase Area Monitoring Well
- Powerhouse Area Monitoring Well
- Shoreline Area Monitoring Well
- Silvichemical Area Monitoring Well
- Wastewater Treatment Plant Basin Area Monitoring Well
- Warehouse Area Monitoring Well
- Boneyard Area Monitoring Well
- Exceedance of Current Applicable Screening Level

Interim Actions

- Approximate Soil Excavation Areas

Notes:

- 1.) All past groundwater data collected were compared against applicable screening levels with exceedances visualized here except in investigation areas where interim action (soil excavation) occurred. Exceedances observed in these areas, prior to interim action, appeared to be addressed by the soil removal, so only post-interim action data were screened.
- 2.) All results reported in µg/L.
- 3.) Not pictured: one exceedance of groundwater data at Rennie Island at RW-3 for bis(2-ethylhexyl)phthalate.
- 4.) Analytical data were compared against MTCA Method B screening levels. If a Method B screening level was not calculated for an analyte, then data were compared against the Method A screening level.

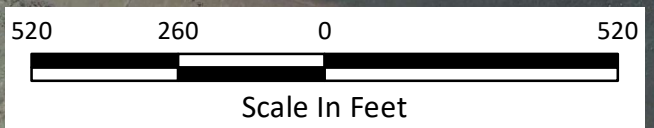
Upland Site Groundwater Screening Level Exceedances

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

FIGURE 10

Reviewed By: C. Parker

Sample Date	Analyte	MRO (500)	July 2024 MTCA Method B or A Cleanup Level Result (µg/L)
09/27/1995	C-3	540	





Appendices



Appendix A Restrictive Covenants

3
6

990506051

VERN STATE
GRAYS HARBOR CO-AUDITOR

AFTER RECORDING RETURN TO:

'98 MAY 6 AM 10 15

Donald F. Verfurth
Carney, Badley, Smith & Spellman, P.S.
701 Fifth Avenue, Suite 2200
Seattle, WA 98104

RESTRICTIVE COVENANT

The property that is the subject of this Restrictive Covenant has been the subject of a voluntary independent remedial action under RCW Chapter 70.105D 030(I)(f) & (g). This Declaration of Restrictive Covenant is made by Grays Harbor Paper, L.P., its successors and assigns and the State of Washington, Department of Ecology, its successors and assigns (hereafter "Ecology.")

The remedial action consisted of excavating PCB and petroleum contaminated soil and removing it from the site. Clean sand was used for replacement. In addition, the concrete support columns under the existing building were pressure-washed. Where the PCBs could not be removed fully, they were encased in plastic resin.

This restrictive covenant is required by WAC 173-340-440 because the remedial action resulted in residual petroleum and polychlorinated biphenyl (PCB) concentrations which exceeded the Model Toxics Control Act Method A cleanup levels for soil and groundwater as established by WAC 173-340-720 and 740.

The undersigned, Grays Harbor Paper, L.P., is the fee owner of real property in Hoquiam, Grays Harbor County, State of Washington, legally described as follows:

Parcel A:

Tax Parcel Identification No. _____
056400200202

That portion of Lots 2 and 4 in Tract 2 of Hoquiam Tide Lands, as shown on the official plat thereof on file in the Office of the Commissioner of Public Lands at Olympia, Washington, and of that portion, if any, of vacated portion of Railroad (formerly Bay) Avenue, as vacated by Ordinance No. 2102 of the City of Hoquiam, more particularly described as follows:

Beginning at the Southeast corner of said Lot 4 in Tract 2; Thence North, along the East line of said Lot 4 and along the East line of said Lot 2 a distance of 199.196 feet; Thence West a distance of 309.030 feet to the true point of beginning of the tract herein described;
Thence South 0° 28' 42.

9822709

5" West a distance of 33.17 feet;
Thence North 89° 31' 17.5" West a distance of 233.33 feet;
Thence North 0° 28' 42.5" East a distance of 75.17 feet;
Thence South 89° 31' 17.5" East a distance of 53.33 feet;
Thence North 0° 28' 42.5" East a distance of 200 feet;
Thence South 89° 31' 17.5" East a distance of 106.92 feet;
Thence North 0° 28' 42.5" East a distance of 417.45 feet;
Thence North 59° 59' 42.5" East a distance of 74.03 feet;
Thence South 89° 31' 17.5" East a distance of 64.61 feet;
Thence South 0° 28' 42.5" West a distance of 105.00 feet;
Thence North 89° 31' 17.5" West a distance of 18.21 feet;
Thence South 0° 28' 42.5" West a distance of 350.00 feet;
Thence North 89° 31' 17.5" West a distance of 37.12 feet;
Thence South 0° 28' 42.5" West a distance of 242.00 feet to the true point of beginning;
Situate in the County of Grays Harbor, State of Washington

Parcel B:

Tax Parcel Identification No. _____
056400200201

That portion of Lots 2 and 4 in Tract 2 of Hoquiam Tide Lands as shown on Plat 2 of the official map thereof, on file in the Office of Commissioner of Public Lands at Olympia, Washington, more particularly described as follows:

Beginning at the Southeast corner of said Lot 4 in Tract 2; Thence North, along the East line of said Lot 4 and along the East line of said Lot 2, a distance of 199.196 feet;
Thence West a distance of 203.70 feet to the true point of beginning of the tract herein described;

Thence South 0° 28' 42.5" West a distance of 33.17 feet;
Thence North 89° 31' 17.5" West a distance of 105.33 feet;
Thence North 0° 28' 42.5" East a distance of 275.17 feet;
Thence South 89° 31' 17.5" East a distance of 37.12 feet;
Thence North 0° 28' 42.5" East a distance of 350.00 feet;
Thence South 89° 31' 17.5" East a distance of 18.21 feet;
Thence North 0° 28' 42.5" East a distance of 105.00 feet;
Thence South 89° 31' 17.5" East a distance of 118.00 feet;
Thence South 0° 28' 42.5" West a distance of 127.00 feet;
Thence North 89° 31' 17.5" West a distance of 40.00 feet;
Thence South 0° 28' 42.5" West a distance of 10.00 feet;
Thence North 89° 31' 17.5" West a distance of 28.00 feet;
Thence South 0° 28' 42.5" West a distance of 560.00 feet, to the point of beginning;

Situate in County of Grays Harbor, State of Washington.

and hereafter referred to as the "Property." Grays Harbor Paper, L.P. makes the following declaration as to limitations, restrictions, and uses to which the Property may be put, and specifies that such declarations shall constitute covenants to run with the land, as provided by law, and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or any interest in the Property (hereafter "Owner.")

Section 1: A portion of the Property contains soil contaminated by PCB's, located under the western side of the building extending to the center of the building. The Owner shall not alter, modify or remove the existing structure in any manner that may result in the release or exposure to the environment of that contaminated soil or create a new exposure pathway without prior written approval from Ecology.

Section 2: The Property shall be used only for traditional industrial uses as defined in and allowed under City of Hoquiam Ordinance 10.24.090 as of the date of this covenant, and RCW 70.105D.020(23). In addition, groundwater from the Property shall not be utilized for agricultural or domestic uses nor for drinking water purposes.

Section 3: Any activity on the Property that may interfere with the integrity of the Remedial Action and continued protection of human health and the environment is prohibited.

Section 4: The Owner of the Property must give thirty (30) days advance written notice to Ecology of the Owner's intent to convey any interest in the Property. No conveyance of title, easement, lease, or other interest in the Property shall be consummated by the Owner without adequate and complete provision for continued monitoring, operation, and maintenance of the Remedial Action.

Section 5: The Owner must restrict leases to uses and activities consistent with the Restrictive Covenant and notify all lessees of the restrictions of the use of the Property.

Section 6: The Owner must notify and obtain approval from Ecology or a successor agency, thirty (30) days prior to any use of the property that is inconsistent with the terms of this Restrictive Covenant. If Ecology approves the proposed changes of use this Restrictive Covenant must be amended to reflect the change.

Section 7: The Owners of the Property and the Owner's assigns and successors in interest reserve the right to record an instrument providing that the restrictive covenants contained in this instrument shall no longer limit the use of the Property or be of any further force or effect. However, such an instrument may be recorded only with the consent of Ecology.

Dated this 22 day of April, 1998.

GRAYS HARBOR PAPER, L.P.

By William Adams
Its: President

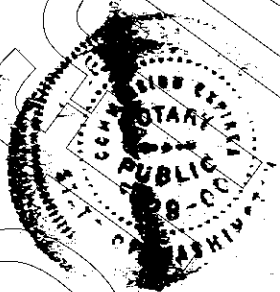
STATE OF WASHINGTON)

) ss.

COUNTY OF KING)

On this 22 day of April, 1998, before me personally appeared Wm Adams, to me known to be the individual who executed the within and foregoing instrument, and acknowledged said instrument to be _____ free and voluntary act and deed, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.



Valerie Maxfield
Valerie Maxfield

(Print Name)
Notary Public in and for the State of Washington
residing at Casmanah
My Commission Expires: 5-29-2000

G:\docs\jv\RESTRICTIVE COVENANT.doc

Rayonier

Specialty Pulp Products

Research Center

December 20, 1996

Marc Crooks
Washington Dept. of Ecology
715 Woodview Drive, SE
Lacey, WA 98504-7706

RE: Grays Harbor Mill Site - Boiler Area

Dear Mr. Crooks:

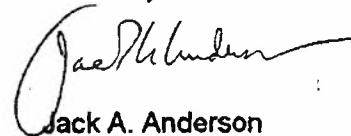
Rayonier has completed its remediation of the known contamination at its former Grays Harbor pulp mill site with the exception of the area under the power boilers.

Within the small crawl space (~ two feet) under the boilers' concrete slab, is a layer of hard, immobile #6 oil. Satisfactory removal of the material while the boilers are operation would be very difficult and very dangerous. Since the material is immobile and "encapsulated", it our intent to leave the material undisturbed until the boilers are no longer in use and can be removed.

As an additional safeguard, the restrictive covenant Rayonier is preparing for the Grays Harbor site will show that the boiler area property cannot be sold without notification being provided to Washington DOE. This restriction will ensure that DOE is able to review any future sale of the property. The restrictive covenant has been submitted for recording and we anticipate sending to you a copy of the recorded document as soon as we receive it.

Should you have any additional comments please call or contact me at your convenience.

Sincerely,



Jack A. Anderson

cc: Dennis Snyder - Stamford
Don Schwendiman
Dana Dolloff - Stamford

4474 Savannah Highway • P. O. Box 1278 • Jesup, GA 31545
Telephone (912) 588-8000 • Fax (912) 588-8300

JAN. 31. 1997 4:46PM

RAYONIER

NO. 0354 P. 2/5

970113007

WASHINGTON STATE COUNTY AUDITOR/RECORDER'S
INDEXING FORM (Cover Sheet)

Return Address
Rayonier Inc.
P.O. Box 34162
Seattle, WA 98124-1162

A-130593

VERN SPATZ
GRAYS HARBOR CO. AUDITOR

'97 JAN 10 PM 2 11

FILED REQUEST OF:

Rayonier Inc

Please print or type information

Document Title(s) (or transactions contained therein):

1. Restrictive Covenant
- 2.
- 3.
- 4.

Reference Number(s) of Documents assigned or released:

1. N/A
- 2.
3. Additional references on page ___ of document.

Grantor(s) (Last name first, then first name and initials):

1. GIP Leasing Co.
- 2.
- 3.
- 4.
5. Additional names on page ___ of document.

Grantee(s) (last name first, then first name and initials):

1. N/A
- 2.
- 3.
- 4.
5. Additional names on page ___ of document.

Legal description (abbreviated: i.e. lot, block, plat or section, township, range):

A portion of Lots 2 and 4 in Tract 2 of Hoquiam Tide Lands, Grays Harbor
County
 Additional legal is on page(s) 1 and 2 of document.

Assessor's Property Tax Parcel/Account Number(s): 056400200300

The Auditor/Recorder will rely on the information provided on the form. The staff will not read the document to verify the accuracy or completeness of the indexing information provided herein.

97 00718

AFTER RECORDING RETURN TO:

Donald L. Schwendiman
Rayonier Inc.
P.O. Box 34162
Seattle, WA 98124

RESTRICTIVE COVENANT

The property that is the subject of this restrictive covenant has been the subject of a voluntary independent remedial action under Chapter 70.105D RCW. This restrictive covenant is required by WAC 173-380-440 because the remedial action resulted in residual petroleum and polychlorinated biphenyl (PCB) which exceeded the Model Toxics Control Act Method A cleanup levels.

The undersigned, GHP Leasing Co., fee owner of real property in Hoquiam, Grays Harbor County, State of Washington, legally described as follows:

Parcel A:

That portion of Lots 2 and 4 in Tract 2 of Hoquiam Tide Lands, as shown on the official plat thereof on file in the Office of the Commissioner of Public Lands at Olympia, Washington, and of that portion, if any, of vacated portion of Railroad (formerly Bay) Avenue, as vacated by Ordinance No. 2102 of the City of Hoquiam, more particularly described as follows:

Beginning at the Southeast corner of said Lot 4 in Tract 2; Thence North, along the East line of said Lot 4 and along the East line of said Lot 2 a distance of 199.196 feet; Thence West a distance of 309.030 feet to the true point of beginning of the tract herein described;

Thence South 0° 28' 42.5" West a distance of 33.17 feet;
Thence North 89° 31' 17.5" West a distance of 233.33 feet;
Thence North 0° 28' 42.5" East a distance of 75.17 feet;
Thence South 89° 31' 17.5" East a distance of 53.33 feet;
Thence North 0° 28' 42.5" East a distance of 200 feet;
Thence South 89° 31' 17.5" East a distance of 106.92 feet;
Thence North 0° 28' 42.5" East a distance of 417.45 feet;
Thence North 59° 59' 42.5" East a distance of 74.03 feet;
Thence South 89° 31' 17.5" East a distance of 64.61 feet;
Thence South 0° 28' 42.5" West a distance of 105.00 feet;

Thence North $89^{\circ} 31' 17.5''$ West a distance of 18.21 feet;
Thence South $0^{\circ} 28' 42.5''$ West a distance of 350.00 feet;
Thence North $89^{\circ} 31' 17.5''$ West a distance of 37.12 feet;
Thence South $0^{\circ} 28' 42.5''$ West a distance of 242.00 feet to the true point
of beginning;

Situate in the County of Grays Harbor, State of Washington

Parcel B:

That portion of Lots 2 and 4 in Tract 2 of Hoquiam Tide Lands as shown on
Plat 2 of the official map thereof, on file in the Office of Commissioner of
Public Lands at Olympia, Washington, more particularly described as
follows:

Beginning at the Southeast corner of said Lot 4 in Tract 2; Thence North,
along the East line of said Lot 4 and along the East line of said Lot 2, a
distance of 199.196 feet; Thence West a distance of 203.70 feet to the true
point of beginning of the tract herein described;

Thence South $0^{\circ} 28' 42.5''$ West a distance of 33.17 feet;
Thence North $89^{\circ} 31' 17.5''$ West a distance of 105.33 feet;
Thence North $0^{\circ} 28' 42.5''$ East a distance of 275.17 feet;
Thence South $89^{\circ} 31' 17.5''$ East a distance of 37.12 feet;
Thence North $0^{\circ} 28' 42.5''$ East a distance of 350.00 feet;
Thence South $89^{\circ} 31' 17.5''$ East a distance of 18.21 feet;
Thence North $0^{\circ} 28' 42.5''$ East a distance of 105.00 feet;
Thence South $89^{\circ} 31' 17.5''$ East a distance of 118.00 feet;
Thence South $0^{\circ} 28' 42.5''$ West a distance of 127.00 feet;
Thence North $89^{\circ} 31' 17.5''$ West a distance of 40.00 feet;
Thence South $0^{\circ} 28' 42.5''$ West a distance of 10.00 feet;
Thence North $89^{\circ} 31' 17.5''$ West a distance of 28.00 feet;
Thence South $0^{\circ} 28' 42.5''$ West a distance of 560.00 feet, to the point of
beginning;

Situate in County of Grays Harbor, State of Washington.

hereafter referred to as the "Property", makes the following declaration as to limitations,
restrictions, and uses to which the Property may be put, and specifies that such declarations
shall constitute covenants to run with the land, as provided by law, and shall be binding on
all parties and all persons claiming under them, including all current and future owners of
any portion of or interest in the Property.

Section 1. The Property shall be used only for industrial purposes, as defined in the City of Hoquiam zoning code. In addition, ground water from the Property shall not be utilized for drinking purposes.

Section 2. The owner of the Property must give notice to the Department of Ecology, or successor agency, of the owner's intent to convey any interest in the Property.

Section 3. The owner must notify and obtain approval from the Department of Ecology, or to a successor agency, prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. If the Department of Ecology approves the proposed changes of use this restrictive covenant must be amended to reflect the change.

Section 4. The owners of the Property and the owner's assigns and successors in interest reserve the right to record an instrument providing that the restrictive covenants contained in this instrument shall no longer limit the use of the Property or be of any further force or effect. However, such an instrument may be recorded only with the consent of the Department of Ecology, or of a successor agency.

GHP LEASING CO.

Donald L. Schwendman
By: *Donald L. Schwendman*
Its: *Attorney-in-fact*

Date: *January 9, 1997*

1
3
970102166

AFTER RECORDING RETURN TO:

A130593
Donald L. Schwendiman
Rayonier Inc.
P.O. Box 34162
Seattle, WA 98124

RESTRICTIVE COVENANT

The property that is the subject of this restrictive covenant has been the subject of a voluntary independent remedial action under Chapter 70.105D RCW. This restrictive covenant is required by WAC 173-380-440 because the remedial action resulted in residual petroleum and lead which exceeded the Model Toxics Control Act Method A cleanup levels.

The undersigned, Rayonier Inc., fee owner of real property in Hoquiam, Grays Harbor County, State of Washington, described in Exhibit A, attached hereto and by this reference made a part hereof, hereafter referred to as the "Property", makes the following declaration as to limitations, restrictions, and uses to which the Property may be put, and specifies that such declarations shall constitute covenants to run with the land, as provided by law, and shall be binding on all parties and all persons claiming under them, including all current and future owners of any portion of or interest in the Property.

Section 1. The Property shall be used only for industrial purposes, as defined in the City of Hoquiam zoning code. In addition, ground water from the Property shall not be utilized for drinking purposes.

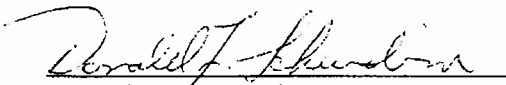
Section 2. The owner of the Property must give notice to the Department of Ecology, or successor agency, of the owner's intent to convey any interest in the Property.

Section 3. The owner must notify and obtain approval from the Department of Ecology, or to a successor agency, prior to any use of the Property that is inconsistent with the terms of this Restrictive Covenant. If the Department of Ecology approves the proposed changes of use this restrictive covenant must be amended to reflect the change.

Section 4. The owners of the Property and the owner's assigns and successors in interest reserve the right to record an instrument providing that the restrictive covenants contained in this instrument shall no longer limit the use of the Property or be of any further force or effect. However, such an instrument may be recorded only with the consent of the Department of Ecology, or of a successor agency.

Dated this 9th day of December, 1996.

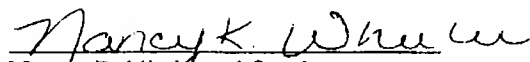
RAYONIER INC.


Donald L. Schwendiman
Assistant Secretary

State of Washington)
)ss.
County of King)

I certify that I know or have satisfactory evidence that Donald L. Schwendiman is the person who appeared before me, and that said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute this instrument and acknowledged it as the Assistant Secretary of Rayonier Inc. to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Given under my hand and official seal this 30th day of December 1996.


Notary Public in and for the
State of Washington
Residing at Rayonier

My appointment expires: 7/19/99

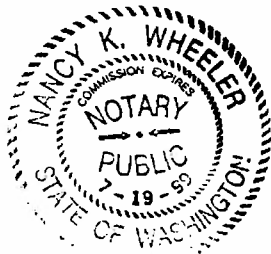


EXHIBIT A

PARCEL "A"

A portion of Blocks Twenty-Seven thru Block Thirty-One, Edward Campbell's Addition to the City of Hoquiam, as per plat recorded in Volume 2 of Plats, page 11, Records of Grays Harbor County, State of Washington;

TOGETHER with vacated streets and alleys as would attach by operation of law;

ALSO a portion of Block 56 and Block 61 thru 63, Ontario Addition to the City of Hoquiam, as recorded in Volume 3 of Plats, page 42, Records of Grays Harbor County;

TOGETHER with vacated streets and alleys as would attach by operation of law;

The perimeter of the above being more particularly described as follows:

Beginning at the Southwest corner of Block 31 of said Plat of Edward Campbell's Addition;
Thence North $86^{\circ}31'44''$ West along the Southerly boundary of said plat also being coincident with the Hoquiam Tidelands meander line a distance of 14.93 feet to an angle point;
Thence continue along said plat boundary North $46^{\circ}31'44''$ West a distance of 499.86 feet to the Southwest corner of Block 30 of said Edward Campbell's Addition;
Thence continue North $46^{\circ}31'44''$ West a distance of 150.45 feet to an intersection with the centerline of vacated Railroad Avenue;
Thence North $90^{\circ}00'00''$ East along said centerline a distance of 69.96 feet to an intersection with the centerline of Vacated 22nd Street;
Thence North $0^{\circ}25'45''$ East along said centerline of 22nd Street a distance of 0.24 feet to the centerline of Vacated Railroad Avenue bearing East;
Thence South $89^{\circ}35'37''$ East along said centerline of Railroad Avenue a distance of 190.14 feet to a point Southerly of the Southwest corner of Lot 10, Block 27, of said Edward Campbell's Addition;
Thence North $0^{\circ}25'57''$ East a distance of 301.45 feet to the Southerly right-of-way line of Bay Avenue;
Thence South $89^{\circ}35'37''$ East along said right-of-way line a distance of 120.15 feet;
Thence continue along right-of-way South $48^{\circ}23'43''$ East a distance of 53.14 feet;
Thence continue along right-of-way South $89^{\circ}35'37''$ East a distance of 60.00 feet;
Thence continue along right-of-way North $49^{\circ}13'59''$ East a distance of 53.16 feet;

Thence continue along right-of-way South 89°35'37" East a distance of 660.18 feet to the Northeast corner of Lot 4, Block 56 of said Ontario Addition;
Thence leave right-of-way South 0°25'47" West a distance of 242.00 feet to the Southeast corner of Lot 15 of said Block 56;
Thence North 89°35'37" West along the South line of said Block 56 and its Westerly extension a distance of 349.92 feet to the centerline of Vacated 24th Street;
Thence South 0°26'29" West along said centerline a distance of 145.86 feet;
Thence South 89°35'05" East parallel to and 46.0 feet Southerly of the North line of Block 61 of said Ontario Addition a distance of 189.94 feet;
Thence South 0°27'01" West a distance of 286.02 feet to the South line of said Block 61;
Thence South 89°34'10" East along said South line a distance of 875.38 feet to the centerline of Vacated Ontario Street;
Thence continue South 89°34'10" East a distance of 1201.13 feet to a point 70.0 feet West of the Northeast corner of Block 64 of said Ontario Addition;
Thence South 0°00'00" East parallel with the East line of Block 64 a distance of 6.91 feet to an intersection with the Hoquiam Tidelands meander line according to the official plat thereof on file in the office of the Commissioner of Public Lands at Olympia, Washington;
Thence South 78°28'16" West along said meander line a distance of 790.52 feet to an angle point;
Thence continue along meander line North 86°31'44" West a distance of 1535.27 feet to the Southeast corner of Block 31 of said Plat of Edward Campbell's Addition;
Thence continue along said meander line North 86°31'44" West a distance of 300.64 feet to the Point of Beginning.

EXCEPT:

Lots 1, 2, 3, 10, 11 and 12, Block 27, Campbell's Addition to the City of Hoquiam, as per plat recorded in Volume 2 of Plats, page 11, records of Grays Harbor County, TOGETHER WITH the vacated 10 foot strip of 23rd Street along the East side of Lots 1 and 12, and the North Half of vacated Railroad Avenue along the South side of Lots 10-12; AND the South 9.55 feet of vacated Bay Avenue along the North side of Lots 1, 2, and 3; AND the vacated alley along said Lots 1, 2, 3, 10, 11 and 12; EXCEPT that portion conveyed to the City of Hoquiam by Quit Claim Deed dated July 31, 1967 recorded December 28, 1967 as Auditor's File No. 198257, records of Grays Harbor County; Situate in the County of Grays Harbor, State of Washington.

PARCEL "B"

Block 60 of Ontario Addition to the City of Hoquiam, as per plat recorded in Volume 3 of Plats, page 42, records of Grays Harbor County;

TOGETHER with one-half Vacated Ontario Street abutting thereon that would attach by operation of law;

TOGETHER with Vacated Railroad Avenue "A";

EXCEPT the East 70 feet as conveyed to the City of Hoquiam for street purposes;

ALSO EXCEPT the North 46 feet of Railroad right-of-way West of Northern Pacific Railroad Spur Track;

ALSO EXCEPT the North 12 feet of Railroad right-of-way East of Northern Pacific Railroad Spur Track;

ALSO EXCEPT Northern Pacific Railroad Spur Track to Posey's;

Situate in the County of Grays Harbor, State of Washington.

PARCEL "C"

Portions of Tracts 1 and 2, Vacated Waterway No. 1, Vacated Railroad Avenue and Vacated 22nd Street, Hoquiam Tide and Shorelands, according to the official plat thereof on file in the Office of the Commissioner of Public Lands at Olympia, Washington, being more particularly described as follows:

Beginning at the Southeast corner of Lot 4, said Tract 2;
Thence North 80°51'22" West along the Southerly line of said Lot 4 also being the Inner Harbor Line a distance of 213.81 feet;
Thence continue along said Inner Harbor Line North 83°39'29" West a distance of 685.22 feet;
Thence continue along Inner Harbor Line North 16°08'30" West a distance of 494.93 feet;
Thence continue along Inner Harbor Line North 37°51'30" East a distance of 199.31 feet;
Thence continue along Inner Harbor Line North 34°00'09" East a distance of 162.66 feet;
Thence continue along Inner Harbor Line North 09°46'07" East a distance of 202.66 feet;
Thence leave said Inner Harbor Line and continue South 80°39'00" East along the centerline of vacated Railroad Avenue a distance of 297.37 feet;
Thence continue South 80°39'00" East along said centerline a distance of 203.57 feet;
Thence continue along said centerline North 90°00'00" East a distance of 253.56 feet to an intersection with the Hoquiam Tidelands meander line;
Thence South 46°31'44" East along said meander line a distance of 146.17 feet to an intersection with the Easterly line of Vacated 22nd Street;
Thence continue along meander line South 46°31'44" East a distance of 504.13 feet;
Thence continue along meander line South 86°31'44" East 96 48853 a distance of 14.17 feet to the Northwest corner of Vacated Waterway No. 1;

Thence continue South 00°00'00" West along the West line of Vacated Waterway No. 1 to its intersection with the Inner Harbor Line;

Thence continue along Inner Harbor Line North 80°51'21" West a distance of 384.89 feet to the Southwest corner of Lot 3, of said Tract 2;

Thence continue along Inner Harbor Line North 80°51'21" West a distance of 81.03 feet to the Point of Beginning.

EXCEPT that parcel described as follows:

That portion of Lots 2 and 4 in Tract 2 of Hoquiam Tide Lands, as shown on the official plat thereof on file in the Office of the Commissioner of Public Lands at Olympia, Washington, and of that portion, if any, of vacated portion of Railroad (formerly Bay) Avenue, as vacated by Ordinance No. 2102 of the City of Hoquiam, more particularly described as follows:

Beginning at the Southeast corner of said Lot 4 in Tract 2; Thence North, along the East line of said Lot 4 and along the East line of said Lot 2 a distance of 199.196 feet;

Thence West a distance of 309.030 feet to the true point of beginning of the tract herein described;

Thence South 0°28'42.5" West a distance of 33.17 feet;
Thence North 89°31'17.5" West a distance a 233.33 feet;
Thence North 0°28'42.5" East a distance of 75.17 feet;
Thence South 89°31'17.5" East a distance of 53.33 feet;
Thence North 0°28'42.5" East a distance of 200 feet;
Thence South 89°31'17.5" East a distance of 106.92 feet;
Thence North 0°28'42.5" East a distance of 417.45 feet;
Thence North 59°59'42.5" East a distance of 74.03 feet;
Thence South 89°31'17.5" East a distance of 64.61 feet;
Thence South 0°28'42.5" West a distance of 105.00 feet;
Thence North 89°31'17.5" West a distance of 18.21 feet;
Thence South 0°28'42.5" West a distance of 350.00 feet;
Thence North 89°31'17.5" West a distance of 37.12 feet;
Thence South 0°28'42.5" West a distance of 242.00 feet to the true point of beginning;

Situate in the County of Grays Harbor, State of Washington.

That portion of Lots 2 and 4 in Tract 2 of Hoquiam Tide Lands as shown on Plat 2 of the official map thereof on file in the Office of the Commissioner of Public Lands at Olympia, Washington, more particularly described as follows:

Beginning at the Southeast corner of said Lot 4 in Tract 2; Thence North, along the East line of said Lot 4 and along the East line of said Lot 2, a distance of 199.196 feet; Thence West a distance of 203.70 feet to the true point of beginning of the tract herein described;

Thence South 0°28'42.5" West a distance of 33.17 feet;
Thence North 89°31'17.5" West a distance of 105.33 feet;
Thence North 0°28'42.5" East a distance of 275.17 feet;
Thence South 89°31'17.5" East a distance of 37.12 feet;
Thence North 0°28'42.5" East a distance of 350.00 feet;
Thence South 89°31'17.5" East a distance of 18.21 feet;
Thence North 0°28'42.5" East a distance of 105.00 feet;
Thence South 89°31'17.5" East a distance of 118.00 feet;
Thence South 0°28'42.5" West a distance of 127.00 feet;
Thence North 89°31'17.5" West a distance of 40.00 feet;
Thence South 0°28'42.5" West a distance of 10.00 feet;
Thence North 89°31'17.5" West a distance of 28.00 feet;
Thence South 0°28'42.5" West a distance of 560.00 feet, to
the point of beginning;
Situate in the County of Grays Harbor, State of Washington.

PARCEL "D"

Portions of Tract 1, Vacated Waterway No. 1, Vacated Ontario Street and Vacated Railroad Avenue "A", Hoquiam Tide and Shorelands, according to the official plat thereof on file in the Office of the Commissioner of Public Lands at Olympia, Washington, being more particularly described as follows:

Commencing at the Southeast corner of Lot 2, said Tract 1;
Thence North 84°52'37" West along the South line of said Lot 2, also being the Inner Harbor Line, a distance of 70.28 feet to the True Point of Beginning;
Thence North 00°00'00" West parallel and 70.00 feet Westerly of the East line of said Tract 1 a distance of 979.45 feet to its intersection with the Hoquiam Tidelands meander line;
Thence South 78°28'16" West along said meander line a distance of 790.52 feet to an angle point;
Thence North 86°31'44" West along the meander line a distance of 1536.13 feet to an intersection with the east right-of-way line of Vacated Waterway No. 1;
Thence North 86°31'44" West along the meander line a distance of 300.55 feet to the West line of Vacated Waterway No. 1;
Thence South 00°00'00" West along the West line of Vacated Waterway No. 1 to its intersection with the Inner Harbor Line;
Thence easterly along the Inner Harbor Line to the Point of Beginning.

VERN SPAIZ
GRAYS HARBOR CO. AUDITOR

96 DEC 31 PM 3 09

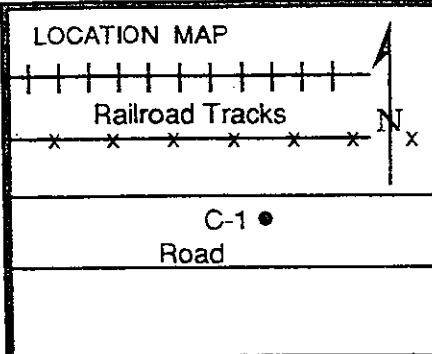
FILE REQUEST ON

Rapier

96 48855



Appendix B Boring Logs



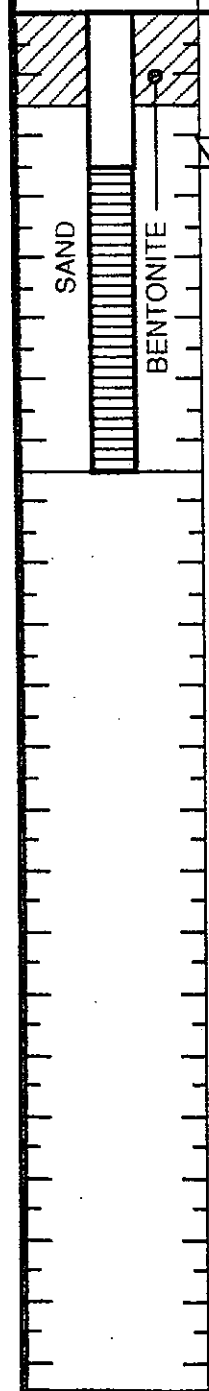
PACIFIC ENVIRONMENTAL GROUP, INC.

PROJECT NO. 400-01.01
 LOGGED BY: E.L.
 DRILLER: HAYES
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 12 x 20 SAND

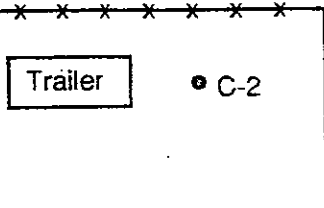
WELL NO. C-1
 PAGE 1 OF 1

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-18-92
 LOCATION: HOQIUM
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2				ASPHALT: 12" BASEROCK - FILL
				4			SC	CLAYEY SAND - FILL: strong brown (7.5YR, 5/8); 30% low plasticity fines; soft; no odor.
	Wt	1	4	6				
	Wt	0	6	8				
				10				@10': wood waste; fill
	Wt	0	2	12				
				14				@15': clayey gravel; wood waste; fill
				16				BOTTOM OF BORING AT 15'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



LOCATION MAP



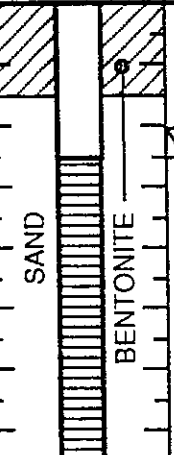
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. C-2
PAGE 1 OF 1

PROJECT NO. 400-01.01
LOGGED BY: E.L.
DRILLER: HAYES
DRILLING METHOD: HSA
SAMPLING METHOD: SS
CASING TYPE: Sch 40 PVC
SLOT SIZE: 0.010"
GRAVEL PACK: 12 x 20 SAND

CLIENT: ITT RAYONIER
DATE DRILLED: 6-18-92
LOCATION: HOQUIUM
HOLE DIAMETER: 8"
HOLE DEPTH: 15'
WELL DIAMETER: 2"
WELL DEPTH: 15'
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			GW	ASPHALT 3" GRAVEL - FILL
	Wt	0	2	4			CL	CLAY: silty; very dark gray (7.5YR, N3); low plasticity; very soft; organics; no odor.
	Wt	0	2	8				@10': as above.
	Wt	0	2	14				@15': as above. BOTTOM OF BORING AT 15'
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
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				40				
				42				
				44				

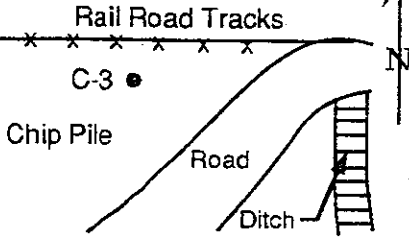


SAND

BENTONITE



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. C-3

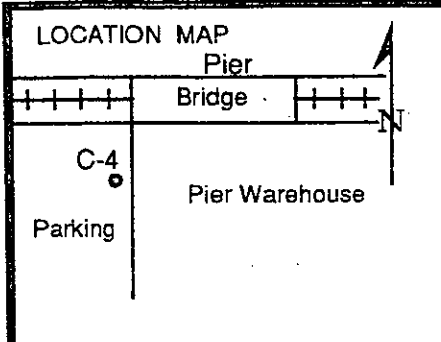
PAGE 1 OF 1

PROJECT NO. 400-01.01
 LOGGED BY: E.L.
 DRILLER: HAYES
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 12 x 20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-18-92
 LOCATION: HOQUIUM
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			GW	GRAVEL - FILL: large rocks; wood
	Dp	0	7	4				@5': as above.
				6			CL	CLAY: silty; very dark gray (7.5YR, N3); low plasticity; organics; very soft; no odor.
	Wt	0	2	8				
				10				
				12			ML	SILT: clayey; very dark gray; 10% fine sand; micaceous; organics; very soft; no odor.
	Wt	0	2	14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 15'



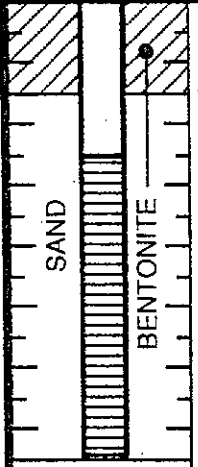
PACIFIC ENVIRONMENTAL GROUP, INC.

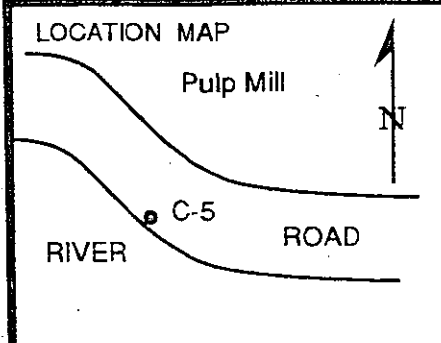
PROJECT NO. 400-01.01
 LOGGED BY: EL
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 12 x 20 SAND

WELL NO. C-4
 PAGE 1 OF 1

CLIENT: ITT Raymond
 DATE DRILLED: 6-22-92
 LOCATION: Hoquiam
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: 10'

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			SM	FILL - Concrete, Debris.
				4				SILTY SAND: very dark gray; 20-30% fines; fine grained; micaceous; wood fragments; loose; no odor.
	Wt	0	3	6			ML	
				8				SILT: very dark gray; (7.5YR, N3); low plasticity; 10-20% fine sand; micaceous; trace organics; firm; no odor.
	Wt	0	7	10				
				12				
	Wt	0	2	14				@15': clayey; shell fragments; very soft; no odor.
				16				BOTTOM OF BORING AT 15'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				





PACIFIC ENVIRONMENTAL GROUP, INC.

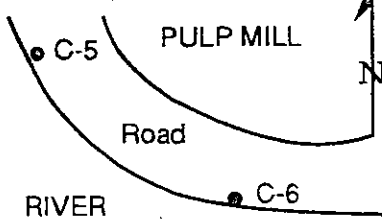
PROJECT NO. 400-01.01
 LOGGED BY: E.L.
 DRILLER: HAYES
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 12 x 20 SAND

WELL NO. C-5
 PAGE 1 OF 1

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-17-92
 LOCATION: HOQUIUM
 HOLE DIAMETER: 8"
 HOLE DEPTH: 20'
 WELL DIAMETER: 2"
 WELL DEPTH: 20'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			GW	ASPHALT - FILL GRAVEL - FILL: concrete; clay matrix; medium dense; no odor.
	Dp	0	21	4				
				6			CL	@6': driller noted change in drilling CLAY: strong brown; low plasticity; trace silt; 15-25% fine sand to fine gravel; soft; no odor.
	Mst	0	3	8				
				10				
	Wt	0	2	12				
				14				@15': minimal sample recovery; very soft.
	Wt	0	3	16				
				18				
				20				@20': no odor.
				22				BOTTOM OF BORING AT 20'
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. C-6

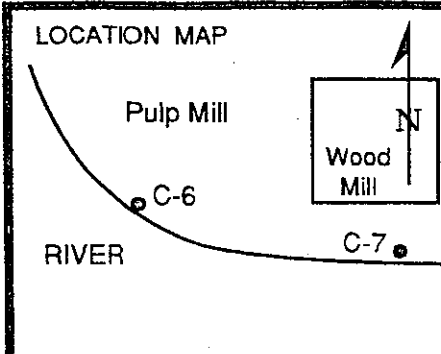
PAGE 1 OF 1

PROJECT NO. 400-01.01
 LOGGED BY: E.L.
 DRILLER: HAYES
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 12 x 20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-17-92
 LOCATION: HOQUIUM
 HOLE DIAMETER: 8"
 HOLE DEPTH: 20'
 WELL DIAMETER: 2"
 WELL DEPTH: 20'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2		ASPHALT: 12" thick	GW	ASPHALT: 12" thick
				4		GRAVEL - FILL: clay.		GRAVEL - FILL: clay.
	Dp	0	12	5		@5': poor sample recovery; logged from cuttings; medium dense.		@5': poor sample recovery; logged from cuttings; medium dense.
				6		GRAVELLY CLAY: strong brown; low plasticity; 25-30% gravel and sand; firm; no odor.	CL	GRAVELLY CLAY: strong brown; low plasticity; 25-30% gravel and sand; firm; no odor.
	Dp	0	9	8				
				10				
	Mst	0	25	15		@15': as above.	ML	@15': as above.
				16		SILT: very dark gray; (7.5YR, N3); trace sand; hard; no odor.		SILT: very dark gray; (7.5YR, N3); trace sand; hard; no odor.
	Mst	0	25	18				
				20		@20': as above.		@20': as above.
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 20'

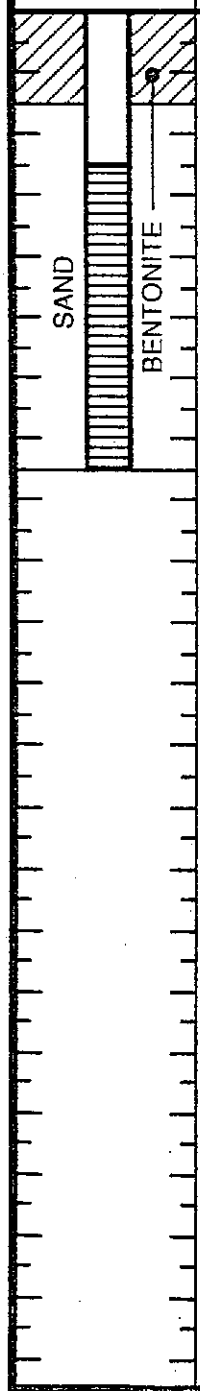


PACIFIC ENVIRONMENTAL GROUP, INC. WELL NO. C-7
 PAGE 1 OF 1

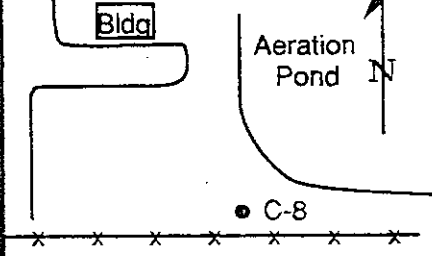
PROJECT NO. 400-01.01
 LOGGED BY: E.L.
 DRILLER: HAYES
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 12 x 20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-17-92
 LOCATION: HOQUIUM
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2				FILL: soil, wood chops; gravel; oily staining in top 1' of soil.
	Wt	0	10	4			SM	SILTY SAND: dark gray; 30% fines; fine grained; trace coarse sand to fine gravel; medium dense; no odor.
	Wt	0	2	8				
	Wt	0	3	14				@10': color change to greenish gray; loose; no odor.
				16				@15': as above.
				18				BOTTOM OF BORING AT 15'
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



LOCATION MAP



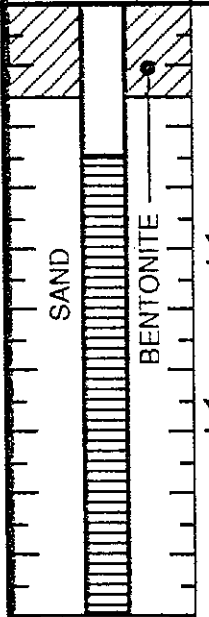
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. C-8
PAGE 1 OF 1

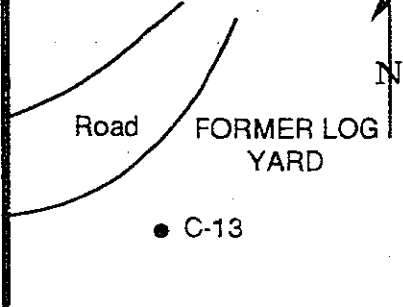
PROJECT NO. 400-01.01
 LOGGED BY: E.L.
 DRILLER: HAYES
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 12 x 20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-18-92
 LOCATION: HOQUIUM
 HOLE DIAMETER: 8"
 HOLE DEPTH: 20'
 WELL DIAMETER: 2"
 WELL DEPTH: 20'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2		GW	GW	GRAVEL - FILL
				4		SM	SM	SILTY SAND: strong brown (7.5YR, 5/8); 30% fines; fine grained; trace coarse sand to fine gravel; medium dense; no odor.
	Dp	0	17	4				
				6				
	Dp	0	10	8				@10': as above; clayey silt fines; no odor.
				10				
				12				
	Mst	0	12	14				@15': as above; poor sample recovery.
				16				
				18				
	Wt	0	2	18		ML	ML	CLAYEY SILT: black (7.5YR2); low plasticity; trace fine sand; organics; no odor.
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				
								BOTTOM OF BORING AT 20'



LOCATION MAP



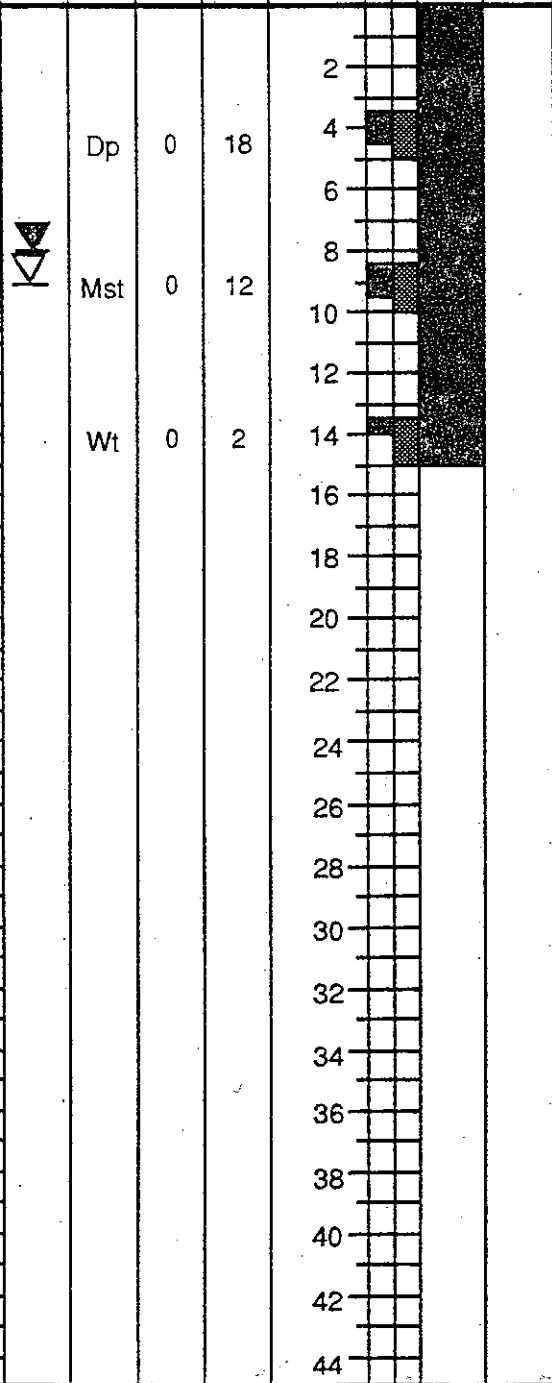
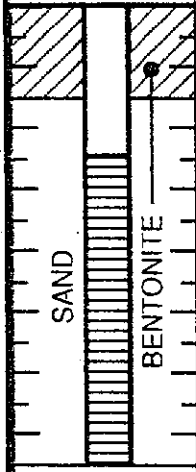
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. C-13
PAGE 1 OF 1

PROJECT NO. 400-01.01
 LOGGED BY: E.L.
 DRILLER: HAYES
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 12 x 20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-18-92
 LOCATION: HOQUIUM
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2				FILL: wood waste.
	Dp	0	18	4				@5': clayey gravel; wood waste/fill; medium dense; no odor.
	Mst	0	12	8				@10': wood waste; brick fragments; saturated with black substance; possibly pulp liquor; medium dense; organic odor.
	Wt	0	2	14				@15': as above; poor sample recovery; loose; no odor; strong hydrogen sulfide odor from soil cuttings during auger removed and well completion.
				16				BOTTOM OF BORING AT 15'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



FILL: wood waste.

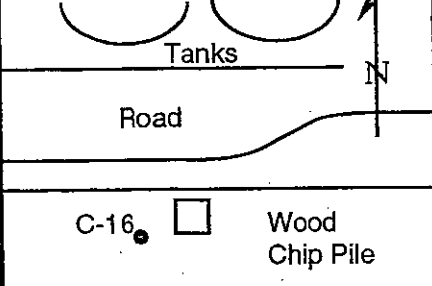
@5': clayey gravel; wood waste/fill; medium dense; no odor.

@10': wood waste; brick fragments; saturated with black substance; possibly pulp liquor; medium dense; organic odor.

@15': as above; poor sample recovery; loose; no odor; strong hydrogen sulfide odor from soil cuttings during auger removed and well completion.

BOTTOM OF BORING AT 15'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

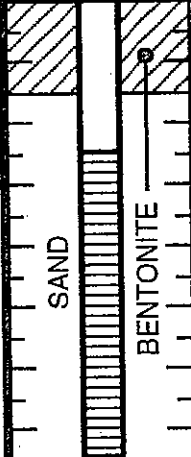
WELL NO. C-16
PAGE 1 OF 1

PROJECT NO. 400-01.02
 LOGGED BY: E.L.
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: GRAB
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10 x 20 SAND

CLIENT: RAYONIER
 DATE DRILLED: 8-25-92
 LOCATION: Hoquiam
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 1"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			GM	SILTY GRAVEL - FILL
	Wt	1		4				@5': wet.
	Wt	0		8				@7': as above.
	Wt	0		12			CL	CLAY: very dark gray; low plasticity; trace silt; soft; organics; no odor.
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 15'
BORING COMPLETED AS A PIEZOMETER



LOCATION MAP

Posey Manufacturing

Road

C-17

Hog Fuel
Stockpile



PACIFIC ENVIRONMENTAL GROUP, INC.

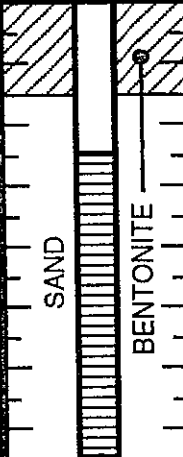
WELL NO. C-17

PAGE 1 OF 1

PROJECT NO. 400-01.02
 LOGGED BY: E.L.
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10 x 20 SAND

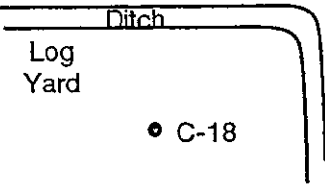
CLIENT: RAYONIER
 DATE DRILLED: 8-25-92
 LOCATION: Hoquiam
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2		GP	GP	ASPHALT GRAVEL - FILL
		Mst	0 push	4		SM	SM	SILTY SAND: very dark gray; 20-30% fines; fine grained; micaceous; medium dense; no odor.
		Wt	1.4 push	8		ML	ML	SILT: v ery dark gray; low plasticity; micaceous; 10-20% fine sand; 3' peat interbed; soft; no odor
		Wt	3 push	14				@ 14': increasing peat content 1-2"; silty sand interbeds; no odor.
				16				BOTTOM OF BORING AT 15'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



LOCATION MAP

Sludge Dewatering Plant



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. C-18

PAGE 1 OF 1

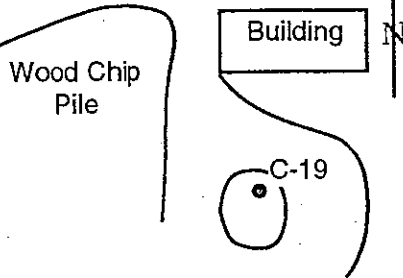
PROJECT NO. 400-01.02
 LOGGED BY: E.L.
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: GRAB
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10 x 20 SAND

CLIENT: RAYONIER
 DATE DRILLED: 8-25-92
 LOCATION: Hoquiam
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 1"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2	G			GRAVEL - FILL
	Mst	0		4			SM	SILTY SAND: greenish gray; 20-30% fines; fine to medium grained; medium dense; no odor.
				6	G			
				8				
	Wt	1.4		10			CL	CLAY: dark brown; low plasticity; organics; trace silt; 5-10% fine sand; soft; no odor.
				12	G			
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 15'
 BORING COMPLETED AS A PIEZOMETER

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. C-19
PAGE 1 OF 1

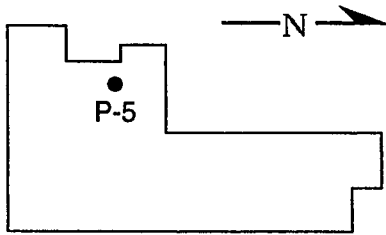
PROJECT NO. 400-01.02
 LOGGED BY: E.L.
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: GRAB
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10 x 20 SAND

CLIENT: RAYONIER
 DATE DRILLED: 8-25-92
 LOCATION: Hoquiam
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 1"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2			SM	FILL: HOG FUEL
	Mst	0		4	G			SILTY SAND: greenish gray; 20-30% fines; fine to medium grained; medium dense; hydrocarbon - like odor.
	Wt	2		8	G			
				10				
	Wt	9		12			CL	CLAY: grayish brown; low plasticity; silt; organics; trace peat; soft; no hydrocarbon - like odor.
				14	G			
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 15'
BORING COMPLETED AS A PIEZOMETER

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

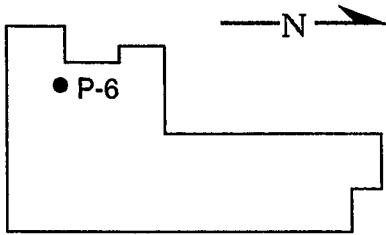
BORING NO. P-5
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Below Paper Mill
 HOLE DIAMETER: 2 3/4"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Dp	0		1			SM	SILTY SAND: gravelly; dark olive brown; trace to 10% fines; trace to 10% very fine sand; medium sand; 10-20% coarse sand; 30% gravel; odor. @ 4': black; 20-30% fines; 10-15% very fine to fine sand; fine to medium sand; 10-20% medium to coarse sand; 10-20% gravel; organics; odor. BOTTOM OF BORING AT 4'
				2				
				3				
	Wet	0		4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-6
PAGE 1 OF 1

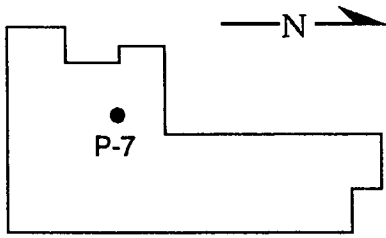
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Below Paper Mill
 HOLE DIAMETER: 2 3/4"
 HOLE DEPTH: 1'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	0		1			SM	SILTY SAND: dark olive gray; trace to 10% fines; 10-20% very fine to fine sand; medium sand; trace to 5% coarse sand; odor.
				2				
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 1'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-7
PAGE 1 OF 1

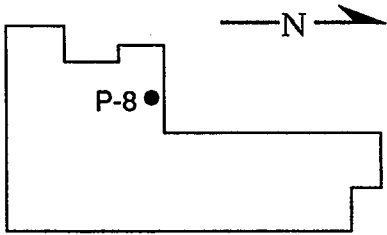
PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Below Paper Mill
 HOLE DIAMETER: 2 3/4"
 HOLE DEPTH: 1'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	0		1			SM	SILTY SAND: gravelly; dark olive gray; trace to 10% fines; 20-30% very fine to medium sand; medium to coarse sand; 10-15% gravel.
				2				
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 1'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

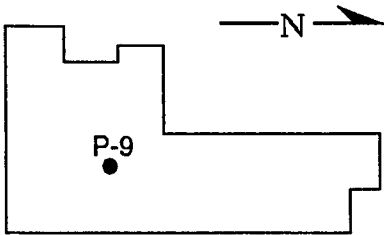
BORING NO. P-8
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 2 3/4"
 HOLE DEPTH: 3.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	0		1			SM	SILTY SAND: gravelly; very dark grayish brown; 20-30% fine to medium sand; medium to coarse sand; 10-15% gravel; no odor.
	Wet	0		3				
				4				@3.5': dark yellowish brown.
				5				BOTTOM OF BORING AT 3.5'
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-9
PAGE 1 OF 1

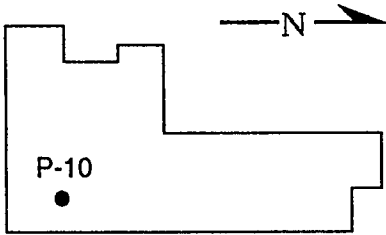
PROJECT NO. 400-02.02
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Below Paper Mill
 HOLE DIAMETER: 2 3/4"
 HOLE DEPTH: 1'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	0		1			SM	SILTY SAND: dark olive brown; 30-40% fines; 20-30% very fine to medium sand; medium to coarse sand; trace to 10% gravel; organics; micaceous; odor.
				2				
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 1'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-10
PAGE 1 OF 1

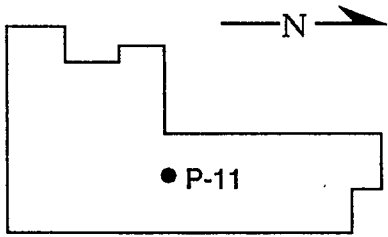
PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 2.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION		MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	▽	Wet	0		1			SM	SILTY SAND: black; 20-30% fines; very fine to fine sand; 5-10% medium to coarse sand; micaceous; odor.
		Wet	0		2				
					3				@2.5': black; 20-30% fines; very fine to fine sand; trace to 5% medium to coarse sand; micaceous; odor.
					4				
					5				
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				
					21				
					22				

BOTTOM OF BORING AT 2.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

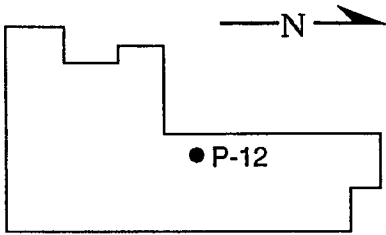
BORING NO. P-11
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 1'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	0		1			OL	SILT: olive gray; low plasticity; 10-15% very fine to coarse sand; trace gravel; organics; odor.
				2				BOTTOM OF BORING AT 1'
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

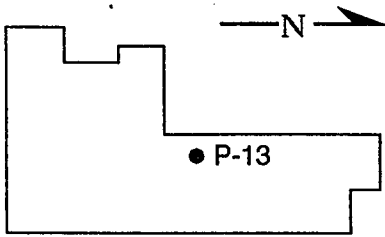
BORING NO. P-12
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 3'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	0		1			ML	CLAYEY SILT: light brownish gray; 10-15% fine to coarse sand; <5% gravel; odor. @2.5': as above.
	Wet	0		2				
				3				BOTTOM OF BORING AT 3'
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

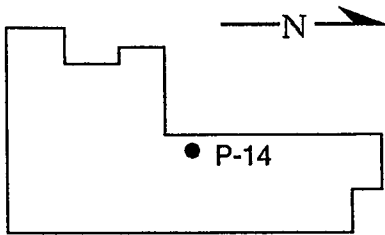
BORING NO. P-13
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 2'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION		MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	▽	Dp	0		1	█	█	SM	SILTY SAND: dark olive brown; 10-15% fines; 10-15% gravel; medium sand; no odor.
		Wet	1		2	█	█	ML	SANDY SILT: dark olive brown; 20-30% sand; 15-20% gravel; fine to coarse sand; moderate plasticity; no odor.
					3				BOTTOM OF BORING AT 2'
					4				
					5				
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				
					21				
					22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

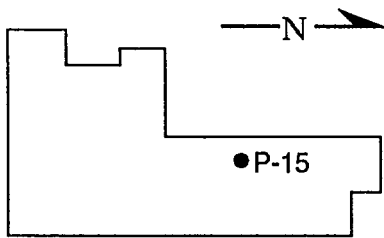
BORING NO. P-14
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 3.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Dp	0		1	█	CL	SILTY CLAY: dark grayish brown; 10-20% fine sand; no odor. @3.5': as above.
	Wet	0		3	█	.....	
				4				BOTTOM OF BORING AT 3.5'
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-15
PAGE 1 OF 1

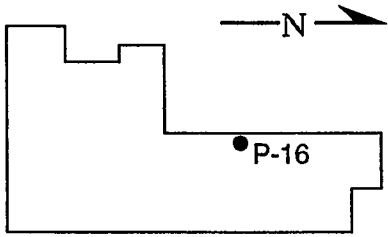
PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 2'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Dp Wet	1 0		1			SW	GRAVELLY SAND: dark reddish brown; 5-10% fines; medium coarse to coarse sand; 30-35% gravel; no odor.
				2			SC	CLAYEY SAND: dark brown; 30-40% fines; fine to coarse sand; dense population of segmented worms.
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 2'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-16
PAGE 1 OF 1

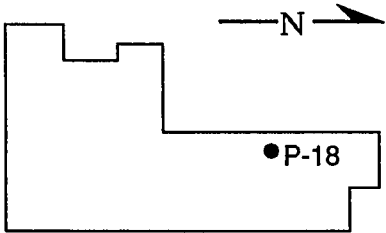
PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 1.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Dp Wet	0 0		1			SM ML	SILTY SAND: very dark grayish brown; 25-30% fine to medium sand; 10-20% gravel; dense population of segmented worms; 30-40% white/yellow pulp products; no odor.
				2				SANDY SILT: very dark grayish brown; 20-30% fine to coarse sand; trace gravel; odor.
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 1.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-18
PAGE 1 OF 1

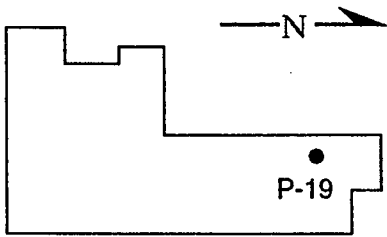
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3"
 HOLE DEPTH: 1.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	∇ Dp Wet	0 0		1			ML	SILT: white; moderate plasticity; trace to 10% very fine to medium sand; trace to 10% coarse sand; no odor.
				2			SM	SILTY SAND: dark olive gray; 10-15% fines; 10-20% very fine to fine sand; medium sand; 10-20% medium to coarse sand; trace gravel; odor.
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 1.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-19
PAGE 1 OF 1

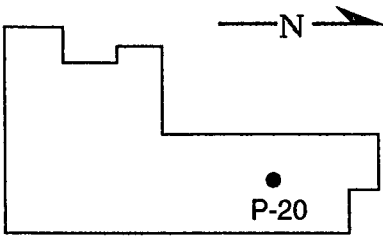
PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: SHOVEL
 SAMPLING METHOD: DISCRETE
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: NA
 HOLE DEPTH: 0.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION		MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	▽	Wet	0		1	0.5	0.5	GM	SILTY GRAVEL: white; 35-45% fines; 15-20% fine to coarse sand; very strong odor; very high organic content.
					2				
					3				
					4				
					5				
					6				
					7				
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				
					21				
					22				

BOTTOM OF BORING AT 0.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

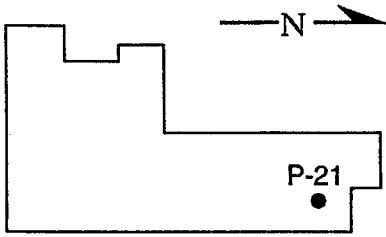
BORING NO. P-20
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: LB
 DRILLING METHOD: SHOVEL
 SAMPLING METHOD: DISCRETE
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5'
 HOLE DEPTH: 1'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	0		1			ML	SILT: dark grayish brown; low plasticity; 10-15% very fine to coarse sand; organic; wood fragments; odor.
				2				BOTTOM OF BORING AT 1'
				3				
				4				
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				7				
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				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

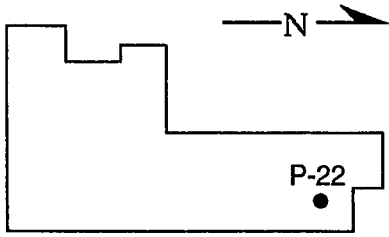
BORING NO. P-21
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: SHOVEL
 SAMPLING METHOD: DISCRETE
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: NA
 HOLE DEPTH: 1'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	1		1			ML	SANDY SILT: olive gray; 25-30% fine to medium sand; contains gold colored flecks; low plasticity; high woody organic content; odor.
				2				BOTTOM OF BORING AT 1'
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
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				13				
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LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-22

PAGE 1 OF 1

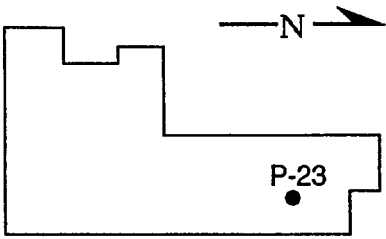
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 1.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	∇ Mst Wet	0 0		1			OL	SILT: dusky red; bright red staining; 10-20% coarse sand; low plasticity; organics; odor. @1.5: as above; black; trace gravels, wood fragments.
				2				
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 1.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

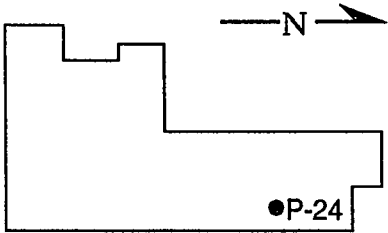
BORING NO. P-23
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: LB
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Below Paper Mill
 HOLE DIAMETER: 2 3/4'
 HOLE DEPTH: 2'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Dp	3		1			OL	SANDY SILT: olive gray; 10-20% fine to medium sand; high organic content; low plasticity; odor.
				2				
				3				BOTTOM OF BORING AT 2'
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
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				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

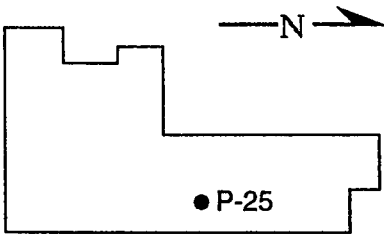
BORING NO. P-24
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: SHOVEL
 SAMPLING METHOD: DISCRETE
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Below Paper Mill
 HOLE DIAMETER: NA
 HOLE DEPTH: 1'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	1		1			OL	SANDY SILT: olive gray; 10-15% fine to medium sand; odor.
				2				BOTTOM OF BORING AT 1'
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
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				13				
				14				
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				16				
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				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-25
PAGE 1 OF 1

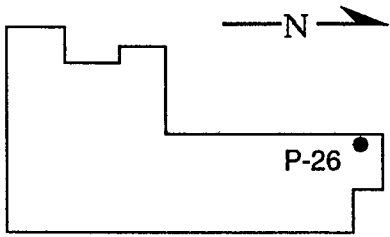
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BA
 DRILLING METHOD: SHOVEL
 SAMPLING METHOD: DISCRETE
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: NA
 HOLE DEPTH: 2.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Dp			1	0.5 - 1.0		ML	SILT: dark olive gray; moderate plasticity; organics; micaceous; odor.
				2				
				3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 2.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. P-26

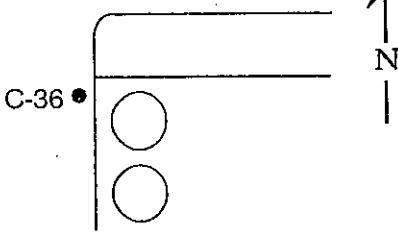
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BA
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-21-93
 LOCATION: Under Paper Mill
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 0.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material	Wet	2		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22			SM	SILTY SAND: gravelly; 20-30% fines; 20-30% very fine to medium sand; coarse sand; 20-30% gravel; no odor. @ 0.5': as above. BOTTOM OF BORING AT 0.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

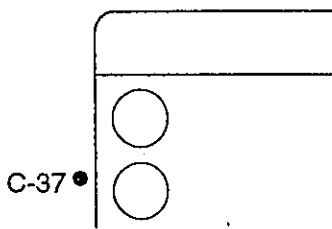
BORING NO. C-36
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0	60	2			GM	SILTY, SANDY GRAVEL: very dark brown/black; 20% fines; 30-40% fine to coarse sand; very dense; no odor. @4': as above; medium dense. SILTY SAND: very dark gray; 40-50% fines; very fine to fine sand; medium dense; odor. BOTTOM OF BORING AT 5.5'
	Mst	0	19	*	4			
	Wet	0	13	*	6		SM	
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-37
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0	27	2			SM	SILTY SAND: very dark brown; 20% fines; fine to coarse sand; 10% gravel; medium dense; no odor.
	Mst	0	13	4	*		ML	@4': black; 30% fines; trace to 10% gravel.
	Wet	0	6	6	*			SILT: black; low plasticity; 10% very fine sand; firm; odor.
				8				BOTTOM OF BORING AT 5.5'
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

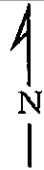
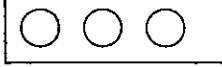
CONCRETE

BENTONITE

LOCATION MAP

C-38 ●

Silver
Complex



PACIFIC ENVIRONMENTAL GROUP, INC.

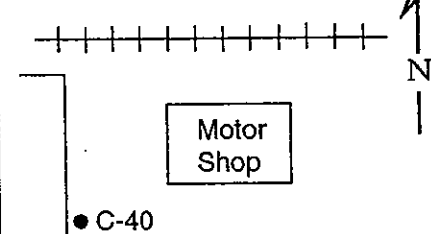
BORING NO. C-38
PAGE 1 OF 1

PROJECT NO.: 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>CONCRETE</p> <p>BENTONITE</p>	Mst	0	35	2				GM	SILTY, SANDY GRAVEL: very dark brown; 20% fines; 20-30% fine to coarse sand; dense; no odor. SILT: black; low plasticity; trace 10% fine to medium sand; trace gravel; stiff; no odor. BOTTOM OF BORING AT 5.5'
	Wet	0	12	4	*			ML	
				6	*				
				8					
				10					
				12					
				14					
				16					
				18					
				20					
				22					
				24					
				26					
				28					
				30					
				32					
				34					
				36					
				38					
				40					
				42					
				44					

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

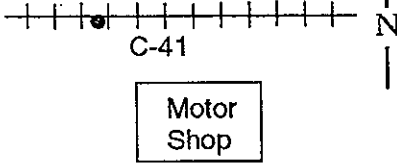
BORING NO. C-40
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet	1	>50	* 2		●●●●●●●●	GM	SILTY, SANDY GRAVEL: very dark gray; 10-20% fines; 30-40% fine to coarse sand; very dense; odor.
	Wet	1	45	* 4		●●●●●●●●	SM	SILTY SAND: very dark gray; 30-40% fines; fine to medium sand; dense; no odor.
				6				BOTTOM OF BORING AT 4'
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

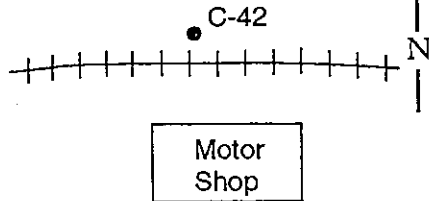
BORING NO. C-41
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet	1	45	* 2			SM	GRAVEL - FILL SILTY SAND: very dark gray; 40% fines; fine to medium sand; dense; no odor.
	Wet	0	8	* 4			ML	SILT: very dark gray; 20-30% very fine sand; trace wood; organics; firm; odor.
				6				BOTTOM OF BORING AT 4.5'
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-42

PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-16-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst 0	0	38	* 2		[Pattern]	SM	GRAVEL - FILL
	Wet 1.3	1.3	34	* 4		[Pattern]		SILTY SAND: olive brown; 40-50% fines; very fine sand; dense; no odor.
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

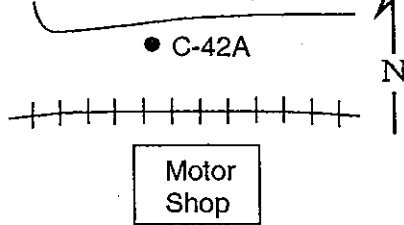
BOTTOM OF BORING AT 4'

BENTONITE

CONCRETE



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

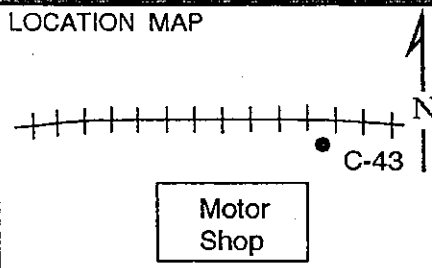
BORING NO. C-42A
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-16-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 3.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
 BENTONITE	Dp	1	47	*	1-2		SM	SILTY SAND: black; 30-40% fines; fine to medium sand; trace coarse sand; trace gravel; dense; odor.
	Wet	4	29	*	2-4		GM	SILTY GRAVEL: 10-20% fines; 10% fine to coarse sand; medium dense; sheen on soil; strong odor; saturated with hydrocarbons.
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 3.5'



PACIFIC ENVIRONMENTAL GROUP, INC.

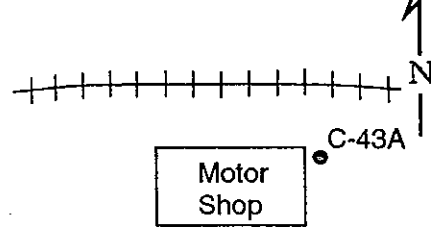
BORING NO. C-43
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0	>50	* 2			SM	SILTY, GRAVELLY SAND: dark gray; 30% fines; fine to coarse sand; 30% gravel; very dense; no odor. @ 4': SILTY SAND: black; 30-40% fines; fine to medium sand; trace coarse sand; trace gravel; medium dense; odor. BOTTOM OF BORING AT 4'
	Wet	0	24	* 4				
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

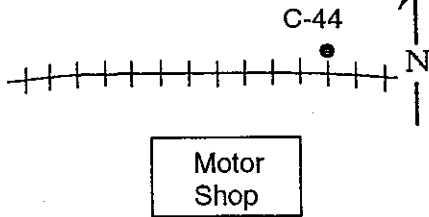
BORING NO. C-43A
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-16-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE CONCRETE</p>	Mst	1	>50	* 2			CL	CLAY: olive brown; low plasticity; 20-30% very fine to fine sand; trace medium to coarse sand; trace to 10% gravel; very dense; no odor. SILTY, CLAYEY SAND: very dark greyish brown; 20-30% fines; fine to coarse sand; trace gravel; medium dense; no odor. @5': as above; dense. BOTTOM OF BORING AT 5'
	Mst	0	27	* 3			SM/	
	Wet	0	36	* 4			SC	
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-44
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

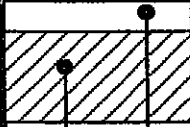
CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet	0	>50	* 2		[Pattern]	SM	SILTY, GRAVELLY SAND: dark brown; 20% fines; fine to coarse sand; 30-40% gravel; very dense; no odor.
	Wet	0	>50	* 4		[Pattern]	ML	SILT: dark greenish gray; 20% very fine sand; hard; no odor.
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

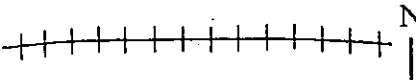
BOTTOM OF BORING AT 4'

BENTONITE

CONCRETE



LOCATION MAP ● C-44A



Motor Shop

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-44A
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

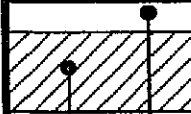
CLIENT: ITT
 DATE DRILLED: 6-16-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 3.6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dp	0	36	* 2			SM	SILTY SAND: black; 20% fines; fine sand; dense; odor.
	Mst							@3.5': black; 40% fines; fine sand; medium dense; odor.
	Wet	0	19	* 4				@3.6': encountered refusal; red dyed concrete indicating underground lines.
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

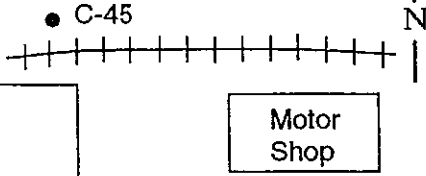
BOTTOM OF BORING AT 3.6'

BENTONITE

CONCRETE



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

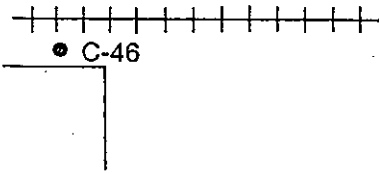
BORING NO. C-45
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet Mst	0	>50	* 2			ML	GRAVEL - FILL
	Mst	0	>50	* 4				CLAYEY SILT: dark yellowish brown; 10-20% very fine sand; trace gravel; very hard; no odor. @4': as above.
				6				BOTTOM OF BORING AT 4'
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

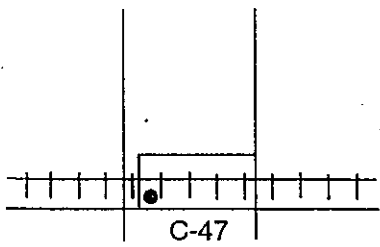
BORING NO. C-46
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	1.7	>50	* 2			GM	SILTY, SANDY GRAVEL: dark brown; 30% fines; 30% fine to coarse sand; very dense; no odor.
	Wet	0	>50	* 4			ML	SILT: dark greenish gray; 20-30% very fine to fine sand; very stiff; odor.
				6				BOTTOM OF BORING AT 4'
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

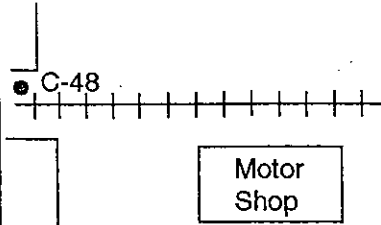
BORING NO. C-47
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 6"
 HOLE DEPTH: 2'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Cuttings	Wet	0		* 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44	[Shaded box at 2 feet]	[Graphic symbols at 2 feet]	GM	GRAVEL: trace 5% fines; 10% fine to coarse sand; no odor. BOTTOM OF BORING AT 2'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-48
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE CONCRETE</p>	Wet	0	>50	* 2			ML	GRAVEL - FILL CLAYEY SILT: black to dark greenish gray-olive brown; 20% very fine sand; trace gravel; very hard; no odor. @3.5': clayey silt; dark yellowish brown; 10% very fine sand; very hard; no odor. BOTTOM OF BORING AT 4'
	Mst	0	>50	* 4				
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP

Silvichemical Warehouse

● C-49



PACIFIC ENVIRONMENTAL GROUP, INC.

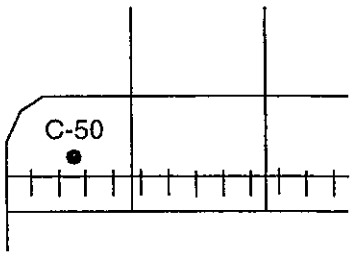
BORING NO. C-49
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE CONCRETE</p>	Mst	0	>50	2	0-2	○○○○	GM	SILTY, SANDY GRAVEL: very dark brown; 20-30% fines; 30% fine to coarse sand; very dense; no odor. ML SILT: dark yellowish brown; low plasticity; 40% very fine to fine sand; trace coarse sand; very hard; no odor. BOTTOM OF BORING AT 5'
	Dp	0	>50	3	2-3	○○○○		
	Dp	1	>50	4	4-5	○○○○		
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



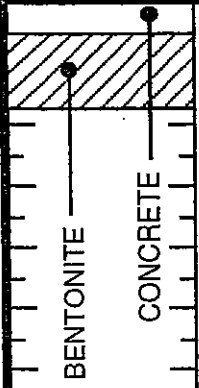
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-50
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

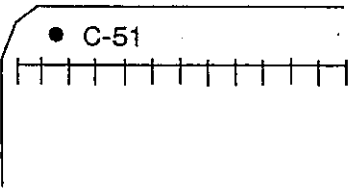
CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 3.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
		0	>50	* 2		○○○○	GM	SILTY, SANDY GRAVEL: black; 20% fines; 30% fine to coarse sand; very dense; odor. SILT: dark greenish gray; low plasticity; trace very fine sand; very hard; odor.
		0	>50	* 4		○○○○	ML	
				6				BOTTOM OF BORING AT 3.5'
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



BENTONITE
 CONCRETE

LOCATION MAP



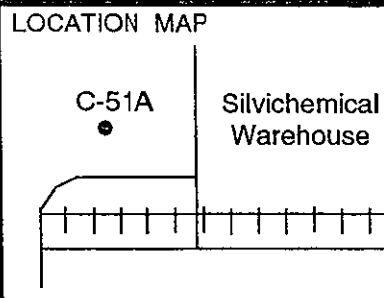
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-51
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 3.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0	19	*			SM	SILTY SAND: dark brown; 30-40% fines; fine to coarse sand; trace gravel; medium dense; no odor. SILT: dark greenish grey; low plasticity; trace very fine sand; trace coarse sand; hard; odor. BOTTOM OF BORING AT 3.5'
	Wet	0	49	*			ML	
				2				
				4				
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



PACIFIC ENVIRONMENTAL GROUP, INC.

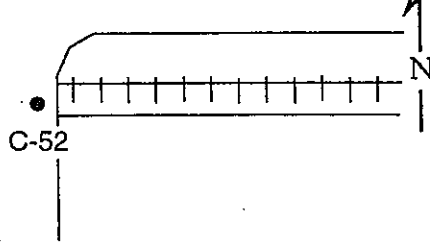
BORING NO. C-51A
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-16-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4.7'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE</p> <p>CONCRETE</p>	Mst	4	>50	* 2			SM	SILTY, GRAVELLY SAND: black; 20% fines; fine to coarse sand; 30% gravel; very dense; no odor. @3': dark greenish gray; 40-50% fines; very fine sand; very dense. SILT: dark greenish gray; low plasticity; trace very fine sand; very hard; odor. SILTY, SANDY GRAVEL: dark greenish gray; 20% fines; 30% fine to coarse sand; very dense; no odor. BOTTOM OF BORING AT 4.7'
	Mst	0	>50	* 4			ML	
	Mst-Wet	0	>50				GM	
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

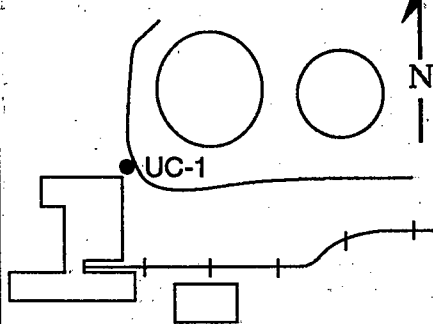
BORING NO. C-52
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE CONCRETE</p>	Mst	0	22	2		○ ○ ○ ○ ○ ○ ○ ○ ○ ○	GM	SILTY, SANDY GRAVEL: very dark brown/black; 20% fines; 30% fine to coarse sand; medum dense; no odor.
	Wet	0	8	4		● ● ● ● ● ● ● ● ● ●	SM	SILTY SAND: dark brown; 40% fines; very fine to fine sand; very stiff; no odor.
				6		○ ○ ○ ○ ○ ○ ○ ○ ○ ○	ML	SILT: very dark gray; low plasticity; trace 10% very fine sand; firm; odor.
				5.5				BOTTOM OF BORING AT 5.5'
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. UC-1
PAGE 1 OF 1

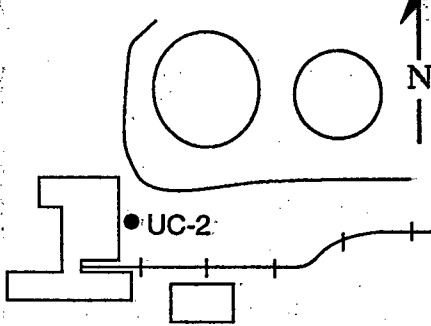
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT. RAYONIER
 DATE DRILLED: 10-18-93
 LOCATION: Hoquiam - Utilities Chase
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
 BENTONITE	Mst	0		2'			SM	ASPHALT 6" and BASEROCK 6"
	Wet	0		4'				@6': black; 30-40% fines; very fine to fine sand; organics; no odor.
	Wet	0		6'				@10': as above.
				8'				
				10'				
				12'				
				14'				
				16'				
				18'				
				20'				
				22'				
				24'				
				26'				
				28'				
				30'				
				32'				
				34'				
				36'				
				38'				
				40'				
				42'				
				44'				

BOTTOM OF BORING AT 10'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

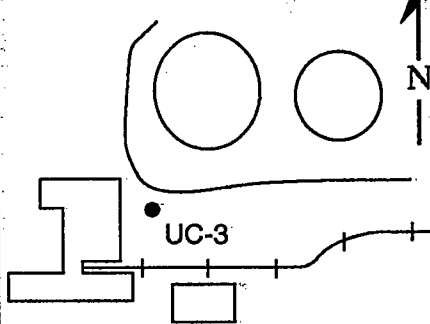
BORING NO. UC-2
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-18-93
 LOCATION: Hoquiam - Utilities Chase
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE</p>	Mst	0		2*	[Solid black bar]	[Dotted pattern]	SM	ASPHALT 6" and BASEROCK 6" SILTY SAND: black; 20-30% fines; 10-20% very fine to medium sand; medium to coarse sand; 10-20% gravel; no odor.
	Wet	0		4	[Solid black bar]	[Dotted pattern]		@7': as above with black sludge-like substance and sulfur odor.
	Mst	0		8	[Solid black bar]	[Dotted pattern]	ML	SILT: black; low plasticity; 20-30% very fine to medium sand; abundant organics; no odor.
				10*	[Solid black bar]	[Dotted pattern]		BOTTOM OF BORING AT 10'

LOCATION MAP



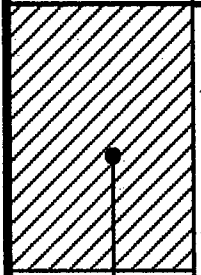
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. UC-3
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

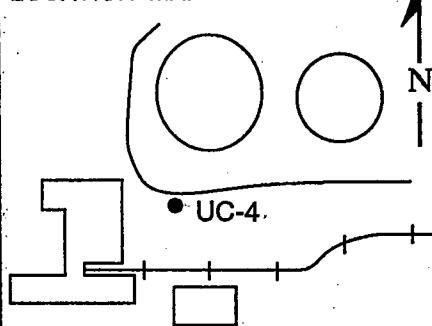
CLIENT: ITT RAYONIER
 DATE DRILLED: 10-18-93
 LOCATION: Hoquiam - Utilities Chase
 HOLE DIAMETER: 8"
 HOLE DEPTH: 8.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PI/D	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0		2			SM	ASPHALT 6" and BASEROCK 12"
	Wet	0		4				SILTY SAND: dark gray; 30-40% fines; very fine to fine sand; 10% coarse sand; no odor.
				6				
				8				@7': dark greenish gray; 10-20% gravel.
				10				BOTTOM OF BORING AT 8.5'
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



BENTONITE

LOCATION MAP



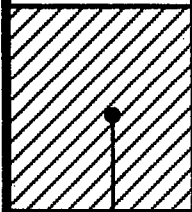
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. UC-4
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-18-93
 LOCATION: Hoquiam - Utilities Chase
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

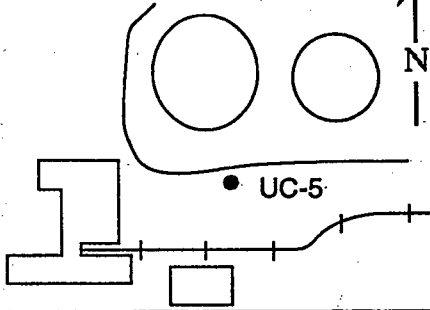
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0		2			SM	ASPHALT 6" and BASEROCK 12"
	Wet	0		4				SILTY SAND: dark greenish gray; 30-40% fines; very fine to fine sand; trace to 10% medium sand; no odor. @4': decreasing fines; increasing medium sand.
	Mst	0		6				@6.5': dark yellowish brown.
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



BENTONITE

BOTTOM OF BORING AT 6.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

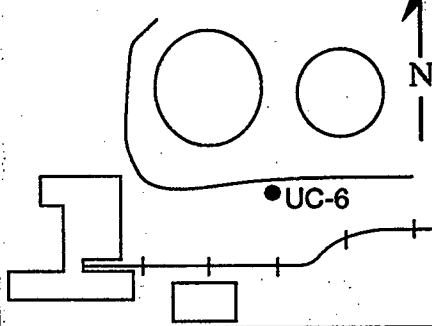
BORING NO. UC-5
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-18-93
 LOCATION: Hoquiam - Utilities Chase
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0		2			SM	ASPHALT 6" and BASEROCK 12" SILTY SAND: dark yellowish brown; 30-40% fines; very fine to fine sand; trace to 10% medium sand; no odor.
BENTONITE	Wet	0		4				@4.5': dark greenish gray. @6.5': as above. BOTTOM OF BORING AT 6.5'
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. UC-6
PAGE 1 OF 1

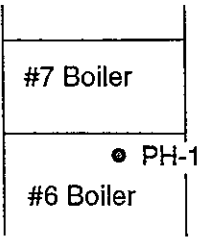
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-18-93
 LOCATION: Hoquiam - Utilities Chase
 HOLE DIAMETER: 8"
 HOLE DEPTH: 8'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	P/D	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0		2			SM	ASPHALT 6" and BASEROCK 12"
	Mst	1		4*				SILTY SAND: dark olive gray; 30-40% fines; very fine to fine sand; no odor.
	Wet	0		6*				@5': as above.
	Wet	0		8*				@6.5': as above.
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 8'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-1
PAGE 1 OF 1

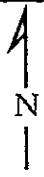
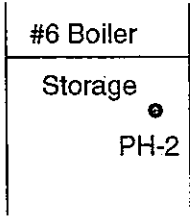
PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3"
 HOLE DEPTH: 3.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Cuttings	Mst	6		* 2			ML	SILT: black; low plasticity; organics; odor.
	Wet	13		* 4			SM	SILTY SAND: black; 30% fines; fine to coarse sand; trace gravel; odor.
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 3.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-2
PAGE 1 OF 1

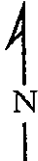
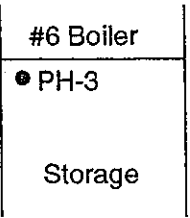
PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Cuttings	Dp	0		* 2			SM	SILTY SAND: very dark brown; 5-10% fines; fine to coarse sand; no odor.
	Wet	0		* 4			ML	CLAYEY SILT: reddish brown; moderate to high plasticity; trace to 5% fines; fine to medium sand; no odor.
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 4'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

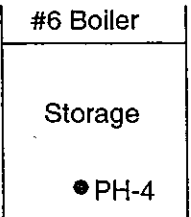
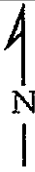
BORING NO. PH-3
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3"
 HOLE DEPTH: 2'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

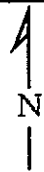
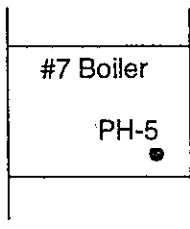
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Cuttings	▽	0		* 2	2-2	.....	SM	SILTY SAND: very dark brown; 40-50% fines; fine sand; trace organics; odor.
				4				
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 2'

LOCATION MAP 	 PACIFIC ENVIRONMENTAL GROUP, INC.	BORING NO. PH-4 PAGE 1 OF 1
PROJECT NO. 400-02.04 LOGGED BY: MM DRILLER: CASCADE DRILLING METHOD: HAND AUGER SAMPLING METHOD: GRAB CASING TYPE: NA SLOT SIZE: NA GRAVEL PACK: NA		CLIENT: ITT DATE DRILLED: 6-17-93 LOCATION: Powerhouse HOLE DIAMETER: 3" HOLE DEPTH: 5.5' WELL DIAMETER: NA WELL DEPTH: NA CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Cuttings	Dp	0		*	1-2	[Dotted pattern]	SM	SILTY SAND: reddish brown; 20-30% fines; fine to coarse sand; trace gravel; odor.
	Wet	0		*	3-5.5	[Diagonal hatching]	CL	CLAY: dark olive gray; moderate to high plasticity; 20% medium to coarse sand; no odor.
				6				BOTTOM OF BORING AT 5.5'
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-5
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3"
 HOLE DEPTH: 3.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Cuttings	Mst	0		*			ML	SAWDUST AND SILT: very dark brown; no odor.
	Wet	1		*			SM	SILTY SAND: very dark gray; 40-50% fines; fine to coarse sand; trace wood; odor.
				2				
				4				
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 3.5'

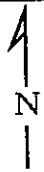
LOCATION MAP

#8 Boiler

#7 Boiler

● PH-6

#6 Boiler



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-6

PAGE 1 OF 1

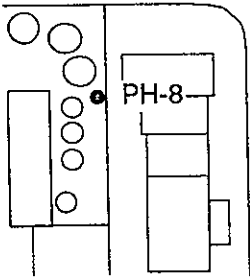
PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3"
 HOLE DEPTH: 3'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Backfilled With Cuttings	Wet	0		* 2				Tar-like Product: black; strong odor.
				4				
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 3'

LOCATION MAP



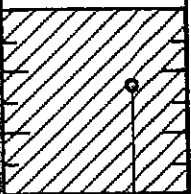
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-8
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-25-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

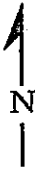
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				ASPHALT 4" and CONCRETE 8"
	Dp	0		* 2			SM	SILTY SAND: olive brown; 10-20% fines; trace to 10% very fine to fine sand; fine to medium sand; 10-20% coarse sand; trace to 10% gravel; no odor.
				3				@3': black; 20-30% fines; medium sand; strong sulfur odor.
	Wet	0		* 4				
				5				BOTTOM OF BORING AT 4'
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				



BENTONITE

LOCATION MAP

●PH-10
BOILER 6



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-10
PAGE 1 OF 1

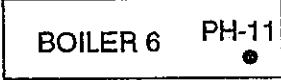
PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT Rayonier
 DATE DRILLED: 11-18-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 3.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1		[Hatched pattern]		CEMENT (0.7") @0.7': void space.
				2				
	Dp Wet	0		3		[Hatched pattern] [Dotted pattern]	SM	SILTY SAND: dark yellowish brown; 30-35% fines; fine to medium sand.
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 3.5'
 Note: boring drilled through cement floor.

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-11
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

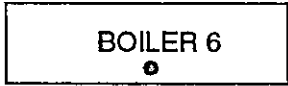
CLIENT: ITT Rayonier
 DATE DRILLED: 11-18-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 4.0'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
		6		1		[Pattern]		CEMENT (0.7") @0.7': void space.
				2		[Pattern]	ML	SILT: black (sheen); low plasticity; 20-25% fine sand; oil; strong hydrocarbon odor.
	▽	53		3		[Pattern]	SM	SILTY SAND: black with sheen; 20-30% fines; fine to coarse sand; hydrocarbon odor.
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

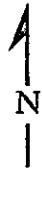
BOTTOM OF BORING AT 4.0'

Note: boring drilled through cement floor.

LOCATION MAP



PH-12



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-12
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT Rayonier
 DATE DRILLED: 11-18-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 4.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				CEMENT (0.7") @0.7': void space. ML SILT: plywood coated with black oil; standing water below plywood; sample gathered below water level. @4.5': soil interface; sample consisted of black silt/oil combination. BOTTOM OF BORING AT 4.5' Note: boring drilled through cement floor.
				2				
				3				
	▽	23		4			ML	
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PH-13



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-13

PAGE 1 OF 1

PROJECT NO. 400-02.04

LOGGED BY: BA

DRILLER: BA

DRILLING METHOD: HAND AUGER

SAMPLING METHOD: GRAB

CASING TYPE: NA

SLOT SIZE: NA

GRAVEL PACK: NA

CLIENT: ITT Rayonier

DATE DRILLED: 11-18-93

LOCATION: Powerhouse

HOLE DIAMETER: 3.5"

HOLE DEPTH: 4.5'

WELL DIAMETER: NA

WELL DEPTH: NA

CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				<p>CEMENT (0.7") @0.7': void space.</p> <p>STANDING WATER: black; oil coats wood material; no soil sample collected; saturated soil too fluid to sample with hand auger; black substance adhering to auger was sent to laboratory for analysis.</p> <p>BOTTOM OF BORING AT 4.5'</p> <p>Note: boring drilled through cement floor.</p>
				2				
				3				
				4				
		0		5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. PH-14
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT Rayonier
 DATE DRILLED: 11-18-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 4.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				CEMENT (0.7") @0.7': void space. @3.8': standing water; sample gathered below water level and soil interface. SILT: very dark brown; low plasticity; ***; 20-25% fine sand; hydrocarbon/sulfur odor. BOTTOM OF BORING AT 4.5' Note: boring drilled through cement floor.
				2				
				3				
	∇		0	4			ML	
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP

PH-15



BOILER 6

PACIFIC ENVIRONMENTAL GROUP, INC.

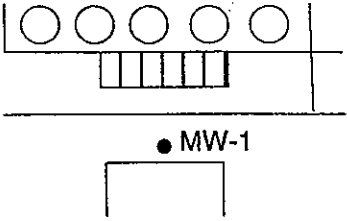
BORING NO. PH-15
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: BA
 DRILLER: BA
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: GRAB
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT Rayonier
 DATE DRILLED: 11-18-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 3.5"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
		0		1				CEMENT (0.7") @0.7': void space.
		0		2		GM	GM	GRAVEL: very dark grayish brown; 10-15% fines; 30-35% fine to coarse sand; no hydrocarbon odor.
				3		SM	SM	SILTY SAND: very dark gray; 25-30% fines; fine to medium sand; no hydrocarbon odor.
				4				BOTTOM OF BORING AT 4.0'
				5				Note: boring drilled through cement floor.
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

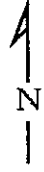
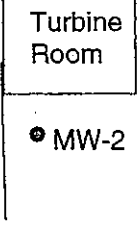
WELL NO. MW-1
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: Sch 40PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT
 DATE DRILLED: 6-15-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 14'
 WELL DIAMETER: 2"
 WELL DEPTH: 13.5'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0	10	2			GM	SILTY, SANDY GRAVEL: very dark brown/black; 20% fines; 30% fine to coarse sand; loose; no odor.
	Wet	0	32	4				@5.5': as above; interbedded silt layer to 2" thick; dark grayish brown silt; moderate plasticity; dense; no odor.
	Wet	0	14	10			ML	SILT: black; 10-20% very fine to fine sand; trace organics (wood); stiff; odor.
	Wet	1	17	14			SM	SILTY SAND: black; 30-40% fines; fine to medium sand; medium dense; no odor.
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				
								BOTTOM OF BORING AT 14'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

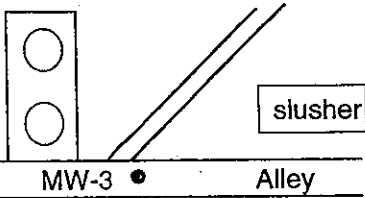
WELL NO. MW-2
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: Sch 40PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 16'
 WELL DIAMETER: 2"
 WELL DEPTH: 16'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>CONCRETE SAND BENTONITE</p>	Mst	0	7	2			SM	SILTY SAND: very dark grayish brown; 20-30% fines; fine to medium sand; trace gravel; organics; loose; no odor.
	Wet	0	12	4	*			@10.5': very dark gray; 10-20% fines; fine sand; trace medium to coarse sand; medium dense; no odor.
	Wet	0	>50	10	*			@16': very dark gray; 10% fines; fine to coarse sand; trace to 10% gravel; organics; very dense; sheer; odor.
				12				
				14				
				16				BOTTOM OF BORING AT 16'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

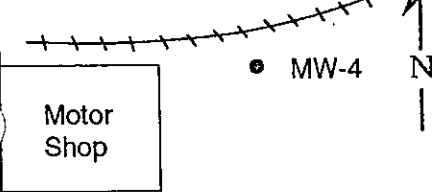
WELL NO. MW-3
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: Sch 40PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Gas & Maintenance
 HOLE DIAMETER: 8"
 HOLE DEPTH: 14'
 WELL DIAMETER: 2"
 WELL DEPTH: 14'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dp	25	37	2	*		SM	SILTY SAND: very dark gray; 20% fines; fine to coarse sand; 10% gravel; white powder; dense; no odor.
	Wet	2	4	4			CL	SANDY CLAY: olive gray; moderate plasticity; 20% fine to coarse sand; trace gravel; firm; odor.
	Wet	0	>50	10			ML	@10.5': wood chips.
	Wet	0	12	14			ML	SILT: dark olive gray; moderate to high plasticity; 10% very fine sand; wood; stiff; no odor.
				16				BOTTOM OF BORING AT 14'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

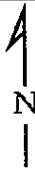
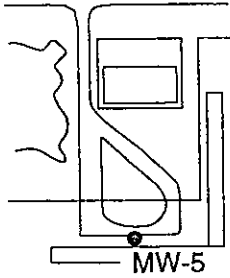
WELL NO. MW-4
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: Sch 40PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT
 DATE DRILLED: 6-18-93
 LOCATION: Motor Shop
 HOLE DIAMETER: 8"
 HOLE DEPTH: 14'
 WELL DIAMETER: 2"
 WELL DEPTH: 14'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet	0	5	2			SM	SILTY SAND: dark greenish gray; 30-40% fines; fine sand; trace coarse sand; trace gravel; iron oxide staining; loose; odor.
	Mst	0	27	8				@9': olive brown; 20% fines; very fine to fine sand; medium dense, no odor.
	Mst	0	7	14				@14': as above; loose.
				16				BOTTOM OF BORING AT 14'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-5
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: .010
 GRAVEL PACK: 10 X 20

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Warehouse Turnaround
 HOLE DIAMETER: 8"
 HOLE DEPTH: 16.5'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

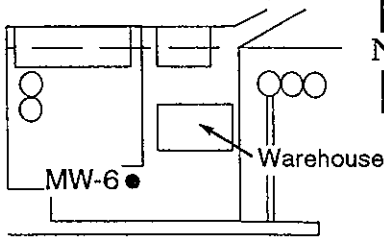
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				FILL: 8" asphalt; 8" large angular gravel.
	Mst	0	22	2			SP	SAND: very dark gray; trace to 5% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	4	3				
				4	*		SM	SILTY SAND: very dark gray; 10-20% fines; very fine to fine sand; loose; no odor.
				5				
				6				
				7				
				8				
				9				
	Wet	0	6	10				
				11				@11.5: as above.
				12				
				13				
				14				
	Wet	0	7	15				
				16				@16.5: as above.
				17				BOTTOM OF BORING AT 16.5'
				18				
				19				
				20				
				21				
				22				

SAND
CONCRETE

BENTONITE



LOCATION MAP



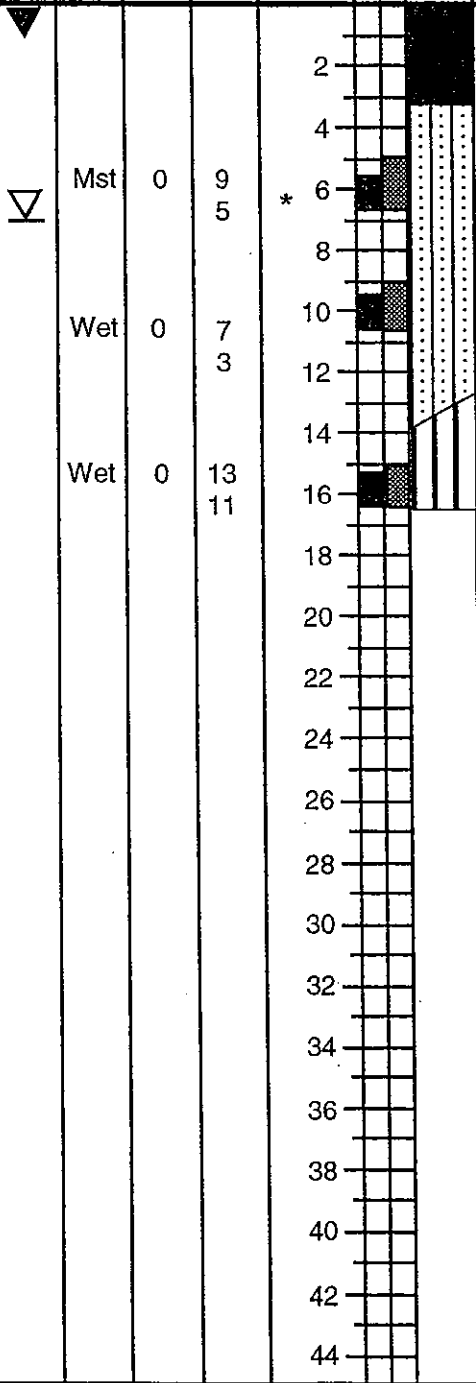
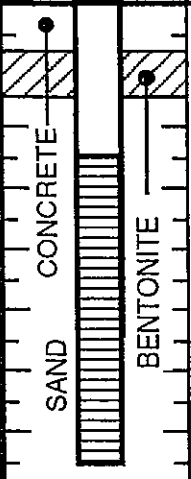
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-6
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: Sch 40PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT
 DATE DRILLED: 6-24-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 16.5'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2				FILL: 6" asphalt; 24" baserock.
				4			SM	SILTY SAND: black; 30-40% fines; very fine to fine sand; medium dense; no product odor.
	Mst	0	9	6				@11.5': as above.
			5	8				
	Wet	0	7	10				
			3	12				
	Wet	0	13	14			MH	SILT: black; high plasticity; 10-20% very fine sand; medium dense; no product odor.
			11	16				BOTTOM OF BORING AT 16.5'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



FILL: 6" asphalt; 24" baserock.

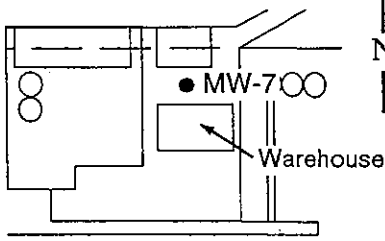
SM SILTY SAND: black; 30-40% fines; very fine to fine sand; medium dense; no product odor.

@11.5': as above.

MH SILT: black; high plasticity; 10-20% very fine sand; medium dense; no product odor.

BOTTOM OF BORING AT 16.5'

LOCATION MAP



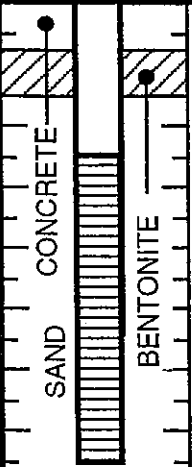
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-7
PAGE 1 OF 1

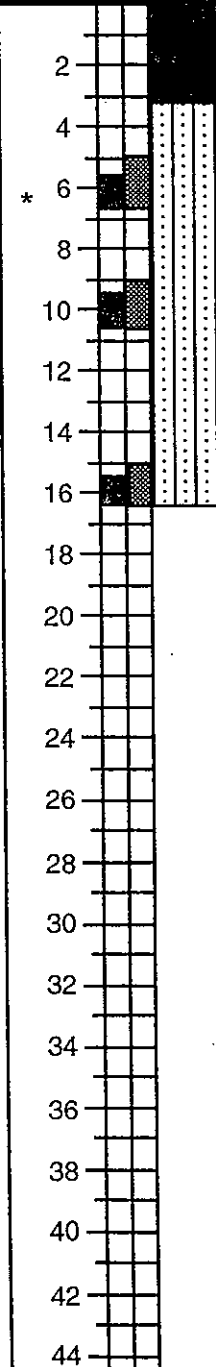
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: Sch 40PVC
 SLOT SIZE: 0.010"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT
 DATE DRILLED: 6-24-93
 LOCATION: Silvichemical
 HOLE DIAMETER: 8"
 HOLE DEPTH: 16.5'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				2				FILL: 6" asphalt; 24" baserock.
				4			SM	SILTY SAND: black; 20-30% fines; fine sand; medium dense; odor.
	Mst	0	10	6	*			@11.5': as above.
	Wet	0	9	8				
			3	10				@16.5: 5-15% medium sand.
	Wet	0	8	14				
			7	16				BOTTOM OF BORING AT 16.5'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



MOISTURE CONTENT	
PID	0
PENETRATION (BLOWS/FT)	10
	5
	9
	3
	8
	7



FILL: 6" asphalt; 24" baserock.

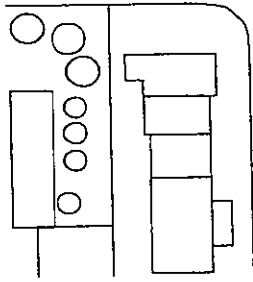
SILTY SAND: black; 20-30% fines; fine sand; medium dense; odor.

@11.5': as above.

@16.5: 5-15% medium sand.

BOTTOM OF BORING AT 16.5'

LOCATION MAP



MW-8

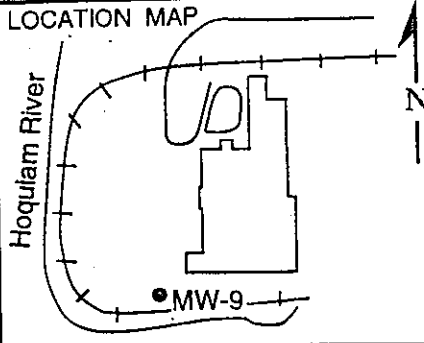
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-8
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HAND AUGER
 SAMPLING METHOD: SS
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: .010
 GRAVEL PACK: 10 X 20

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-25-93
 LOCATION: Powerhouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15.5'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
			7	2				FILL: asphalt 6"; concrete 12"; and baserock 18".
				4			OL	SILT: dark olive; low plasticity; 10-20% medium to coarse sand; organics; very loose; strong sulfur odor.
			5	6	*		SM	SILTY SAND: very dark gray; 20-30% fines; very fine to fine sand; very loose; strong sulfur odor.
				10				
			5	14				@15.5; very loose.
				16				BOTTOM OF BORING AT 15.5'
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				



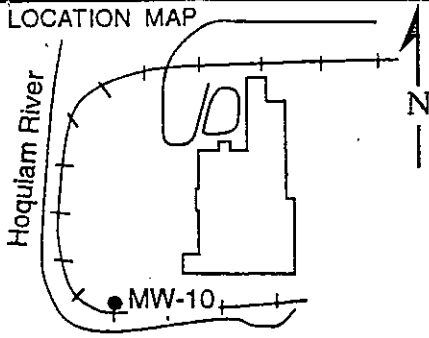
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-9
PAGE 1 OF 1

PROJECT NO. 400-02.07
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Split Spoon & Core Barrel
 CASING TYPE: Sch.40 PVC
 SLOT SIZE: .020"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-19-93
 LOCATION: Hoquiam & Bone Yard South
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet	0		2			SM	Surface Cover SILTY SAND: black; 30-40% fines; very fine to fine sand; trace to 10% coarse sand; trace gravel; no odor.
	Mst	0		4				
				6				
				8				@8': brick fragment.
				10			Pt	PEAT: wood waste; strong sulfur odor; sheen.
	Wet	0		12				
	Wet	0		14			ML	SILT: dark greenish gray; low plasticity; 30-40% very fine to fine sand; no odor.
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
			32					
			34					
			36					
			38					
			40					
			42					
			44					
								BOTTOM OF BORING AT 15'



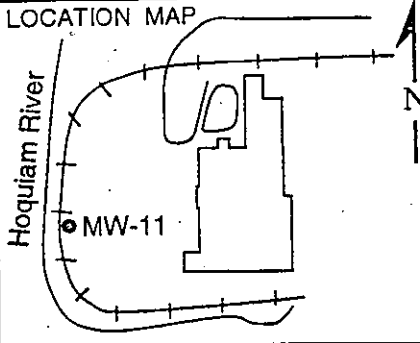
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-10
PAGE 1 OF 1

PROJECT NO. 400-02.07
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Split Spoon & Core Barrel
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: .020"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-19-93
 LOCATION: Hoquiam & Bone Yard South
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
CEMENT 	Dp	0		2	*		SP	Surface Cover SAND: very dark grayish brown; trace to 5% fines; trace to 10% very fine to fine sand; medium sand; trace gravel; no odor.
	Mst	0		6			SM	SILTY SAND: very dark grayish brown; 20-30% fines; very fine to fine sand; no odor.
	Wet	0		10			Pt	PEAT: wood waste; strong sulfur odor.
	Wet	0		14	*		ML	SILT: dark olive gray; trace to 10% very fine to fine sand; no odor.
					16			
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				
								BOTTOM OF BORING AT 15'



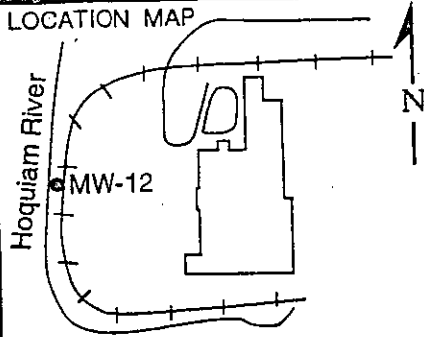
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-11
PAGE 1 OF 1

PROJECT NO. 400-02.07
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Split Spoon & Core Barrel
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: .020"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-19-93
 LOCATION: Hoquiam & Bone Yard South
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
CEMENT 	Mst	0		2			SM	Surface Cover
				4				
	Wet	0		6				
				8				@7': dark greenish gray; 30-40% fines; very fine to fine sand; no odor.
	Wet	0		10				
				12			Pt	PEAT: wood waste; black; 20-30% gravel; no odor.
	Wet	0		14			ML	SILT: dark gray; 20-30% very fine to fine sand; no odor.
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				
								BOTTOM OF BORING AT 15'



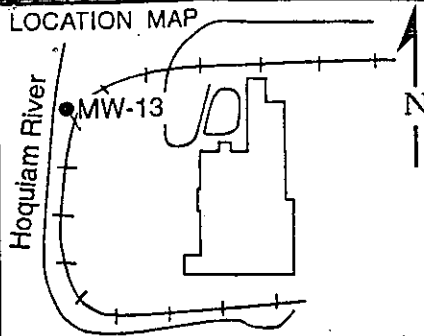
PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-12
PAGE 1 OF 1

PROJECT NO. 400-02.07
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Split Spoon & Core Barrel
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: .020"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-19-93
 LOCATION: Hoquiam & Bone Yard South
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
CEMENT SAND BENTONITE	Mst	0		2			SM	ASPHALT 6" and BASEROCK 6"
				4				
	Wet	0		6				
				8				@ 7': olive brown; 30-40% fines; very fine to fine sand; trace gravel; no odor.
				10			Pt	PEAT: wood waste; black; 20-30% gravel; no odor.
				12				
	Wet	0		14			ML	SILT: very dark gray.
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
			32					
			34					
			36					
			38					
			40					
			42					
			44					
BOTTOM OF BORING AT 15'								



PACIFIC ENVIRONMENTAL GROUP, INC.

WELL NO. MW-13
PAGE 1 OF 1

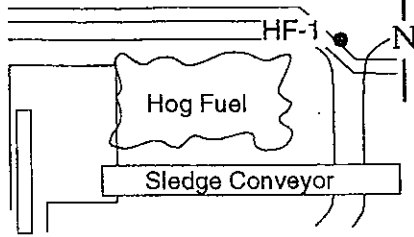
PROJECT NO. 400-02.07
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Split Spoon & Core Barrel
 CASING TYPE: Sch 40 PVC
 SLOT SIZE: .020"
 GRAVEL PACK: 10X20 SAND

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-19-93
 LOCATION: Hoquiam & Bone Yard North
 HOLE DIAMETER: 8"
 HOLE DEPTH: 15'
 WELL DIAMETER: 2"
 WELL DEPTH: 15'
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet	0		2			SM	Surface Cover
				4				
	Wet	0		6				
				8				@7': black; abundant; organics.
				10				
	Wet	0		12				
				14				@13.5': dark olive brown; 20-30% fines; very fine to fine sand; trace gravel; no odor.
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
			32					
			34					
			36					
			38					
			40					
			42					
			44					

BOTTOM OF BORING AT 15'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-1
PAGE 1 OF 1

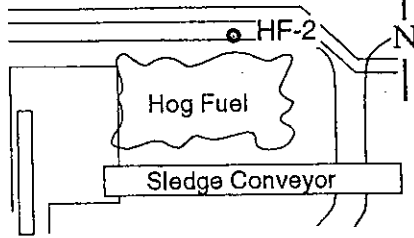
PROJECT NO. 400-02.04
LOGGED BY: LB
DRILLER: GEOBORING
DRILLING METHOD: HSA
SAMPLING METHOD: SS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: ITT RAYONIER
DATE DRILLED: 6-23-93
LOCATION: Hog Fuel
HOLE DIAMETER: 8"
HOLE DEPTH: 5.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 18" large angular cobbles and gravel.
	Wet	0	20	* 2			MH	SILT: dark gray; moderate plasticity; medium dense; no odor.
	Wet	0	4	* 3				
				* 4				
				* 5			SM	SILTY SAND: black; 20-30% fines; 10-15% very fine to fine sand; 10-15% fine to medium sand; trace 5% medium to coarse sand; wood fragments; loose; no odor.
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-2
PAGE 1 OF 1

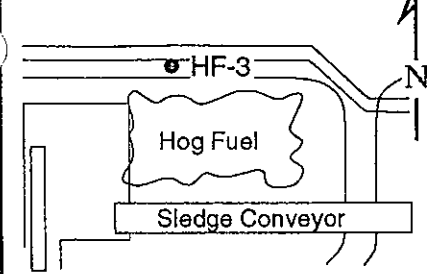
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 24" large angular cobbles and gravel.
	Wet	0	32	* 3			SP	SAND: very dark gray; trace to 5% fines; very fine to fine sand; trace to 5% medium sand; dense; no odor.
	Wet	0	21	* 5				@5.5': as above.
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-3
PAGE 1 OF 1

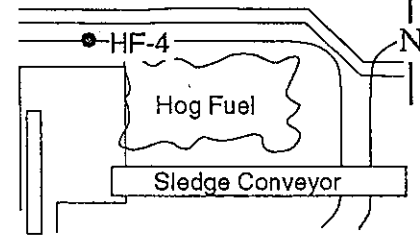
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 24" large angular cobbles and gravel.
	Wet	0	25	* 3			SM	SILTY SAND: black; trace to 10% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	8	* 5				@5.5': as above.
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

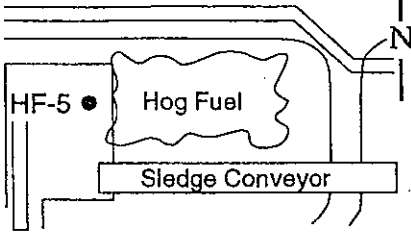
BORING NO. HF-4
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 24" large angular cobbles and gravel.
				2				
				3				No recovery.
				4			SM	SILTY SAND: black; trace to 10% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	22	* 5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				
								BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-5
PAGE 1 OF 1

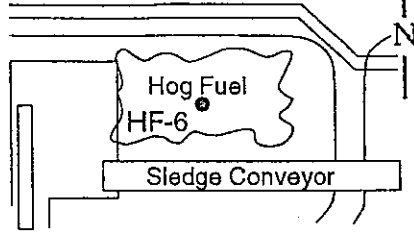
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LOGGED BY: LB
DRILLER: GEOBORING
DRILLING METHOD: HSA
SAMPLING METHOD: SS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: ITT RAYONIER
DATE DRILLED: 6-23-93
LOCATION: Hog Fuel
HOLE DIAMETER: 8"
HOLE DEPTH: 5.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 24" large angular cobbles and gravel.
			24	2				
				3				No recovery.
				4			SM	SILTY SAND: very dark gray; 20-30% fines; 20-30% very fine to medium sand; medium to coarse sand; trace gravel; medium dense; no odor.
	Wet	0	22	* 5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

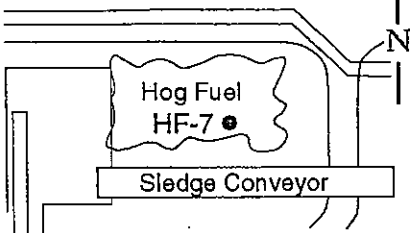
BORING NO. HF-6
PAGE 1 OF 1

PROJECT NO. 400-02.04
LOGGED BY: LB
DRILLER: GEOBORING
DRILLING METHOD: HSA
SAMPLING METHOD: SS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: ITT RAYONIER
DATE DRILLED: 6-23-93
LOCATION: Hog Fuel
HOLE DIAMETER: 8"
HOLE DEPTH: 6'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 30" wood chips; 6" large angular cobbles and gravel.
	Wet	0	36	* 4			SM	SILTY SAND: black; 20-30% fines; 20-30% very fine to medium sand; medium to coarse sand; trace gravel; dense; no odor.
			41	5				@6': No recovery.
				6				BOTTOM OF BORING AT 6'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

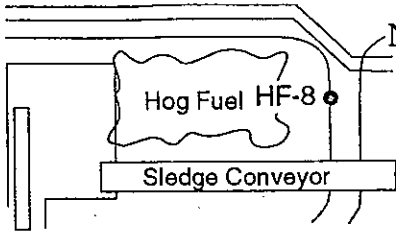
BORING NO. HF-7
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 24" wood chips; 12" large angular cobbles and gravel.
				2				
	Wet	0	35	3				SM SILTY SAND: black; 20-30% fines; 20-30% fine to medium sand; medium to coarse sand; trace gravel; wood fragments; dense; no odor; minimal sample recovery. @6.5': as above.
	Wet	0	29	4				
				5				
				6	*			BOTTOM OF BORING AT 6.5'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-8
PAGE 1 OF 1

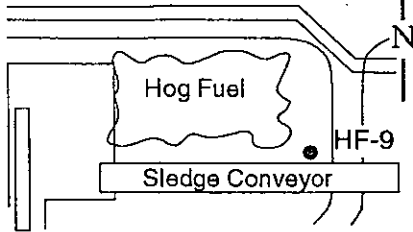
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DRILLER: GEOBORING
DRILLING METHOD: HSA
SAMPLING METHOD: SS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: ITT RAYONIER
DATE DRILLED: 6-23-93
LOCATION: Hog Fuel
HOLE DIAMETER: 8"
HOLE DEPTH: 5.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 24" large angular cobbles and gravel.
	Wet	0	27	3*			SM	SILTY SAND: very dark gray; 10-15% fines; 10-20% fine to medium sand; medium to coarse sand; trace gravel.
	Wet	0	11	4				@5.5': as above; black; wood fragments.
				5				BOTTOM OF BORING AT 5.5'
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

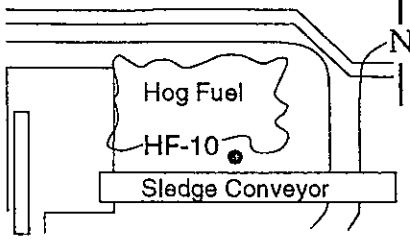
BORING NO. HF-9
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 24" wood chips; 6" large angular gravel.
	Wet	0	28	* 4			SM	SILTY SAND: very dark gray; 10-20% fines; very fine to fine sand; trace to 10% fine to medium sand; trace gravel; medium dense; no odor. @6': black; wood fragments.
	Wet	0	17	* 5				
BENTONITE				6				BOTTOM OF BORING AT 6'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-10
PAGE 1 OF 1

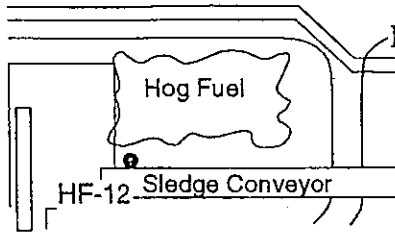
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 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1		[Stippled pattern]		FILL: 24" wood chips; 12" large angular cobbles and gravel.
	▽			2				
			26	3				No recovery.
				4				
	Wet	0	38	* 5		[Cross-hatched pattern]	Pt	ORGANIC MATTER (wood waste); gravel; concrete fragments; dense; no odor.
				6		[Cross-hatched pattern]		
				7				BOTTOM OF BORING AT 6'
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-12
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

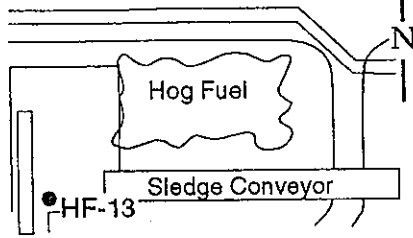
CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 12" large angular cobbles and gravel.
	Wet	0	11	* 2			SM	SILTY SAND: black; 20-30% fines; medium sand; trace gravel; abundant wood fragments; medium dense; no odor. @4.5': as above. @6': as above. BOTTOM OF BORING AT 6'
	Wet	0	10	* 3				
	Wet	0	18	* 4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-13
PAGE 1 OF 1

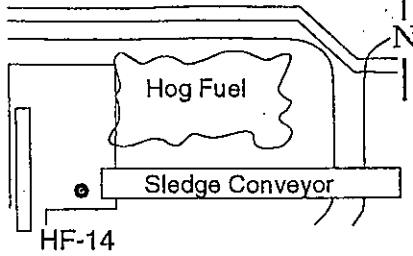
PROJECT NO. 400-02.04
LOGGED BY: LB
DRILLER: GEOBORING
DRILLING METHOD: HSA
SAMPLING METHOD: SS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: ITT RAYONIER
DATE DRILLED: 6-23-93
LOCATION: Hog Fuel
HOLE DIAMETER: 8"
HOLE DEPTH: 6'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 24" large angular cobbles and gravel.
	Wet	0	22	* 4			SM	SILTY SAND: dark olive brown; trace to 10% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	13	* 5				@6': as above.
				6				BOTTOM OF BORING AT 6'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-14
PAGE 1 OF 1

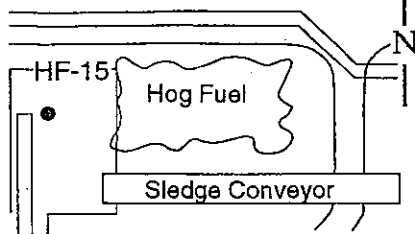
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-24-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 24" large angular cobbles and gravel.
	Mst	0	14	* 3			SM	SILTY SAND: dark greenish gray; 25-30% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	14	* 5				@5.5: olive brown.
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-15
PAGE 1 OF 1

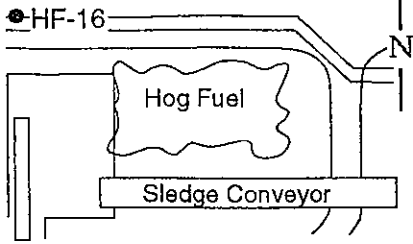
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-24-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 16" wood chips; 12" large angular cobbles and gravel.
				2				
	Wet	0	>50	* 3			SM	SILTY SAND: dark olive gray; 30-40% fines; 10-20% very fine to medium sand; coarse sand; very dense; no odor.
	Wet	0	>50	* 5				@5.5: as above.
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. HF-16
PAGE 1 OF 1

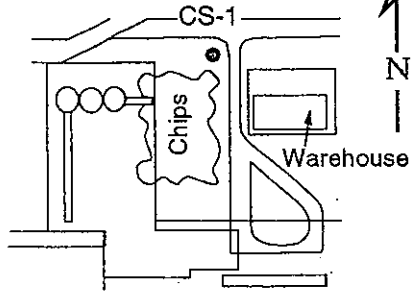
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-24-93
 LOCATION: Hog Fuel
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Concrete				1				FILL: 6" asphalt; 18" large angular cobbles and gravel.
	Wet	2	34	2			GM	GRAVEL: black; 10-15% fines; dense; hydrocarbon odor; minimal sample recovery.
	Wet	0	24	3			SM	SILTY SAND: dark greenish gray; trace 10% fines; very fine to fine sand; medium dense; no odor.
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

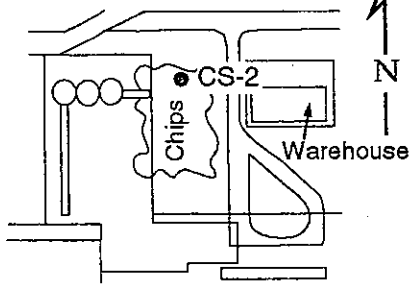
BORING NO. CS-1
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: Chip Yard
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1		[Hatched pattern]		FILL: 24" wood chips; 6" large angular cobbles and gravel.
	Wet	0	26	* 3		[Dotted pattern]	SM	SILTY SAND: very dark gray; trace to 10% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	16	* 5		[Dotted pattern]		@5.5: as above.
BENTONITE				6				BOTTOM OF BORING AT 5.5'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

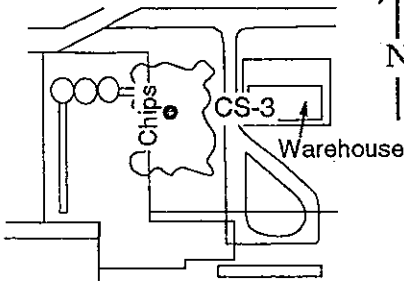
BORING NO. CS-2
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: Chip Yard
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips	▽			1		[Hatched pattern]		FILL: 24" wood chips; 6" large angular cobbles and gravel.
	Wet	0	7	* 3		[Dotted pattern]	SM	SILTY SAND: dark gray; 20-30% fines; very fine to fine sand; loose; no odor.
	Wet	0	7	* 5		[Dotted pattern]		@5.5: as above.
BENTONITE				6				BOTTOM OF BORING AT 5.5'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. CS-3
PAGE 1 OF 1

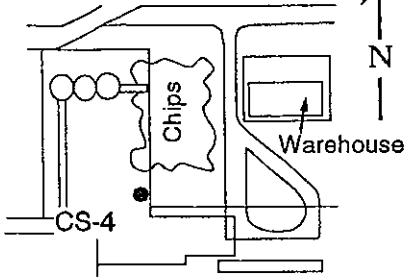
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: Chip Yard
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 24" wood chips; 6" large angular cobbles and gravel.
	Wet	0	29	3*			SP	SAND: olive gray; trace to 5% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	28	5*			SM	SILTY SAND: very dark gray; 15-25% fines; very fine to fine sand; medium dense; no odor.
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. CS-4
PAGE 1 OF 1

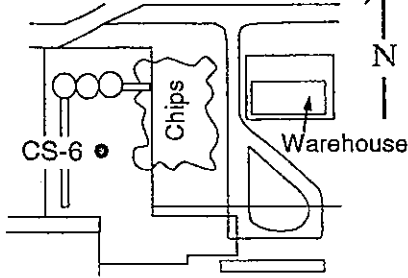
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: Chip Yard
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 24" wood chips; 6" large angular cobbles and gravel.
				2				
			28	3				No recovery.
	Wet	0	43	4			SM	SILTY SAND: olive brown; trace to 10% fines; very fine to fine sand; very dense; no odor.
				5	*			
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. CS-6
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

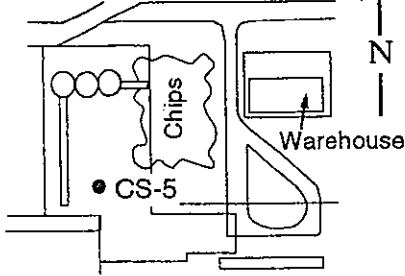
CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Chip Yard
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 30" wood chips; 6" large angular cobbles and gravel.
	Wet	0	11	* 3			SM	SILTY SAND: dark olive gray; 10-15% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	8	5				@6': loose; minimal sample recovery.
				6				BOTTOM OF BORING AT 6'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. CS-5

PAGE 1 OF 1

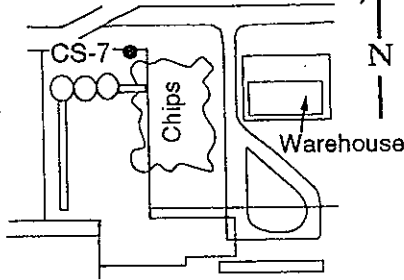
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: Chip Yard
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 26" wood chips; 10" large angular cobbles.
				2				
				3			SM	SILTY SAND: olive brown; trace to 10% fines; very fine to fine sand; very dense; no odor.
	Wet	0	29	* 4				
	Wet	0	14	* 5				@6': decreasing fine to medium sand.
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 6'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

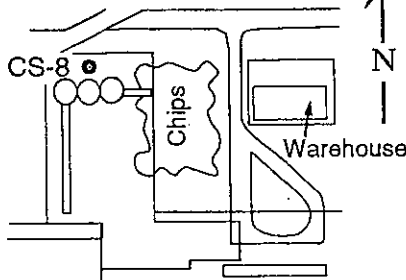
BORING NO. CS-7
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Chip Yard
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 36" wood chips; 6" large angular cobbles and gravel.
				2				
				3				SM SILTY SAND: black; 20-30% fines; very fine to fine sand; trace fine to medium sand; 10-15% medium to coarse sand; medium dense; no odor.
	Wet	0	21	4	*			
	Wet	0	13	5				@5.5': dark olive gray; trace to 10% fines; trace to 10% very fine to fine sand; medium sand; trace to 10% coarse sand; medium dense; no odor; minimal sample recovery.
				6				BOTTOM OF BORING AT 6.5'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

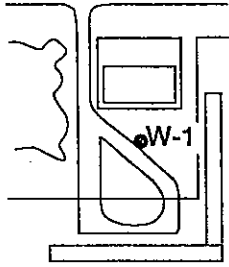
BORING NO. CS-8
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-23-93
 LOCATION: Chip Yard
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 36" wood chips; 6" large angular cobbles and gravel.
	Wet	0	13	4			SM	SILTY SAND: black; 20-30% fines; very fine to fine sand; trace fine to medium sand; 10-15% medium to coarse sand; medium dense; no odor.
	Wet	0	6	6	*			SILT: very dark gray; high plasticity; firm; no odor.
BENTONITE				7				BOTTOM OF BORING AT 6'
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. W-1
PAGE 1 OF 1

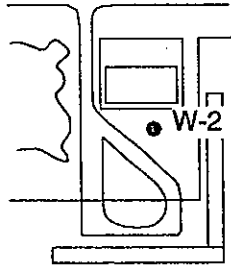
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: PCB Storage Warehouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 7'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 12" wood chips; 12" large angular gravel and cobbles.
	Mst	0	19	* 2			SM	SILTY SAND: dark olive brown; 5-10% fines; very fine to fine sand; medium dense; no odor.
	Mst	0	12	* 4				
	Wet	0	15	5				@5.5': dark olive gray.
				6				@7.0': very dark gray; increasing fines.
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 7'

LOCATION MAP



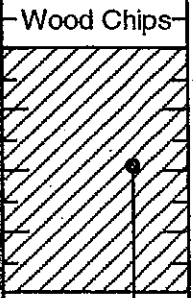
PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. W-2
PAGE 1 OF 1

PROJECT NO. 400-02.04
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 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

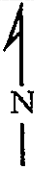
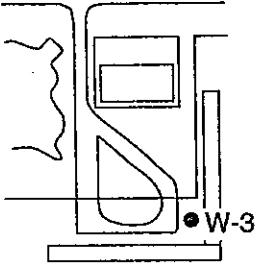
CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: PCB Storage Warehouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 12" wood chips; 12" large angular gravel and cobbles.
	Wet	0	11	* 2			SM	SILTY SAND: dark olive brown; 10 -15% fines; very fine to fine sand; medium dense; no odor. @5': as above.
	Wet	0	36	* 4				
				5				BOTTOM OF BORING AT 5'
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				



BENTONITE

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. W-3
PAGE 1 OF 1

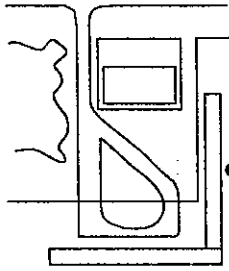
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LOGGED BY: LB
DRILLER: GEOBORING
DRILLING METHOD: HSA
SAMPLING METHOD: SS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: ITT RAYONIER
DATE DRILLED: 6-22-93
LOCATION: PCB Storage Warehouse
HOLE DIAMETER: 8"
HOLE DEPTH: 4.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 8" wood chips; 8" large angular gravel.
	Wet	0	28	* 2			SM	SILTY SAND: very dark gray; 5 -10% fines; very fine to fine sand; medium dense; no odor. @4.5: increasing fines; very loose; organics. BOTTOM OF BORING AT 4.5'
	Wet	0	4	* 3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
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				20				
				21				
				22				

BENTONITE

LOCATION MAP



W-4



PACIFIC ENVIRONMENTAL GROUP, INC.

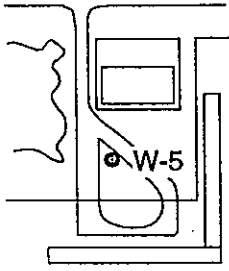
BORING NO. W-4
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: PCB Storage Warehouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips	Wet	0	8	1		[Hatched pattern]		FILL: 12" wood chips; 6" large angular gravel.
	Wet	0	13	2	*	[Dotted pattern]	SM	SILTY SAND: olive brown; 10-15% fines; very fine to fine sand; loose; no odor. @4.5: very dark gray. BOTTOM OF BORING AT 4.5'
				3	*	[Dotted pattern]		
BENTONITE				4		[Dotted pattern]		
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. W-5
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: PCB Storage Warehouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 12" wood chips; 6" large angular gravel.
	Wet	0	15	2				
	Wet	0	6	3	*		SM	SILTY SAND: very dark gray; 30-40% fines; very fine to fine sand (micaceous); medium dense; no odor.
				4	*			@5.5': decreasing fines; loose.
				5				
				6				BOTTOM OF BORING AT 5.5'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

Wood Chips



BENTONITE

LITHOLOGY / REMARKS

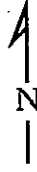
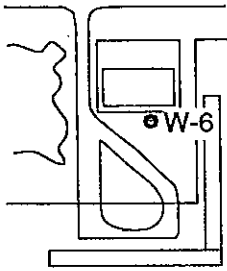
FILL: 12" wood chips; 6" large angular gravel.

SM SILTY SAND: very dark gray; 30-40% fines; very fine to fine sand (micaceous); medium dense; no odor.

@5.5': decreasing fines; loose.

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. W-6

PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

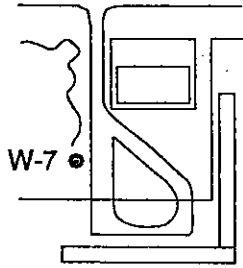
CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: PCB Storage Warehouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 12" wood chips; 6" large angular gravel.
	Mst	0	25	* 2			SM	SILTY SAND: dark grayish brown; 5-10% fines; very fine to fine sand; medium dense; no odor. @4.5: very dark gray. BOTTOM OF BORING AT 4.5'
	Wet	0	15	* 3				
				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. W-7
PAGE 1 OF 1

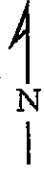
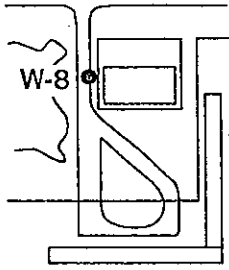
PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: PCB Storage Warehouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 6" wood chips; 4" asphalt; 6" large angular gravel.
	Wet	0	29	* 2			SM	SILTY SAND: dark grayish brown; 10-15% fines; very fine to fine sand; medium dense; no odor.
	Wet	0	6	* 3				@4.5: dark gray; loose.
				4				
				5				
				6				BOTTOM OF BORING AT 4.5'
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. W-8

PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: GEOBORING
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

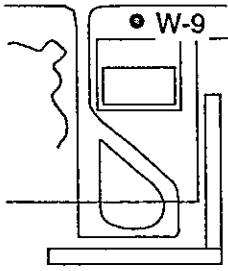
CLIENT: ITT RAYONIER
 DATE DRILLED: 6-22-93
 LOCATION: PCB Storage Warehouse
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Original Fill Material				1				FILL: 12" gravel; 18" large angular cobbles and gravel.
	Wet	0	32	* 3			SM	SILTY SAND: dark gray; 10-15% fines; very fine to fine sand; dense; no odor.
	Wet	0	32	* 4				@ 5.5': 30-40% coarse sand.
				5				BOTTOM OF BORING AT 5.5'
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. W-9
PAGE 1 OF 1

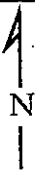
PROJECT NO. 400-02.04
LOGGED BY: LB
DRILLER: GEOBORING
DRILLING METHOD: HSA
SAMPLING METHOD: SS
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: ITT RAYONIER
DATE DRILLED: 6-23-93
LOCATION: PCB Storage Warehouse
HOLE DIAMETER: 8"
HOLE DEPTH: 4.5'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
Wood Chips				1				FILL: 6" asphalt; 12" large angular cobbles and gravel.
	Wet	0	20	2			SM	SILTY SAND: very dark grayish brown; trace 10% fines; medium dense; no odor.
			14	3				@4.5: no recovery.
BENTONITE				4				
				5				
				6				
				7				
				8				
				9				
				10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 4.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

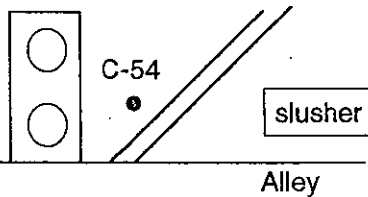
BORING NO. C-53
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-18-93
 LOCATION: Gas & Maintenance
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dr	1	27	* 2			ML	SILT: dark gray; low plasticity; very stiff; no odor.
	Wet	0	37	* 4			SM	SILTY SAND: black; 20-30% fines; fine sand; roots; dense; odor.
BOTTOM OF BORING AT 5.5'								

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

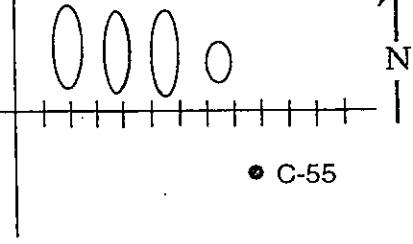
BORING NO. C-54
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Gas & Maintenance
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE CONCRETE</p>	Dp		42	* 2			SM	SILTY SAND: very dark gray; 20% fines; fine to coarse sand; 30% gravel; dense; odor.
	Wet		17	* 4			ML	SILT: very dark gray; low plasticity; 20-30% fine sand; medium dense; odor.
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				
								BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-55
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Gas & Maintenance
 HOLE DIAMETER: 8"
 HOLE DEPTH: 2.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

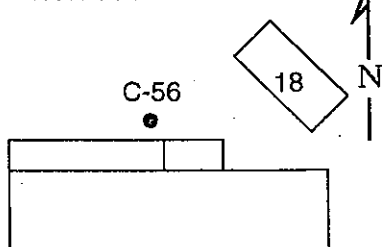
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet Wet		33	* * 2		○○○○○ ○○○○○	GM	SILTY GRAVEL: very dark gray; 10% fines; 20-30% fine to coarse sand; (grab sample); water entering hole at .5 feet; no odor. @2.5': as above; dense; no odor.
				4				
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 2.5'

BENTONITE

CONCRETE

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. C-56
PAGE 1 OF 1

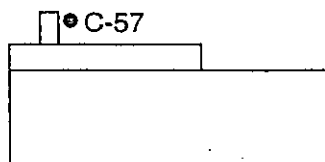
PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-17-93
 LOCATION: Gas & Maintenance
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dr	0	>50	* 2			ML	SILT: dark gray; low plasticity; hard; no odor.
	Wet	2.7	>50	* 4			GM	SILTY GRAVEL: 5-10% fines; 30% fine to coarse sand; sheen; very dense; odor.
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 5.5'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

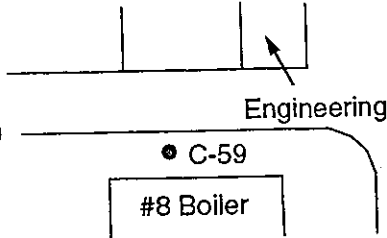
BORING NO. C-57
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-18-93
 LOCATION: Gas & Maintenance
 HOLE DIAMETER: 8"
 HOLE DEPTH: 5.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
<p>BENTONITE CONCRETE</p>	Dp	1	46	* 2			SM	SILTY SAND: very dark gray; 10-20% fines; fine sand; trace coarse sand; dense; odor. @ 5.5': 30% fines; fine to coarse sand; medium dense; odor. BOTTOM OF BORING AT 5.5'
	Wet	0	13	* 4				
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

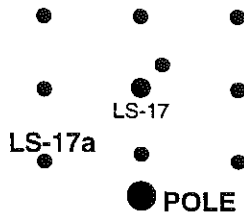
BORING NO. C-59
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: MM
 DRILLER: CASCADE
 DRILLING METHOD: HSA
 SAMPLING METHOD: SPLIT SPOON
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT
 DATE DRILLED: 6-18-93
 LOCATION: Gas & Maintenance
 HOLE DIAMETER: 8"
 HOLE DEPTH: 4'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Dp	0	30	*	2		SM	SILTY SAND: dark brown; 20% fines; fine to coarse sand; 30% gravel; dense; no odor. @4': as above; medium dense. BOTTOM OF BORING AT 4'
	Wet	0	11	*	4			
				6				
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. LS-17a
PAGE 1 OF 1

PROJECT NO. 400-002.1L
 LOGGED BY: BA
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

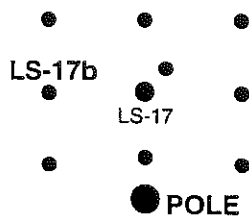
CLIENT: RAYONIER
 DATE DRILLED: 9-8-1994
 LOCATION: Hoquiam, WA (log storage area)
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10.0'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

Chehalis River

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				WOOD COVER
				2				
				3				
				4				
				5				
				6				
				7				
				8				
				9				
			11	10			SM	SILTY SAND: black; 20-25% fines; fine to medium sand; 15-20% wood material; medium dense.
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 10.0'

LOCATION MAP



Chehalis River

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO.: LS-17b

PAGE 1 OF 1

PROJECT NO. 400-002.1L
 LOGGED BY: BA
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

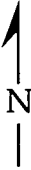
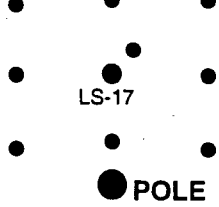
CLIENT: RAYONIER
 DATE DRILLED: 9-8-1994
 LOCATION: Hoquiam, WA (log storage area)
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10.0'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				WOOD COVER
				2				
				3				
				4				
				5				
				6				
				7				
				8				
				9				
			9	10			SM	SILTY SAND: olive brown; 20-25% fines; fine to medium sand; 15-20% wood material; loose.
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 10.0'

LOCATION MAP

LS-17c



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO.: LS-17c

PAGE 1 OF 1

PROJECT NO. 400-002.1L
 LOGGED BY: BA
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: RAYONIER
 DATE DRILLED: 9-8-1994
 LOCATION: Hoquiam, WA (log storage area)
 HOLE DIAMETER: 8"
 HOLE DEPTH: 9.5'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

Chehalis River

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				WOOD COVER
				2				
				3				
				4				
				5				
				6				
				7				
				8				
				9				
			7	10				
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE



Wt

7

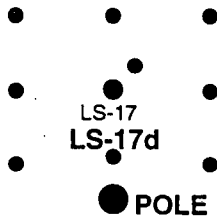
SM

SILTY SAND: black; 20-25% fines; fine to medium sand; 20-25% wood material; loose.

@ 9.5' - refusal.

BOTTOM OF BORING AT 9.5'

LOCATION MAP



Chehalis River

PACIFIC ENVIRONMENTAL GROUP, INC.

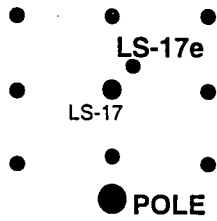
BORING NO. : LS-17d
PAGE 1 OF 1

PROJECT NO. 400-002.1L
 LOGGED BY: BA
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: RAYONIER
 DATE DRILLED: 9-8-1994
 LOCATION: Hoquiam, WA (log storage area)
 HOLE DIAMETER: 8"
 HOLE DEPTH: 11.0'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				WOOD COVER
				2				
				3				
				4				
				5				
				6			SM	
				7				
				8				@ 8.0' - wood, brick; no soil recovery.
				9				
				10				SILTY SAND: black; 10-15% fines; fine to coarse sand; 25-35% wood material; loose.
			5	11				BOTTOM OF BORING AT 11.0'
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO.: LS-17e

PAGE 1 OF 1

PROJECT NO. 400-002.1L
 LOGGED BY: BA
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

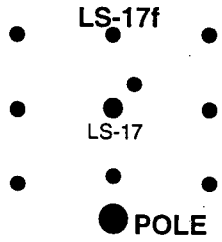
CLIENT: RAYONIER
 DATE DRILLED: 9-8-1994
 LOCATION: Hoquiam, WA (log storage area)
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10.0'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

Chehalis River

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1			Pt	WOOD COVER
				2				
				3				
				4				
				5				
				6				
				7				
				8				@ 8.0' - WOOD; black; 10-20% silty sand; medium to coarse sand; trace gravel.
				9				@ 9.0' - WOOD, CRYSTALLINE ROCK.
				10				BOTTOM OF BORING AT 10.0'
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

NOTE: Soil samples collected from auger after straight pulling from boring.

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO.: LS-17f
PAGE 1 OF 1

PROJECT NO. 400-002.1L
 LOGGED BY: BA
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

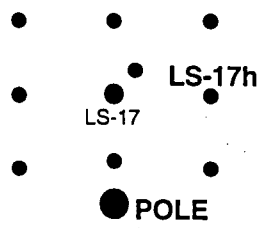
CLIENT: RAYONIER
 DATE DRILLED: 9-8-1994
 LOCATION: Hoquiam, WA (log storage area)
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10.0'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

Chehalis River

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				WOOD COVER
				2				
				3				
				4				
				5				
				6				
				7				
				8				
			>50	9				
			>50	10			SM	SILTY SAND: black; 15-20% fines; fine to medium sand; 40-60% wood; very dense.
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BOTTOM OF BORING AT 10.0'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. : LS-17h
PAGE 1 OF 1

PROJECT NO. 400-002.1L
 LOGGED BY: BA
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: RAYONIER
 DATE DRILLED: 9-8-1994
 LOCATION: Hoquiam, WA (log storage area)
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10.0'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

Chehalis River

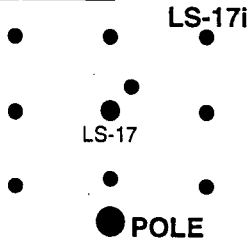
WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1			PT	WOOD COVER @ 8.0' - WOOD: black. SILTY SAND: 15-20% fines; fine to medium sand; 30-35% wood; loose. BOTTOM OF BORING AT 10.0'
				2				
				3				
				4				
				5				
				6				
				7				
			7	8				
				9				
			7	10			SM	
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

BENTONITE



Wt

LOCATION MAP



Chehalis River

PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO.: LS-17i
PAGE 1 OF 1

PROJECT NO. 400-002.1L
 LOGGED BY: BA
 DRILLER: Geoboring
 DRILLING METHOD: HSA
 SAMPLING METHOD: SS
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: RAYONIER
 DATE DRILLED: 9-8-1994
 LOCATION: Hoquiam, WA (log storage area)
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10.0'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	FID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
				1				WOOD COVER
				2				
				3				
				4				
				5				
				6				
				7				
				8				
			8	8			SM	
			8	9				
				10				BOTTOM OF BORING AT 10.0'
				11				
				12				
				13				
				14				
				15				
				16				
				17				
				18				
				19				
				20				
				21				
				22				

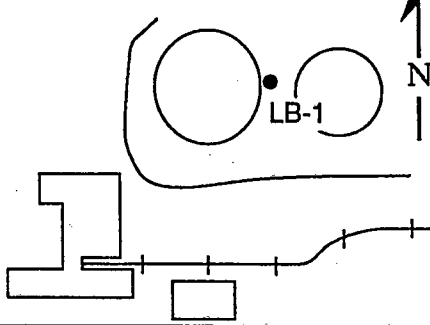
BENTONITE



Wt

SM SILTY SAND: 20-25% fines; fine to medium sand; 20-25% wood; loose.

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

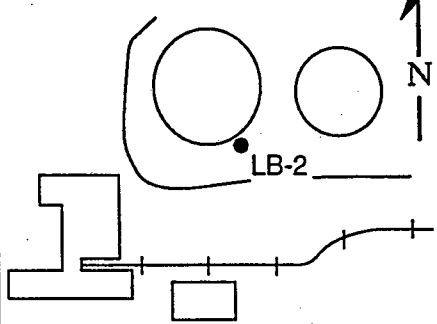
BORING NO. LB-1
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-15-93
 LOCATION: Hoquiam-Landfill Base Area
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS	
	Mst	0		0*			OL	Surface Cover	
	Wet	0		2*				SILT: dark olive gray; low plasticity; trace very fine to fine sand; organics; no odor.	
	Wet	0		4*				@5': increasing organics (20-30%).	
	Wet	0		6*				@10': decreasing organics; increasing very fine to fine sand.	
				8*					
				10*					BOTTOM OF BORING AT 10'
				12					
				14					
				16					
				18					
				20					
				22					
				24					
			26						
			28						
			30						
			32						
			34						
			36						
			38						
			40						
			42						
			44						

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

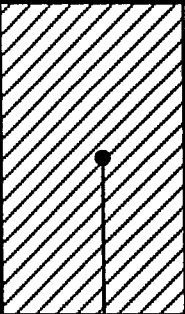
BORING NO. LB-2
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-15-93
 LOCATION: Hoquiam-Landfill Base Area
 HOLE DIAMETER: 8"
 HOLE DEPTH: 10'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

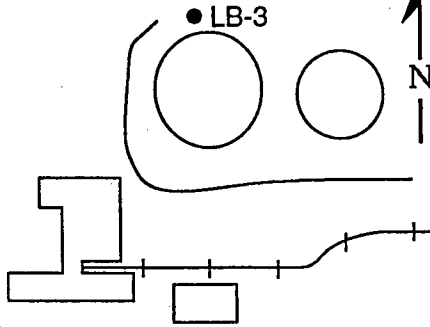
WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst	0		2*			ML	Surface Cover
	Mst	0		4				SILT: black; high plasticity; 10-20% very fine to coarse sand; organics; odor.
	Mst	0		6*				@5': as above.
	Wet	0		8				
				10*				@10': as above.
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 10'



BENTONITE

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

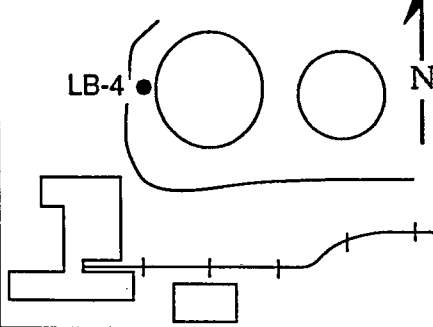
BORING NO. LB-3
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-15-93
 LOCATION: Hoquiam-Landfill Base Area
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Mst Mst Wet	4 0 0		0* 2 4* 6*			ML	Surface Cover SILT: dark yellowish brown; low plasticity; abundant organics; odor. @3.5': very dark gray; high plasticity; decreasing organics; no odor. @6': as above.
BENTONITE				8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44				BOTTOM OF BORING AT 6'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. LB-4
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

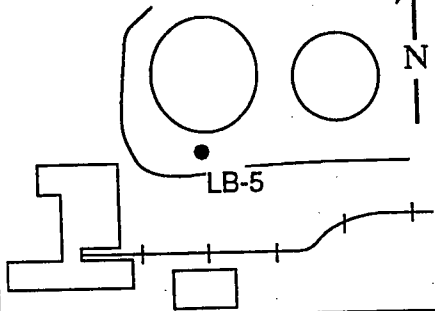
CLIENT: ITT RAYONIER
 DATE DRILLED: 10-18-93
 LOCATION: Hoquiam - Landfill Base Area
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet	0		0*				Surface Cover
	Wet	0		2			SM	SILTY SAND: dark olive gray; 30-40% fines; very fine to fine sand (micaceous); no odor. @3.5': 20-30% organics. @6': no organics.
	Wet	0		4*				
	Wet	0		6*				
				8				BOTTOM OF BORING AT 6'
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BENTONITE



LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

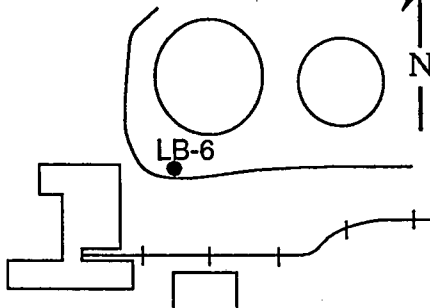
BORING NO. LB-5
PAGE 1 OF 1

PROJECT NO. 400-02.04
LOGGED BY: LB
DRILLER: BAYLAND
DRILLING METHOD: HSA
SAMPLING METHOD: Core Barrel & Split Spoon
CASING TYPE: NA
SLOT SIZE: NA
GRAVEL PACK: NA

CLIENT: ITT RAYONIER
DATE DRILLED: 10-18-93
LOCATION: Hoquiam-Landfill Base Area
HOLE DIAMETER: 8"
HOLE DEPTH: 6'
WELL DIAMETER: NA
WELL DEPTH: NA
CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
	Wet	0		0	*	.....	SM	Surface Cover SILTY SAND, GRAVELLY: dark olive gray; 20-30% fines; coarse sand; 20-30% gravel; no odor. @2.5': visible sulfur; visible black oily substance; asphalt fragments; odor. SILT: dark olive gray; moderate plasticity; 10-20% very fine to fine sand; organics; no odor. BOTTOM OF BORING AT 6'
	Wet	0		2	*	.....	
	Wet	0		4	*	.....	ML	
	Wet	0		6	*	.....	
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. LB-6
PAGE 1 OF 1

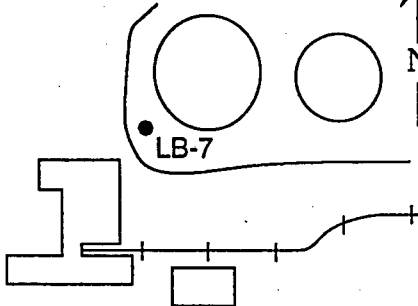
PROJECT NO. 400-02.04
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 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

CLIENT: ITT RAYONIER
 DATE DRILLED: 10-18-93
 LOCATION: Hoquiam-Landfill Base Area
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
 BENTONITE	Wet	2		*				GM	Surface Cover
	Wet	2		2				GM	SILTY GRAVEL: black; 20-30% fines; 10-20% medium sand; gravel; black oily substance; odor.
	Wet	0		4*				ML	@4': as above.
				6*					SILT: dark olive gray; low plasticity; 10-20% very fine to fine sand; organics; no odor.
				8					NOTE: black oily substance dissipates just below the silt contact.
				10					
				12					
				14					
				16					
				18					
				20					
				22					
				24					
				26					
				28					
				30					
				32					
				34					
				36					
				38					
				40					
				42					
				44					

BOTTOM OF BORING AT 6'

LOCATION MAP



PACIFIC ENVIRONMENTAL GROUP, INC.

BORING NO. LB-7
PAGE 1 OF 1

PROJECT NO. 400-02.04
 LOGGED BY: LB
 DRILLER: BAYLAND
 DRILLING METHOD: HSA
 SAMPLING METHOD: Core Barrel & Split Spoon
 CASING TYPE: NA
 SLOT SIZE: NA
 GRAVEL PACK: NA

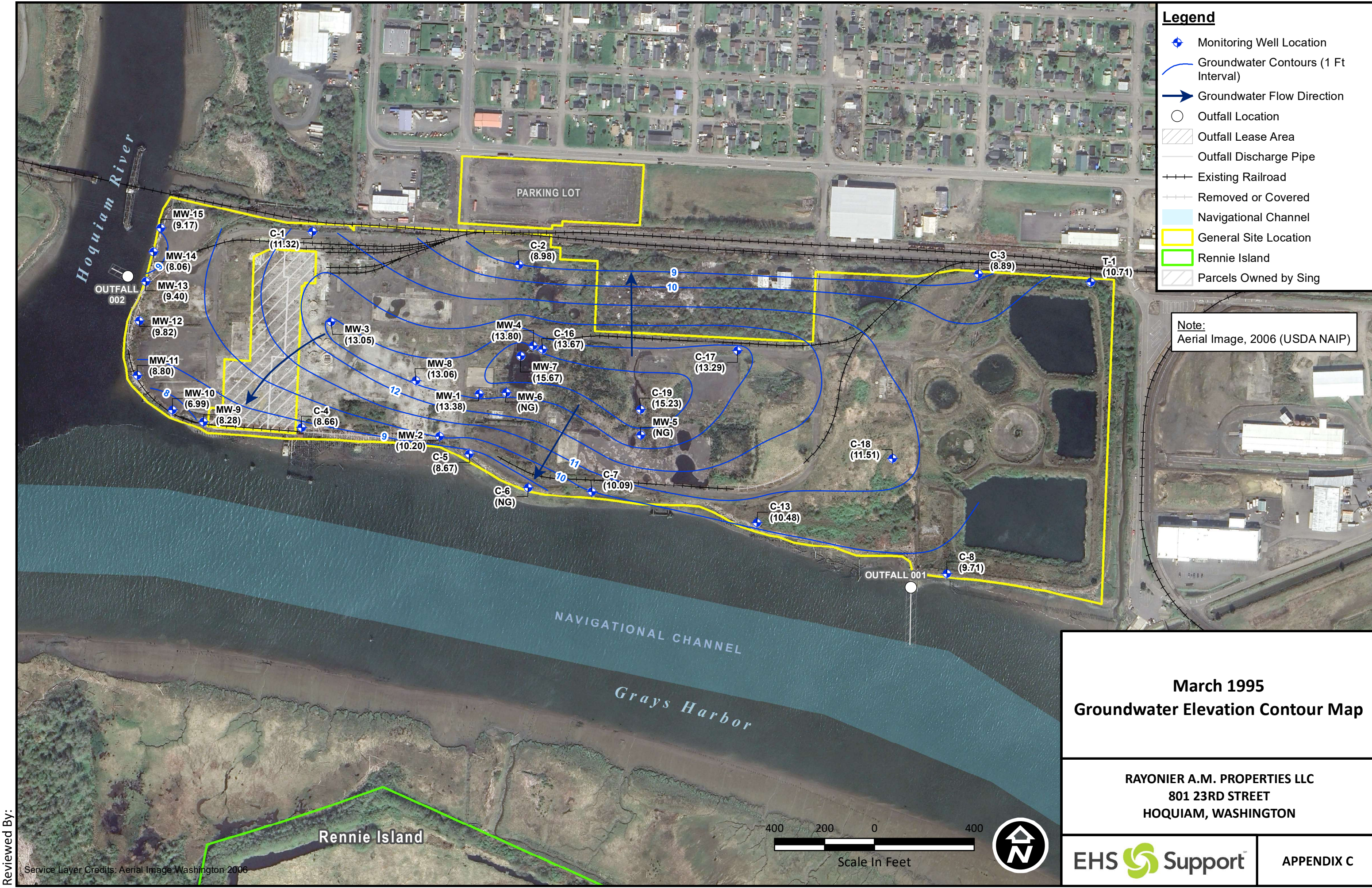
CLIENT: ITT RAYONIER
 DATE DRILLED: 10-15-93
 LOCATION: Hoquiam-Landfill Base Area
 HOLE DIAMETER: 8"
 HOLE DEPTH: 6'
 WELL DIAMETER: NA
 WELL DEPTH: NA
 CASING STICKUP: NA

WELL COMPLETION	MOISTURE CONTENT	PID	PENETRATION (BLOWS/FT)	DEPTH (FEET)	RECOVERY SAMPLE INTERVAL	GRAPHIC	SOIL TYPE	LITHOLOGY / REMARKS
 BENTONITE	Wet	1		0*			SM	Surface Cover
	Wet	0		2				SILTY SAND: very dark gray; 20-30% fines; 10-20% very fine to medium sand; coarse sand; 10-20% gravel; organics; black oily substance; odor.
	Wet	0		4*				@4': increasing fines.
				6*				@6': dark olive gray; 30-40% fines; very fine to fine sand; organics; no odor.
				8				
				10				
				12				
				14				
				16				
				18				
				20				
				22				
				24				
				26				
				28				
				30				
				32				
				34				
				36				
				38				
				40				
				42				
				44				

BOTTOM OF BORING AT 6'



Appendix C 1995 Groundwater Elevation Contours



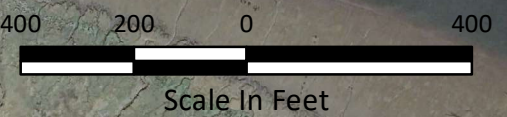
- Legend**
- Monitoring Well Location
 - Groundwater Contours (1 Ft Interval)
 - Groundwater Flow Direction
 - Outfall Location
 - Outfall Lease Area
 - Outfall Discharge Pipe
 - Existing Railroad
 - Removed or Covered
 - Navigational Channel
 - General Site Location
 - Rennie Island
 - Parcels Owned by Sing

Note:
Aerial Image, 2006 (USDA NAIP)

**March 1995
Groundwater Elevation Contour Map**

**RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON**

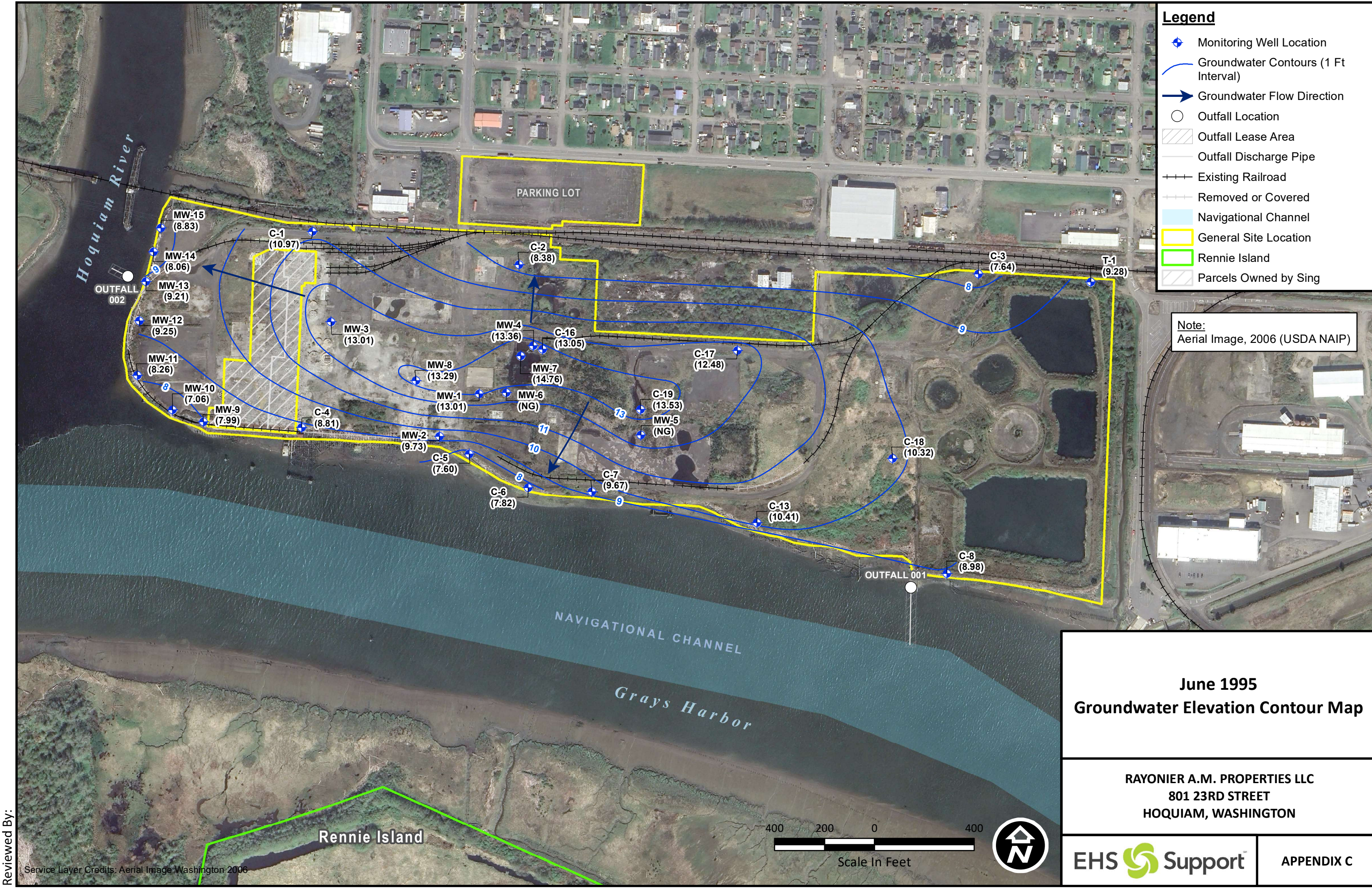
EHS Support **APPENDIX C**



Reviewed By:

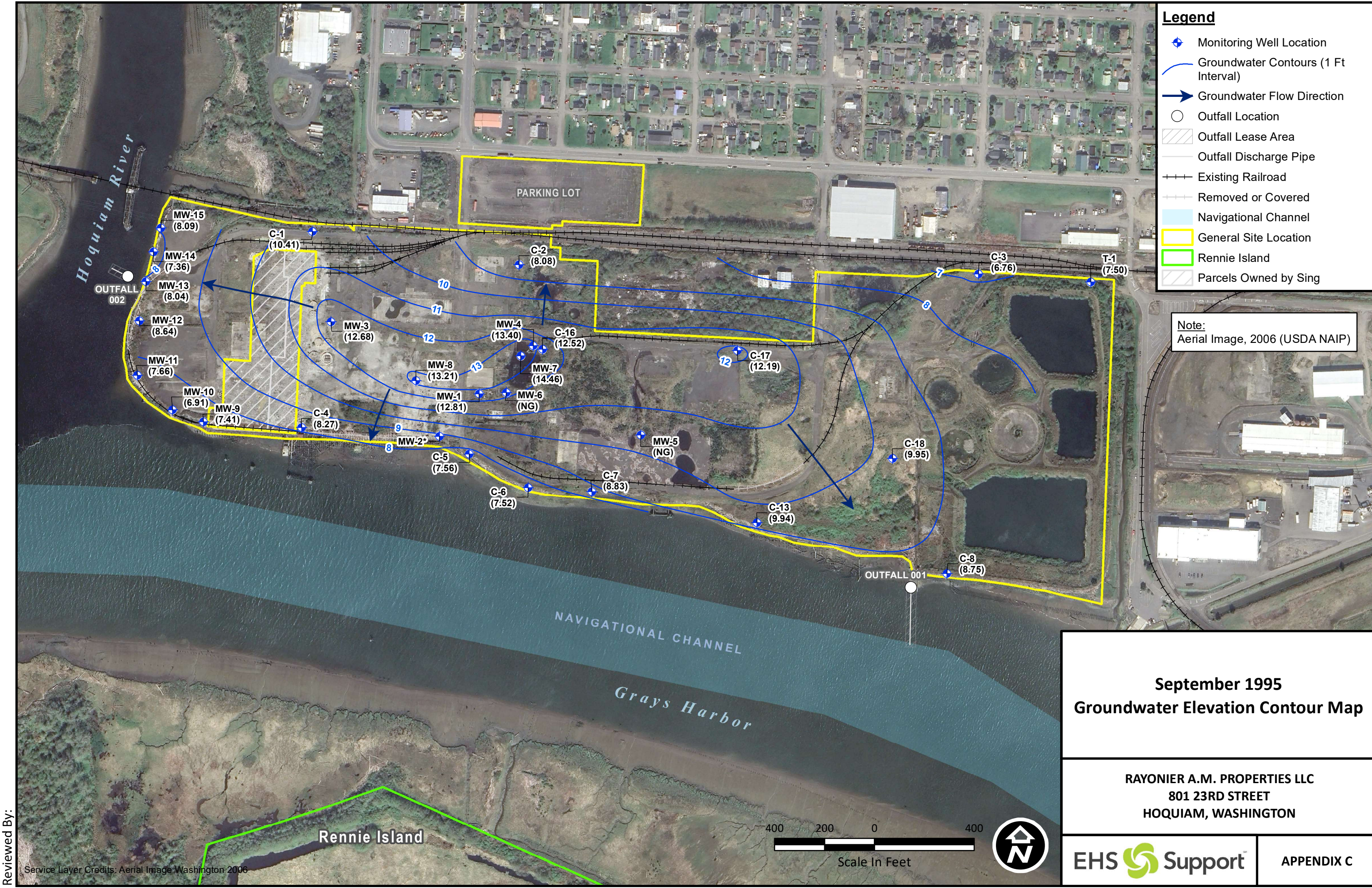
Service Layer Credits: Aerial Image Washington 2006

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Reviewed By:

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- Legend**
- Monitoring Well Location
 - Groundwater Contours (1 Ft Interval)
 - Groundwater Flow Direction
 - Outfall Location
 - Outfall Lease Area
 - Outfall Discharge Pipe
 - Existing Railroad
 - Removed or Covered
 - Navigational Channel
 - General Site Location
 - Rennie Island
 - Parcels Owned by Sing

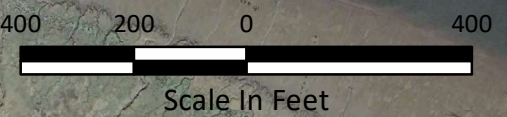
Note:
Aerial Image, 2006 (USDA NAIP)

**September 1995
Groundwater Elevation Contour Map**

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

EHS Support

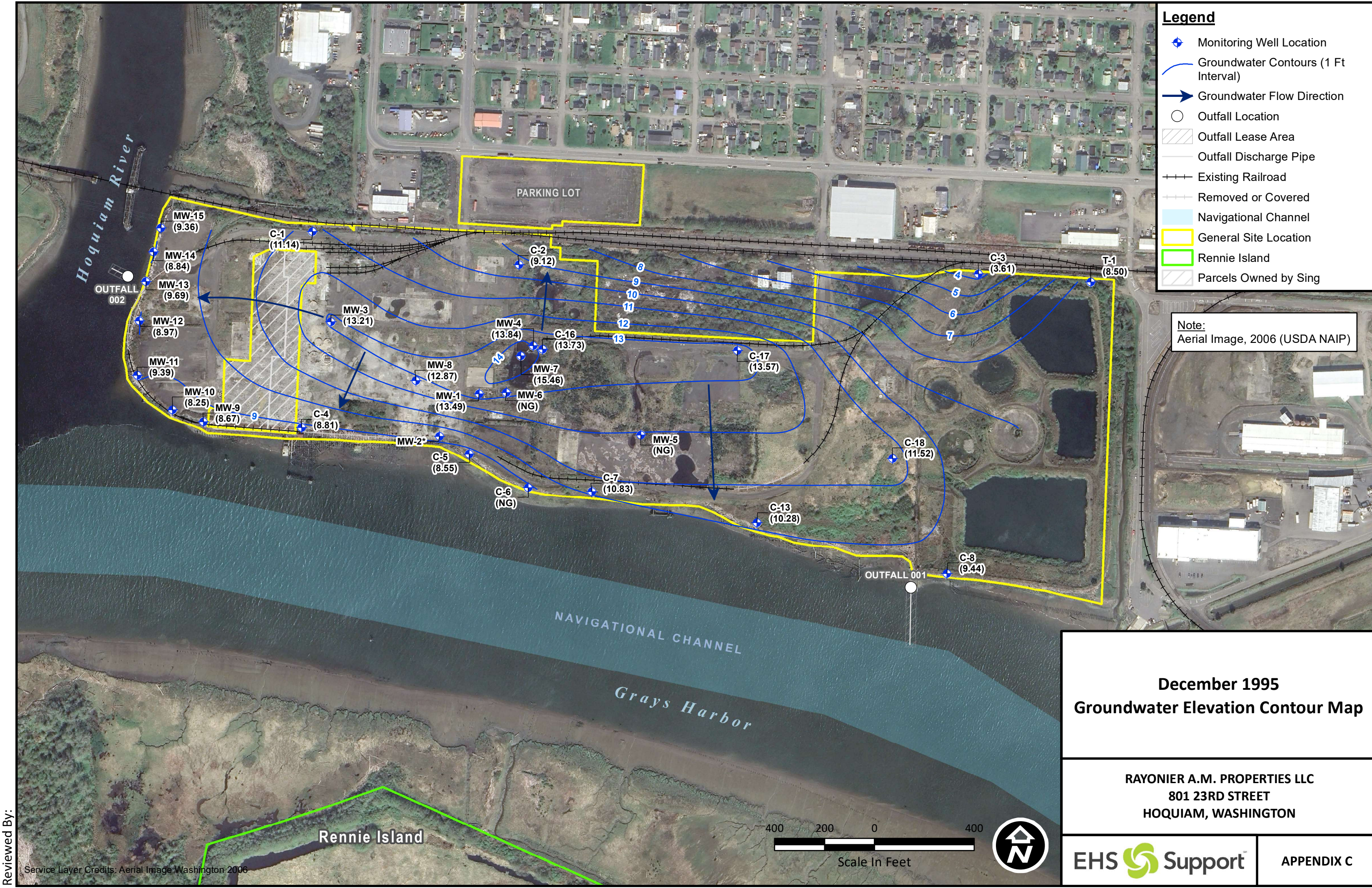
APPENDIX C



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- Legend**
- Monitoring Well Location
 - Groundwater Contours (1 Ft Interval)
 - Groundwater Flow Direction
 - Outfall Location
 - Outfall Lease Area
 - Outfall Discharge Pipe
 - Existing Railroad
 - Removed or Covered
 - Navigational Channel
 - General Site Location
 - Rennie Island
 - Parcels Owned by Sing

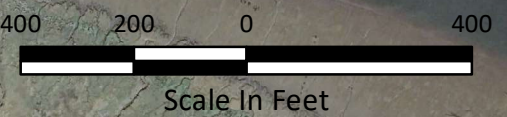
Note:
Aerial Image, 2006 (USDA NAIP)

**December 1995
Groundwater Elevation Contour Map**

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

EHS Support

APPENDIX C



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Appendix D Past Soil Data

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Chemical					Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
Cas No.					7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	Metals_PP	ARC-C12C24FO	TPH
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Paper Mill (Paper Machine Area)																		
E1	08/07/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E2	08/07/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E4	08/15/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N1	08/08/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P7	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	130
P8	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P8	06/21/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P9	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	270
P9	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	330
P10	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	220
P10	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	170
P11	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	45000
P12	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P12	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P13	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	2300
P13	06/21/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	2100
P14	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	44000
P14	06/21/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	45000
P15	06/21/1993	N	SO	1-1FT	--	< 0.37 U	--	38	61	--	24	< 0.025 U	24	1.7	43	< 1 U	--	--
P15	06/21/1993	N	SO	2-2FT	--	< 0.37 U	--	210	40	--	--	< 0.025 U	16	1.6	36	< 1 U	--	--
P15	06/21/1993	N	SO	2-2FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	--
P16	06/21/1993	N	SO	0.5-0.5FT	--	< 0.37 U	--	19	42	--	8.2	0.042	13	1.7	49	< 1 U	--	--
P16	06/21/1993	N	SO	1.5-1.5FT	--	< 0.37 U	--	39	57	--	21	1.1	15	1.8	54	< 1 U	--	--
P18	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P18	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P18	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P19	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	760
P20	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P21	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	1700
P22	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	29000
P22	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	63000

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

					Chemical Cas No. Unit	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	PCB-1016 (Aroclor 1016) 12674-11-2 mg/kg	PCB-1221 (Aroclor 1221) 11104-28-2 mg/kg	PCB-1232 (Aroclor 1232) 11141-16-5 mg/kg	PCB-1242 (Aroclor 1242) 53469-21-9 mg/kg	PCB-1248 (Aroclor 1248) 12672-29-6 mg/kg	PCB-1254 (Aroclor 1254) 11097-69-1 mg/kg	PCB-1260 (Aroclor 1260) 11096-82-5 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Paper Mill (Paper Machine Area)																
E1	08/07/1995	N	SO	1-1FT	--	--	--	< 100 U	--	--	--	--	--	--	--	--
E2	08/07/1995	N	SO	1-1FT	--	--	--	110	--	--	--	--	--	--	--	--
E3	08/07/1995	N	SO	1.5-1.5FT	670	--	--	540	--	--	--	--	--	--	--	--
E4	08/15/1995	N	SO	2.5-2.5FT	140	--	--	--	--	--	--	--	--	--	--	--
N1	08/08/1995	N	SO	7.7-7.7FT	--	--	--	< 100 U	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
P6	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P7	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P8	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P8	06/21/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P9	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P9	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P10	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P10	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P11	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P12	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P12	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P13	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P13	06/21/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
P14	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P14	06/21/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P15	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P15	06/21/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
P15	06/21/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
P16	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P16	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P18	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P18	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P18	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P19	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P20	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P21	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P22	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P22	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

					Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg	Benzo[k]fluoranthene 207-08-9 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Paper Mill (Paper Machine Area)																	
E1	08/07/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
E2	08/07/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
E4	08/15/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
N1	08/08/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P5	06/21/1993	N	SO	4-4FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P6	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P7	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P8	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P8	06/21/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P9	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P9	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P10	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P10	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P11	06/21/1993	N	SO	1-1FT	52	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P12	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P12	06/21/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P13	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P13	06/21/1993	N	SO	2-2FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P14	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P14	06/21/1993	N	SO	3.5-3.5FT	< 0.17 U	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P15	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P15	06/21/1993	N	SO	2-2FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P15	06/21/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
P16	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P16	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P18	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P18	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P18	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
P19	06/21/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P20	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P21	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P22	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	1.8	< 0.1 U	< 0.1 U
P22	06/21/1993	N	SO	1.5-1.5FT	8.1	--	--	--	--	--	--	1.5	3.8	3.6	4.4	2.5	2.6

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Paper Mill (Paper Machine Area)																		
E1	08/07/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E2	08/07/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E4	08/15/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N1	08/08/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	1-1FT	1.2	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P5	06/21/1993	N	SO	4-4FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	--	< 0.1 U
P6	06/21/1993	N	SO	1-1FT	1.9	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P7	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	--	< 0.1 U
P8	06/21/1993	N	SO	1-1FT	0.52	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P8	06/21/1993	N	SO	3.5-3.5FT	0.89	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P9	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P9	06/21/1993	N	SO	2.5-2.5FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P10	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P10	06/21/1993	N	SO	2.5-2.5FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P11	06/21/1993	N	SO	1-1FT	1.3	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P12	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P12	06/21/1993	N	SO	2.5-2.5FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P13	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P13	06/21/1993	N	SO	2-2FT	1.4	< 0.1 U	--	0.11	--	< 0.1 U	--	< 0.1 U	< 10 U	0.11	--	--	< 0.1 U	< 0.1 U
P14	06/21/1993	N	SO	1-1FT	1.4	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P14	06/21/1993	N	SO	3.5-3.5FT	6.6	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P15	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P15	06/21/1993	N	SO	2-2FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P15	06/21/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P16	06/21/1993	N	SO	0.5-0.5FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P16	06/21/1993	N	SO	1.5-1.5FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	0.26	--	--	< 0.1 U	< 0.1 U
P18	06/21/1993	N	SO	0.5-0.5FT	1.1	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	--	< 0.1 U
P18	06/21/1993	N	SO	1.5-1.5FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P18	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	--
P19	06/21/1993	N	SO	1.5-1.5FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P20	06/21/1993	N	SO	1-1FT	1.5	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P21	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P22	06/21/1993	N	SO	0.5-0.5FT	< 0.5 U	< 0.1 U	--	1.2	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P22	06/21/1993	N	SO	1.5-1.5FT	< 0.5 U	3.8	--	5.1	--	2.7	--	2.2	< 10 U	--	--	--	< 0.1 U	< 0.1 U

Appendix D
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
					Cas No. Unit	7429-90-5 mg/kg	7440-43-9 mg/kg	18540-29-9 mg/kg	7440-47-3 mg/kg	7440-50-8 mg/kg	7439-89-6 mg/kg	7439-92-1 mg/kg	7439-97-6 mg/kg	7440-02-0 mg/kg	7440-22-4 mg/kg	7440-66-6 mg/kg	Metals_PP mg/kg	ARC-C12C24FO mg/kg	TPH mg/kg
P-22	08/03/1995	N	SO	7.6-7.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P23	06/21/1993	N	SO	0.5-0.5FT	--	0.37	--	20	80	--	34	0.44	20	< 1 U	160	< 1 U	--	4400	
P-23B	09/12/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P24	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	49000
P-24	08/03/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-24	10/04/1995	N	SO	8.8-8.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P25	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	43000
P25	07/30/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28000
P-25	10/04/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-25	10/18/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	N	SO	0-1FT	--	< 0.37 U	--	11	37	--	55	0.12	12	7	54	< 1 U	--	--	
P26	06/21/1993	N	SO	0.5-0.5FT	--	< 0.37 U	--	21	55	--	30	0.1	17	1.9	65	< 1 U	--	--	
P-27	09/12/1995	N	SO	7.1-7.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-28	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	600
P-29	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	370
P-29	08/03/1995	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-34	08/03/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-35	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	280
P-37	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	580
P-38	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	110
P-39	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U
P-41	09/28/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-46	09/13/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-46	10/04/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-47	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-48	07/30/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8700
P-50	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1200
P-59	09/12/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-61	07/27/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-63	10/11/1995	N	SO	9.6-9.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	09/13/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	09/28/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	10/11/1995	N	SO	9.4-9.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-66	09/08/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-67	06/08/1995	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-67	09/08/1995	N	SO	8.1-8.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
 Past Soil Data
 Data Summary Report
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
P-22	08/03/1995	N	SO	7.6-7.6FT	--	--	--	--	--	--	--	--	--	--	--	--
P23	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-23B	09/12/1995	N	SO	7.3-7.3FT	590	--	--	--	--	--	--	--	--	--	--	--
P24	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P-24	08/03/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--
P-24	10/04/1995	N	SO	8.8-8.8FT	--	67000	--	--	--	--	--	--	--	--	--	--
P25	06/21/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P25	07/30/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-25	10/04/1995	N	SO	8-8FT	--	1900	--	--	--	--	--	--	--	--	--	--
P-25	10/18/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-27	09/12/1995	N	SO	7.1-7.1FT	120	--	--	--	--	--	--	--	--	--	--	--
P-28	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-29	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-29	08/03/1995	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-34	08/03/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--
P-35	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-37	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-38	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-39	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	N	SO	7.8-7.8FT	380	--	--	--	--	--	--	--	--	--	--	--
P-46	09/13/1995	N	SO	7.5-7.5FT	--	27000	--	--	--	--	--	--	--	--	--	--
P-46	10/04/1995	N	SO	8.9-8.9FT	230	--	--	--	--	--	--	--	--	--	--	--
P-47	07/30/1993	N	SO	0.5-0.5FT	--	--	--	140000	--	--	--	--	--	--	--	--
P-48	07/30/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
P-50	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	N	SO	7.9-7.9FT	990	--	--	--	--	--	--	--	--	--	--	--
P-61	07/27/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--
P-63	10/11/1995	N	SO	9.6-9.6FT	--	130	--	--	--	--	--	--	--	--	--	--
P-65	09/13/1995	N	SO	7.7-7.7FT	--	20000	--	--	--	--	--	--	--	--	--	--
P-65	09/28/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--
P-65	10/11/1995	N	SO	9.4-9.4FT	1600	--	--	--	--	--	--	--	--	--	--	--
P-66	09/08/1995	N	SO	8-8FT	920	--	--	--	--	--	--	--	--	--	--	--
P-67	06/08/1995	N	SO		260	--	--	--	--	--	--	--	--	--	--	--
P-67	09/08/1995	N	SO	8.1-8.1FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
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Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthra	Benzo[a]pyrene	Benzo[b]fluora	Benzo[g,h,i]per	Benzo[k]fluoran	
					Cas No.	Biphenyl (PCBs)	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	cene	50-32-8	nthene	ylene	thene	
					Unit	1336-36-3	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
P-22	08/03/1995	N	SO	7.6-7.6FT	14.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P23	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P-23B	09/12/1995	N	SO	7.3-7.3FT	0.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P24	06/21/1993	N	SO	1-1FT	17.1	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P-24	08/03/1995	N	SO	7.7-7.7FT	0.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-24	10/04/1995	N	SO	8.8-8.8FT	3.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P25	06/21/1993	N	SO	1-1FT	496	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P25	07/30/1993	N	SO	3.5-3.5FT	418.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-25	10/04/1995	N	SO	8-8FT	0.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-25	10/18/1995	N	SO	8-8FT	8.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	N	SO	0-1FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P26	06/21/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P-27	09/12/1995	N	SO	7.1-7.1FT	2.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-28	07/30/1993	N	SO	0.5-0.5FT	0.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-29	07/30/1993	N	SO	0.5-0.5FT	0.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-29	08/03/1995	N	SO	0.5-0.5FT	5.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-34	08/03/1995	N	SO	7.7-7.7FT	59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-35	07/30/1993	N	SO	0.5-0.5FT	0.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-37	07/30/1993	N	SO	0.5-0.5FT	5.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-38	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-39	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	N	SO	7.8-7.8FT	1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-46	09/13/1995	N	SO	7.5-7.5FT	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-46	10/04/1995	N	SO	8.9-8.9FT	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-47	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-48	07/30/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-50	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	N	SO	7.9-7.9FT	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-61	07/27/1995	N	SO	7.7-7.7FT	249.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-63	10/11/1995	N	SO	9.6-9.6FT	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	09/13/1995	N	SO	7.7-7.7FT	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	09/28/1995	N	SO	8.9-8.9FT	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	10/11/1995	N	SO	9.4-9.4FT	5.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-66	09/08/1995	N	SO	8-8FT	< 0.21 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-67	06/08/1995	N	SO		0.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-67	09/08/1995	N	SO	8.1-8.1FT	0.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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Hoquiam, Washington

Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D)Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No. Unit	Phthalate 117-81-7 mg/kg	218-01-9 mg/kg	53-70-3 mg/kg	206-44-0 mg/kg	86-73-7 mg/kg	193-39-5 mg/kg	91-20-3 mg/kg	85-01-8 mg/kg	129-00-0 mg/kg	PAHs_other mg/kg	PAHs_total mg/kg	TSVOC mg/kg	TOTVOCs mg/kg
P-22	08/03/1995	N	SO	7.6-7.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P23	06/21/1993	N	SO	0.5-0.5FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P-23B	09/12/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P24	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P-24	08/03/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-24	10/04/1995	N	SO	8.8-8.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P25	06/21/1993	N	SO	1-1FT	< 0.5 U	< 0.1 U	--	< 0.1 U	--	< 0.1 U	--	< 0.1 U	< 10 U	--	--	--	< 0.1 U	< 0.1 U
P25	07/30/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-25	10/04/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-25	10/18/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	N	SO	0-1FT	< 0.5 U	0.17	--	0.26	--	< 0.1 U	--	0.15	0.24	--	--	--	< 0.1 U	< 0.1 U
P26	06/21/1993	N	SO	0.5-0.5FT	< 0.5 U	< 0.1 U	--	0.14	--	< 0.1 U	--	< 0.1 U	0.14	--	--	--	< 0.1 U	< 0.1 U
P-27	09/12/1995	N	SO	7.1-7.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-28	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-29	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-29	08/03/1995	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-34	08/03/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-35	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-37	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-38	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-39	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-46	09/13/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-46	10/04/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-47	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-48	07/30/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-50	07/30/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-61	07/27/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-63	10/11/1995	N	SO	9.6-9.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	09/13/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	09/28/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-65	10/11/1995	N	SO	9.4-9.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-66	09/08/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-67	06/08/1995	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-67	09/08/1995	N	SO	8.1-8.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
					Cas No. Unit	7429-90-5 mg/kg	7440-43-9 mg/kg	18540-29-9 mg/kg	7440-47-3 mg/kg	7440-50-8 mg/kg	7439-89-6 mg/kg	7439-92-1 mg/kg	7439-97-6 mg/kg	7440-02-0 mg/kg	7440-22-4 mg/kg	7440-66-6 mg/kg	Metals_PP mg/kg	ARC-C12C24FO mg/kg	TPH mg/kg
P-68	07/27/1995	N	SO	7.4-7.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-70	09/12/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-72	09/13/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-73	09/13/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-76	09/08/1995	N	SO	6.6-6.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-77	09/21/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-79	09/28/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-79	10/11/1995	N	SO	9.7-9.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-1	10/12/1995	N	SO	10.5-10.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/11/1995	N	SO	10.3-10.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/19/1995	N	SO	11.3-11.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/11/1995	N	SO	10.7-10.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	N	SO	11.8-11.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/12/1995	N	SO	10.6-10.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/24/1995	N	SO	12-12FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/23/1995	N	SO	9.9-9.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/25/1995	N	SO	10.9-10.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-9	09/19/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-10	08/28/1995	N	SO	9.2-9.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-11	10/11/1995	N	SO	9.8-9.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-13	09/07/1995	N	SO	8.1-8.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-14	09/07/1995	N	SO	7.2-7.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-15	09/07/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-16	09/07/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-17	09/13/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-18	09/07/1995	N	SO	6.8-6.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-19	09/13/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-20	09/07/1995	N	SO	8.7-8.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/04/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/24/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-22	09/13/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-23	09/13/1995	N	SO	8.7-8.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-24	09/13/1995	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
P-68	07/27/1995	N	SO	7.4-7.4FT	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	N	SO	0.5-0.5FT	400	--	--	--	--	--	--	--	--	--	--	--
P-70	09/12/1995	N	SO	7.5-7.5FT	530	--	--	--	--	--	--	--	--	--	--	--
P-72	09/13/1995	N	SO	8-8FT	600	--	--	--	--	--	--	--	--	--	--	--
P-73	09/13/1995	N	SO	7.9-7.9FT	--	2600	--	--	--	--	--	--	--	--	--	--
P-76	09/08/1995	N	SO	6.6-6.6FT	--	3800	--	--	--	--	--	--	--	--	--	--
P-77	09/21/1995	N	SO	7.8-7.8FT	200	--	--	--	--	--	--	--	--	--	--	--
P-79	09/28/1995	N	SO	8.2-8.2FT	--	120000	--	--	--	--	--	--	--	--	--	--
P-79	10/11/1995	N	SO	9.7-9.7FT	2300	--	--	--	--	--	--	--	--	--	--	--
PCB-1	10/12/1995	N	SO	10.5-10.5FT	< 100 U	--	--	5000	--	--	--	--	--	--	--	--
PCB-2	10/11/1995	N	SO	10.3-10.3FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/19/1995	N	SO	11.3-11.3FT	--	--	--	2400	--	--	--	--	--	--	--	--
PCB-3	10/11/1995	N	SO	10.7-10.7FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	N	SO	11.8-11.8FT	--	--	--	12000	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	N	SO	7.9-7.9FT	< 94 U	--	--	< 140 U	--	--	--	--	--	--	--	--
PCB-5	10/12/1995	N	SO	10.6-10.6FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/24/1995	N	SO	12-12FT	--	--	--	1000	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	N	SO	7.8-7.8FT	< 84 U	--	--	370	--	--	--	--	--	--	--	--
PCB-8	10/23/1995	N	SO	9.9-9.9FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/25/1995	N	SO	10.9-10.9FT	--	--	--	1200	--	--	--	--	--	--	--	--
PCB-9	09/19/1995	N	SO	9.5-9.5FT	< 90 U	--	--	440	--	--	--	--	--	--	--	--
PCB-10	08/28/1995	N	SO	9.2-9.2FT	< 93 U	--	--	--	--	--	--	--	--	--	--	--
PCB-11	10/11/1995	N	SO	9.8-9.8FT	140	--	--	--	--	--	--	--	--	--	--	--
PCB-13	09/07/1995	N	SO	8.1-8.1FT	120	--	--	--	--	--	--	--	--	--	--	--
PCB-14	09/07/1995	N	SO	7.2-7.2FT	< 90 U	--	--	--	--	--	--	--	--	--	--	--
PCB-15	09/07/1995	N	SO	7.5-7.5FT	970	--	--	--	--	--	--	--	--	--	--	--
PCB-16	09/07/1995	N	SO	7.3-7.3FT	200	--	--	--	--	--	--	--	--	--	--	--
PCB-17	09/13/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-18	09/07/1995	N	SO	6.8-6.8FT	< 89 U	--	--	--	--	--	--	--	--	--	--	--
PCB-19	09/13/1995	N	SO	8.5-8.5FT	< 81 U	--	--	--	--	--	--	--	--	--	--	--
PCB-20	09/07/1995	N	SO	8.7-8.7FT	< 120 U	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/04/1995	N	SO	9.5-9.5FT	--	1300	--	--	--	--	--	--	--	--	--	--
PCB-21	10/24/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-22	09/13/1995	N	SO	8.2-8.2FT	170	--	--	--	--	--	--	--	--	--	--	--
PCB-23	09/13/1995	N	SO	8.7-8.7FT	750	--	--	--	--	--	--	--	--	--	--	--
PCB-24	09/13/1995	N	SO	9-9FT	--	1800	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthra	Benzo[a]pyrene	Benzo[b]fluora	Benzo[g,h,i]per	Benzo[k]fluoran	
					Cas No.	Biphenyl (PCBs)	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	cene	50-32-8	nthene	ylene	thene	
					Unit	1336-36-3	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
P-68	07/27/1995	N	SO	7.4-7.4FT	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	N	SO	0.5-0.5FT	0.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-70	09/12/1995	N	SO	7.5-7.5FT	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-72	09/13/1995	N	SO	8-8FT	< 0.31 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-73	09/13/1995	N	SO	7.9-7.9FT	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-76	09/08/1995	N	SO	6.6-6.6FT	87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-77	09/21/1995	N	SO	7.8-7.8FT	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-79	09/28/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-79	10/11/1995	N	SO	9.7-9.7FT	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-1	10/12/1995	N	SO	10.5-10.5FT	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/11/1995	N	SO	10.3-10.3FT	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/19/1995	N	SO	11.3-11.3FT	2.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/11/1995	N	SO	10.7-10.7FT	58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	N	SO	11.8-11.8FT	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/12/1995	N	SO	10.6-10.6FT	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/24/1995	N	SO	12-12FT	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	N	SO	7.8-7.8FT	0.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/23/1995	N	SO	9.9-9.9FT	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/25/1995	N	SO	10.9-10.9FT	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-9	09/19/1995	N	SO	9.5-9.5FT	0.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-10	08/28/1995	N	SO	9.2-9.2FT	0.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-11	10/11/1995	N	SO	9.8-9.8FT	0.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-13	09/07/1995	N	SO	8.1-8.1FT	3.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-14	09/07/1995	N	SO	7.2-7.2FT	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-15	09/07/1995	N	SO	7.5-7.5FT	0.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-16	09/07/1995	N	SO	7.3-7.3FT	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-17	09/13/1995	N	SO	8.6-8.6FT	< 0.27 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-18	09/07/1995	N	SO	6.8-6.8FT	0.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-19	09/13/1995	N	SO	8.5-8.5FT	< 0.13 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-20	09/07/1995	N	SO	8.7-8.7FT	4.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/04/1995	N	SO	9.5-9.5FT	4.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/24/1995	N	SO	10-10FT	0.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-22	09/13/1995	N	SO	8.2-8.2FT	1.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-23	09/13/1995	N	SO	8.7-8.7FT	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-24	09/13/1995	N	SO	9-9FT	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D)Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No. Unit	Phthalate 117-81-7 mg/kg	218-01-9 mg/kg	53-70-3 mg/kg	206-44-0 mg/kg	86-73-7 mg/kg	193-39-5 mg/kg	91-20-3 mg/kg	85-01-8 mg/kg	129-00-0 mg/kg	PAHs_other mg/kg	PAHs_total mg/kg	TSVOC mg/kg	TOTVOCs mg/kg
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
P-68	07/27/1995	N	SO	7.4-7.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-70	09/12/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-72	09/13/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-73	09/13/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-76	09/08/1995	N	SO	6.6-6.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-77	09/21/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-79	09/28/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-79	10/11/1995	N	SO	9.7-9.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-1	10/12/1995	N	SO	10.5-10.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/11/1995	N	SO	10.3-10.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/19/1995	N	SO	11.3-11.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/11/1995	N	SO	10.7-10.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	N	SO	11.8-11.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/12/1995	N	SO	10.6-10.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/24/1995	N	SO	12-12FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/23/1995	N	SO	9.9-9.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/25/1995	N	SO	10.9-10.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-9	09/19/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-10	08/28/1995	N	SO	9.2-9.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-11	10/11/1995	N	SO	9.8-9.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-13	09/07/1995	N	SO	8.1-8.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-14	09/07/1995	N	SO	7.2-7.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-15	09/07/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-16	09/07/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-17	09/13/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-18	09/07/1995	N	SO	6.8-6.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-19	09/13/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-20	09/07/1995	N	SO	8.7-8.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/04/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/24/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-22	09/13/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-23	09/13/1995	N	SO	8.7-8.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-24	09/13/1995	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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Chemical					Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
Cas No.					7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	Metals_PP	ARC-C12C24FO	TPH
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-24	10/04/1995	N	SO	9.2-9.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-24	10/17/1995	N	SO	10.4-10.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-25	09/13/1995	N	SO	8.4-8.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-26	10/11/1995	N	SO	9.1-9.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-27	10/18/1995	N	SO	9.3-9.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-30	09/21/1995	N	SO	7.4-7.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-32	09/21/1995	N	SO	6.9-6.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-39	09/28/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-39	10/18/1995	N	SO	9.8-9.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-41	09/28/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-42	09/28/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-43	09/28/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-46	10/04/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-47	10/04/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-48	10/04/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-49	10/17/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-50	10/23/1995	N	SO	9.9-9.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-51	10/24/1995	N	SO	10.7-10.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-1	10/25/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-2	10/25/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-3	10/25/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-4	10/25/1995	N	SO	8.4-8.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-5	11/03/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-6	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-7	10/31/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-8	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-9	10/31/1995	N	SO	8.4-8.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-10	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-11	10/31/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-12	10/31/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-13	11/02/1995	N	SO	8.8-8.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-14	11/07/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-15	11/07/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	07/26/1995	N	SO	5.2-5.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	07/26/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	07/26/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
PCB-24	10/04/1995	N	SO	9.2-9.2FT	--	1200	--	--	--	--	--	--	--	--	--	--
PCB-24	10/17/1995	N	SO	10.4-10.4FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-25	09/13/1995	N	SO	8.4-8.4FT	350	--	--	--	--	--	--	--	--	--	--	--
PCB-26	10/11/1995	N	SO	9.1-9.1FT	460	--	--	--	--	--	--	--	--	--	--	--
PCB-27	10/18/1995	N	SO	9.3-9.3FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-30	09/21/1995	N	SO	7.4-7.4FT	< 89 U	--	--	--	--	--	--	--	--	--	--	--
PCB-32	09/21/1995	N	SO	6.9-6.9FT	< 89 U	--	--	--	--	--	--	--	--	--	--	--
PCB-39	09/28/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-39	10/18/1995	N	SO	9.8-9.8FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-41	09/28/1995	N	SO	7.7-7.7FT	--	9500	--	--	--	--	--	--	--	--	--	--
PCB-42	09/28/1995	N	SO	7.7-7.7FT	160	--	--	--	--	--	--	--	--	--	--	--
PCB-43	09/28/1995	N	SO	7.9-7.9FT	--	2800	--	--	--	--	--	--	--	--	--	--
PCB-46	10/04/1995	N	SO	8.9-8.9FT	--	12000	--	--	--	--	--	--	--	--	--	--
PCB-47	10/04/1995	N	SO	8.2-8.2FT	--	3900	--	--	--	--	--	--	--	--	--	--
PCB-48	10/04/1995	N	SO	7.8-7.8FT	250	--	--	--	--	--	--	--	--	--	--	--
PCB-49	10/17/1995	N	SO	8.9-8.9FT	< 84 U	--	--	--	--	--	--	--	--	--	--	--
PCB-50	10/23/1995	N	SO	9.9-9.9FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-51	10/24/1995	N	SO	10.7-10.7FT	--	--	--	--	--	--	--	--	--	--	--	--
TPH-1	10/25/1995	N	SO	8.5-8.5FT	120	--	--	--	--	--	--	--	--	--	--	--
TPH-2	10/25/1995	N	SO	8.3-8.3FT	< 99 U	--	--	--	--	--	--	--	--	--	--	--
TPH-3	10/25/1995	N	SO	8.3-8.3FT	160	--	--	--	--	--	--	--	--	--	--	--
TPH-4	10/25/1995	N	SO	8.4-8.4FT	< 100 U	--	--	--	--	--	--	--	--	--	--	--
TPH-5	11/03/1995	N	SO	7.9-7.9FT	--	94000	--	--	--	--	--	--	--	--	--	--
TPH-6	10/31/1995	N	SO	8.6-8.6FT	120	--	--	--	--	--	--	--	--	--	--	--
TPH-7	10/31/1995	N	SO	8.5-8.5FT	110	--	--	--	--	--	--	--	--	--	--	--
TPH-8	10/31/1995	N	SO	8.6-8.6FT	140	--	--	--	--	--	--	--	--	--	--	--
TPH-9	10/31/1995	N	SO	8.4-8.4FT	100	--	--	--	--	--	--	--	--	--	--	--
TPH-10	10/31/1995	N	SO	8.6-8.6FT	--	5800	--	--	--	--	--	--	--	--	--	--
TPH-11	10/31/1995	N	SO	8.3-8.3FT	130	--	--	--	--	--	--	--	--	--	--	--
TPH-12	10/31/1995	N	SO	8.5-8.5FT	470	--	--	--	--	--	--	--	--	--	--	--
TPH-13	11/02/1995	N	SO	8.8-8.8FT	120	--	--	--	--	--	--	--	--	--	--	--
TPH-14	11/07/1995	N	SO	8.5-8.5FT	--	7500	--	--	--	--	--	--	--	--	--	--
TPH-15	11/07/1995	N	SO	8.3-8.3FT	2500	1800	--	--	--	--	--	--	--	--	--	--
W-1	07/26/1995	N	SO	5.2-5.2FT	--	--	--	< 100 U	--	--	--	--	--	--	--	--
W-2	07/26/1995	N	SO	6.2-6.2FT	--	--	--	330	--	--	--	--	--	--	--	--
W-3	07/26/1995	N	SO	8.2-8.2FT	--	--	--	< 100 U	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthra	Benzo[a]pyrene	Benzo[b]fluora	Benzo[g,h,i]per	Benzo[k]fluoran
					Cas No.	Biphenyl (PCBs)	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	cene	50-32-8	nthene	ylene	thene
					Unit	1336-36-3	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-24	10/04/1995	N	SO	9.2-9.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-24	10/17/1995	N	SO	10.4-10.4FT	5.9	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-25	09/13/1995	N	SO	8.4-8.4FT	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-26	10/11/1995	N	SO	9.1-9.1FT	7	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-27	10/18/1995	N	SO	9.3-9.3FT	5.3	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-30	09/21/1995	N	SO	7.4-7.4FT	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-32	09/21/1995	N	SO	6.9-6.9FT	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-39	09/28/1995	N	SO	8.2-8.2FT	29	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-39	10/18/1995	N	SO	9.8-9.8FT	4.6	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-41	09/28/1995	N	SO	7.7-7.7FT	16	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-42	09/28/1995	N	SO	7.7-7.7FT	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-43	09/28/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-46	10/04/1995	N	SO	8.9-8.9FT	0.7	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-47	10/04/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-48	10/04/1995	N	SO	7.8-7.8FT	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-49	10/17/1995	N	SO	8.9-8.9FT	< 0.13 U	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-50	10/23/1995	N	SO	9.9-9.9FT	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-51	10/24/1995	N	SO	10.7-10.7FT	< 0.16 U	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-1	10/25/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-2	10/25/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-3	10/25/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-4	10/25/1995	N	SO	8.4-8.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-5	11/03/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-6	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-7	10/31/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-8	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-9	10/31/1995	N	SO	8.4-8.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-10	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-11	10/31/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-12	10/31/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-13	11/02/1995	N	SO	8.8-8.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-14	11/07/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-15	11/07/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	07/26/1995	N	SO	5.2-5.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	07/26/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	07/26/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anth	Fluoranthene	Fluorene	Indeno(1,2,3-	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No.	Phthalate	218-01-9	racene	206-44-0	86-73-7	C,D)Pyrene	91-20-3	85-01-8	129-00-0	PAHs_other	PAHs_total	TSVOC	TOTVOCs
					Unit	117-81-7	mg/kg	53-70-3	mg/kg	mg/kg	193-39-5	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-24	10/04/1995	N	SO	9.2-9.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-24	10/17/1995	N	SO	10.4-10.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-25	09/13/1995	N	SO	8.4-8.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-26	10/11/1995	N	SO	9.1-9.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-27	10/18/1995	N	SO	9.3-9.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-30	09/21/1995	N	SO	7.4-7.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-32	09/21/1995	N	SO	6.9-6.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-39	09/28/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-39	10/18/1995	N	SO	9.8-9.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-41	09/28/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-42	09/28/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-43	09/28/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-46	10/04/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-47	10/04/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-48	10/04/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-49	10/17/1995	N	SO	8.9-8.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-50	10/23/1995	N	SO	9.9-9.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-51	10/24/1995	N	SO	10.7-10.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-1	10/25/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-2	10/25/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-3	10/25/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-4	10/25/1995	N	SO	8.4-8.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-5	11/03/1995	N	SO	7.9-7.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-6	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-7	10/31/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-8	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-9	10/31/1995	N	SO	8.4-8.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-10	10/31/1995	N	SO	8.6-8.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-11	10/31/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-12	10/31/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-13	11/02/1995	N	SO	8.8-8.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-14	11/07/1995	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-15	11/07/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	07/26/1995	N	SO	5.2-5.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	07/26/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	07/26/1995	N	SO	8.2-8.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Chemical					Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
Cas No.					7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	Metals_PP	ARC-C12C24FO	TPH
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
W-4	07/28/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-17	08/03/1995	N	SO	7.2-7.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-18	08/10/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-19	08/10/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-21	08/10/1995	N	SO	7.4-7.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-23	08/10/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-30	08/15/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-31	08/15/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-34	08/22/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-36	08/23/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-38	08/24/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-39	08/24/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-42	08/30/1995	N	SO	8.1-8.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-46	08/31/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-48	09/08/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Boneyard Area																		
1	04/25/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	04/25/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7	04/25/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8	04/25/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	05/02/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	05/02/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	05/02/1995	N	SO	3.8-3.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	05/02/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A	05/02/1995	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	05/02/1995	N	SO	1.8-1.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	04/25/1995	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
W-4	07/28/1995	N	SO	7.8-7.8FT	--	--	--	--	< 100 U	--	--	--	--	--	--	--
W-17	08/03/1995	N	SO	7.2-7.2FT	--	--	--	--	< 100 U	--	--	--	--	--	--	--
W-18	08/10/1995	N	SO	7.7-7.7FT	--	10300	--	--	20000	--	--	--	--	--	--	--
W-19	08/10/1995	N	SO	7.5-7.5FT	--	7970	--	--	10000	--	--	--	--	--	--	--
W-21	08/10/1995	N	SO	7.4-7.4FT	--	3280	--	--	5800	--	--	--	--	--	--	--
W-23	08/10/1995	N	SO	2-2FT	920	--	--	--	320	--	--	--	--	--	--	--
W-30	08/15/1995	N	SO	8.3-8.3FT	15000	--	--	--	--	--	--	--	--	--	--	--
W-31	08/15/1995	N	SO	7.3-7.3FT	--	23400	--	--	--	--	--	--	--	--	--	--
W-34	08/22/1995	N	SO	8-8FT	130	--	--	--	--	--	--	--	--	--	--	--
W-36	08/23/1995	N	SO	7.3-7.3FT	180	--	--	--	--	--	--	--	--	--	--	--
W-38	08/24/1995	N	SO	6.2-6.2FT	22000	--	--	--	--	--	--	--	--	--	--	--
W-39	08/24/1995	N	SO	6.2-6.2FT	84	--	--	--	--	--	--	--	--	--	--	--
W-42	08/30/1995	N	SO	8.1-8.1FT	30	--	--	--	--	--	--	--	--	--	--	--
W-46	08/31/1995	N	SO	7.8-7.8FT	85	--	--	--	--	--	--	--	--	--	--	--
W-48	09/08/1995	N	SO	7.8-7.8FT	250	--	--	--	--	--	--	--	--	--	--	--
Boneyard Area																
1	04/25/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
2	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--
6	04/25/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
7	04/25/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
8	04/25/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
9	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--
10	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--
11	05/02/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--
17	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
18	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--
19	05/02/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
20	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
20	05/02/1995	N	SO	3.8-3.8FT	--	--	--	--	--	--	--	--	--	--	--	--
21	05/02/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
A	05/02/1995	N	SO	2-2FT	100	--	--	--	340	--	--	--	--	--	--	--
A	05/02/1995	N	SO	3.1-3.1FT	71	--	--	--	47	--	--	--	--	--	--	--
B	05/02/1995	N	SO	1.8-1.8FT	320	--	--	--	2000	--	--	--	--	--	--	--
B	05/02/1995	N	SO	3-3FT	270	--	--	--	420	--	--	--	--	--	--	--
BOTTOM	04/25/1995	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--

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					Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg	Benzo[k]fluoranthene 207-08-9 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
W-4	07/28/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-17	08/03/1995	N	SO	7.2-7.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-18	08/10/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-19	08/10/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-21	08/10/1995	N	SO	7.4-7.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-23	08/10/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-30	08/15/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-31	08/15/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-34	08/22/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-36	08/23/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-38	08/24/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-39	08/24/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-42	08/30/1995	N	SO	8.1-8.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-46	08/31/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-48	09/08/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Boneyard Area																	
1	04/25/1995	N	SO	3.5-3.5FT	0.257	--	--	--	--	--	--	--	--	--	--	--	--
2	04/25/1995	N	SO	3-3FT	1.62	--	--	--	--	--	--	--	--	--	--	--	--
6	04/25/1995	N	SO	5.5-5.5FT	0.39	--	--	--	--	--	--	--	--	--	--	--	--
7	04/25/1995	N	SO	1-1FT	2.36	--	--	--	--	--	--	--	--	--	--	--	--
8	04/25/1995	N	SO	2-2FT	0.61	--	--	--	--	--	--	--	--	--	--	--	--
9	04/25/1995	N	SO	6-6FT	0.13	--	--	--	--	--	--	--	--	--	--	--	--
10	04/25/1995	N	SO	6-6FT	0.81	--	--	--	--	--	--	--	--	--	--	--	--
11	05/02/1995	N	SO	6-6FT	0.46	--	--	--	--	--	--	--	--	--	--	--	--
17	04/26/1995	N	SO	2-2FT	3.8	--	--	--	--	--	--	--	--	--	--	--	--
18	05/02/1995	N	SO	3-3FT	8.75	--	--	--	--	--	--	--	--	--	--	--	--
19	05/02/1995	N	SO	2.5-2.5FT	2.49	--	--	--	--	--	--	--	--	--	--	--	--
20	05/02/1995	N	SO	2-2FT	1.04	--	--	--	--	--	--	--	--	--	--	--	--
20	05/02/1995	N	SO	3.8-3.8FT	0.06	--	--	--	--	--	--	--	--	--	--	--	--
21	05/02/1995	N	SO	5.5-5.5FT	1.2	--	--	--	--	--	--	--	--	--	--	--	--
A	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
A	05/02/1995	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B	05/02/1995	N	SO	1.8-1.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	04/25/1995	N	SO	4-4FT	33.4	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	04/25/1995	N	SO	6-6FT	0.13	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D)Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No. Unit	Phthalate 117-81-7 mg/kg	218-01-9 mg/kg	53-70-3 mg/kg	206-44-0 mg/kg	86-73-7 mg/kg	193-39-5 mg/kg	91-20-3 mg/kg	85-01-8 mg/kg	129-00-0 mg/kg	PAHs_other mg/kg	PAHs_total mg/kg	TSVOC mg/kg	TOTVOCs mg/kg
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
W-4	07/28/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-17	08/03/1995	N	SO	7.2-7.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-18	08/10/1995	N	SO	7.7-7.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-19	08/10/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-21	08/10/1995	N	SO	7.4-7.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-23	08/10/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-30	08/15/1995	N	SO	8.3-8.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-31	08/15/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-34	08/22/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-36	08/23/1995	N	SO	7.3-7.3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-38	08/24/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-39	08/24/1995	N	SO	6.2-6.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-42	08/30/1995	N	SO	8.1-8.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-46	08/31/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-48	09/08/1995	N	SO	7.8-7.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Boneyard Area																		
1	04/25/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	04/25/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7	04/25/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8	04/25/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	05/02/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	05/02/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
20	05/02/1995	N	SO	3.8-3.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
21	05/02/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
A	05/02/1995	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	05/02/1995	N	SO	1.8-1.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	04/25/1995	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	04/25/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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					Chemical Cas No. Unit	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Priority Pollutant Metals Metals_PP mg/kg	Fuel Oil #6 C12- C24 ARC-C12C24FO mg/kg	Total Petroleum Hydrocarbons TPH mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BOTTOM	05/02/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	05/02/1995	N	SO	5.8-5.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	1.5-1.5FT	--	--	--	25	--	--	100	--	--	--	--	--	--	--	100
BY-1	06/14/1993	N	SO	5.5-5.5FT	--	--	--	32	--	--	53	--	--	--	--	--	--	--	380
BY-1	06/14/1993	N	SO	8-8FT	--	--	--	41	--	--	140	--	--	--	--	--	--	--	--
BY-2	06/14/1993	N	SO	1.5-1.5FT	--	--	--	29	--	--	4700	--	--	--	--	--	--	--	7000
BY-2	06/14/1993	N	SO	7.5-7.5FT	--	--	--	42	--	--	170	--	--	--	--	--	--	--	--
BY-3	06/14/1993	N	SO	1.5-1.5FT	--	--	--	160	--	--	570	--	--	--	--	--	--	--	570
BY-3	06/24/1993	N	SO	8.5-8.5FT	--	--	--	69	--	--	400	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	3700	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	660	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	150	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	1200	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	380	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	130	--	--	--	--	--	--	--	--
BY-3C	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	1400	--	--	--	--	--	--	--	--
BY-3C	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	60	--	--	--	--	--	--	--	--
BY-3C	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	60	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	680	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	620	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	180	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	1800	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	5600	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	1600	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	1100	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	880	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	1300	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	16000	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	2100	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	1500	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Chemical					TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
Cas No.					Range Organics	Range Organics	Range Organics	Range Organics	(Aroclor 1016)	(Aroclor 1221)	(Aroclor 1232)	(Aroclor 1242)	(Aroclor 1248)	(Aroclor 1254)	(Aroclor 1260)
Unit					DRO	EXT-DRO	GRO	MRO	12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BOTTOM	05/02/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	05/02/1995	N	SO	5.8-5.8FT	15	--	--	39	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
BY-2	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-2	06/14/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3	06/24/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--

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 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg	Benzo[k]fluoranthene 207-08-9 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BOTTOM	05/02/1995	N	SO	6-6FT	0.46	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	05/02/1995	N	SO	5.8-5.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	1.5-1.5FT	1.4	--	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	5.5-5.5FT	2.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-2	06/14/1993	N	SO	1.5-1.5FT	2.2	--	--	--	--	--	--	--	--	--	--	--	--
BY-2	06/14/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3	06/14/1993	N	SO	1.5-1.5FT	20.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-3	06/24/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	1.5-1.5FT	103.1	--	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	3-3FT	1.02	--	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	5-5FT	0.73	--	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	1.5-1.5FT	143.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	3-3FT	25.7	--	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	5-5FT	0.27	--	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/21/1994	N	SO	1.5-1.5FT	11.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/27/1994	N	SO	3-3FT	0.34	--	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/27/1994	N	SO	5-5FT	0.06	--	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	1.5-1.5FT	0.98	--	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	3-3FT	0.43	--	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	5-5FT	0.12	--	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	1.5-1.5FT	245.1	--	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	3-3FT	371	--	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	4.5-4.5FT	144.8	--	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	1.5-1.5FT	11.1	--	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	3-3FT	20.1	--	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	4.5-4.5FT	8.1	--	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	1.5-1.5FT	10.4	--	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	3-3FT	56.8	--	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	4.5-4.5FT	464	--	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	1.5-1.5FT	1	--	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	3-3FT	15.7	--	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	6-6FT	2.9	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	1.5-1.5FT	86.1	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	3-3FT	121	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	6-6FT	9.1	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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Hoquiam, Washington

					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BOTTOM	05/02/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BOTTOM	05/02/1995	N	SO	5.8-5.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-1	06/14/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-2	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-2	06/14/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3	06/24/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3A	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3B	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3C	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3D	09/27/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3E	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3F	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3H	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3J	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3K	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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					Chemical Cas No. Unit	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Priority Pollutant Metals Metals_PP mg/kg	Fuel Oil #6 C12- C24 ARC-C12C24FO mg/kg	Total Petroleum Hydrocarbons TPH mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-3L	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3L	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3L	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3M	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3N	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3O	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3O	01/17/1995	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3P	01/17/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	1.5-1.5FT	--	--	--	210	--	--	580	--	--	--	--	--	--	--	540
BY-4	06/14/1993	N	SO	5.5-5.5FT	--	--	--	16	--	--	120	--	--	--	--	--	--	--	4400
BY-4	06/14/1993	N	SO	8.5-8.5FT	--	--	--	46	--	--	28	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	1.5-1.5FT	--	--	--	31	--	--	41	--	--	--	--	--	--	--	< 100 U
BY-7	06/14/1993	N	SO	5.5-5.5FT	--	--	--	54	--	--	99	--	--	--	--	--	--	--	140
BY-7	06/14/1993	N	SO	8.5-8.5FT	--	--	--	36	--	--	28	--	--	--	--	--	--	--	--
BY-8	06/14/1993	N	SO	1.5-1.5FT	--	--	--	120	--	--	2100	--	--	--	--	--	--	--	740
BY-8	06/14/1993	N	SO	7.5-7.5FT	--	--	--	18	--	--	6.4	--	--	--	--	--	--	--	--
BY-9	06/14/1993	N	SO	1.5-1.5FT	--	--	--	35	--	--	180	--	--	--	--	--	--	--	4200
BY-9	06/14/1993	N	SO	5.5-5.5FT	--	--	--	73	--	--	120	--	--	--	--	--	--	--	--
BY-10	06/14/1993	N	SO	1.5-1.5FT	--	--	--	33	--	--	18	--	--	--	--	--	--	--	190
BY-10	06/14/1993	N	SO	5.5-5.5FT	--	--	--	19	--	--	14	--	--	--	--	--	--	--	--
BY-11	06/14/1993	N	SO	1.5-1.5FT	--	--	--	7.7	--	--	6.2	--	--	--	--	--	--	--	< 100 U
BY-11	06/14/1993	N	SO	5.5-5.5FT	--	--	--	19	--	--	6.1	--	--	--	--	--	--	--	--
BY-12	06/14/1993	N	SO	2-2FT	--	--	--	22	--	--	1400	--	--	--	--	--	--	--	500
BY-12	06/14/1993	N	SO	5.5-5.5FT	--	--	--	19	--	--	< 5 U	--	--	--	--	--	--	--	--
BY-13	06/17/1993	N	SO	1.5-1.5FT	--	--	--	< 1 U	--	--	42	--	--	--	--	--	--	--	< 100 U
BY-13	06/17/1993	N	SO	5.5-5.5FT	--	--	--	< 1 U	--	--	7.1	--	--	--	--	--	--	--	< 100 U
BY-14	06/17/1993	N	SO	1.5-1.5FT	--	--	--	< 1 U	--	--	390	--	--	--	--	--	--	--	4800
BY-14	06/17/1993	N	SO	5.5-5.5FT	--	--	--	< 1 U	--	--	130	--	--	--	--	--	--	--	2200
BY-15	06/17/1993	N	SO	1.5-1.5FT	--	--	--	< 1 U	--	--	230	--	--	--	--	--	--	--	600
BY-15	06/17/1993	N	SO	5.5-5.5FT	--	--	--	< 1 U	--	--	140	--	--	--	--	--	--	--	2500
BY-16	06/17/1993	N	SO	1.5-1.5FT	--	--	--	< 0 U	--	--	200	--	--	--	--	--	--	--	51000
BY-16	06/17/1993	N	SO	5.5-5.5FT	--	--	--	< 0 U	--	--	18	--	--	--	--	--	--	--	< 0 U
BY-17	06/25/1993	N	SO	3.5-3.5FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	--	< 100 U
BY-17	06/25/1993	N	SO	5.5-5.5FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	--	560
BY-17	06/25/1993	N	SO	7.5-7.5FT	--	--	--	< 1 U	--	--	70	--	--	--	--	--	--	--	--
BY-18	06/24/1993	N	SO	4-4FT	--	--	--	< 1 U	--	--	170	--	--	--	--	--	--	--	< 100 U

Appendix D
 Past Soil Data
 Data Summary Report
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					TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	PCB-1016 (Aroclor 1016) 12674-11-2 mg/kg	PCB-1221 (Aroclor 1221) 11104-28-2 mg/kg	PCB-1232 (Aroclor 1232) 11141-16-5 mg/kg	PCB-1242 (Aroclor 1242) 53469-21-9 mg/kg	PCB-1248 (Aroclor 1248) 12672-29-6 mg/kg	PCB-1254 (Aroclor 1254) 11097-69-1 mg/kg	PCB-1260 (Aroclor 1260) 11096-82-5 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-3L	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-3L	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-3L	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--
BY-3M	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--
BY-3N	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--
BY-3O	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--
BY-3O	01/17/1995	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--
BY-3P	01/17/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-8	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-8	06/14/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-9	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-9	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-10	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-10	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-11	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-11	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-12	06/14/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--
BY-12	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-13	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-13	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-14	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-14	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-15	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-15	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-16	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-16	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-18	06/24/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--

Appendix D
 Past Soil Data
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
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Chemical					Polychlorinated Biphenyl (PCBs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene
Cas No.					1336-36-3	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-3L	01/17/1995	N	SO	1.5-1.5FT	206.8	--	--	--	--	--	--	--	--	--	--	--	--
BY-3L	01/17/1995	N	SO	3-3FT	32.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-3L	01/17/1995	N	SO	6-6FT	21.2	--	--	--	--	--	--	--	--	--	--	--	--
BY-3M	01/17/1995	N	SO	2-2FT	6.2	--	--	--	--	--	--	--	--	--	--	--	--
BY-3N	01/17/1995	N	SO	2-2FT	1.4	--	--	--	--	--	--	--	--	--	--	--	--
BY-3O	01/17/1995	N	SO	2-2FT	0.8	--	--	--	--	--	--	--	--	--	--	--	--
BY-3O	01/17/1995	N	SO	4-4FT	6.7	--	--	--	--	--	--	--	--	--	--	--	--
BY-3P	01/17/1995	N	SO	2.5-2.5FT	1.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	1.5-1.5FT	4.7	--	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	5.5-5.5FT	1.2	--	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	1.5-1.5FT	0.2	--	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	5.5-5.5FT	1.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-8	06/14/1993	N	SO	1.5-1.5FT	0.7	--	--	--	--	--	--	--	--	--	--	--	--
BY-8	06/14/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-9	06/14/1993	N	SO	1.5-1.5FT	0.5	--	--	--	--	--	--	--	--	--	--	--	--
BY-9	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-10	06/14/1993	N	SO	1.5-1.5FT	0.3	--	--	--	--	--	--	--	--	--	--	--	--
BY-10	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-11	06/14/1993	N	SO	1.5-1.5FT	1.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-11	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-12	06/14/1993	N	SO	2-2FT	0.6	--	--	--	--	--	--	--	--	--	--	--	--
BY-12	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-13	06/17/1993	N	SO	1.5-1.5FT	2.2	--	--	--	--	--	--	--	--	--	--	--	--
BY-13	06/17/1993	N	SO	5.5-5.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-14	06/17/1993	N	SO	1.5-1.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-14	06/17/1993	N	SO	5.5-5.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-15	06/17/1993	N	SO	1.5-1.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-15	06/17/1993	N	SO	5.5-5.5FT	1.2	--	--	--	--	--	--	--	--	--	--	--	--
BY-16	06/17/1993	N	SO	1.5-1.5FT	< 0 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-16	06/17/1993	N	SO	5.5-5.5FT	< 0 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	3.5-3.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-18	06/24/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D)Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No.	Phthalate	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	PAHs_other	PAHs_total	TSVOC	TOTVOCs
					Unit	117-81-7	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-3L	01/17/1995	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3L	01/17/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3L	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3M	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3N	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3O	01/17/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3O	01/17/1995	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-3P	01/17/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-4	06/14/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-7	06/14/1993	N	SO	8.5-8.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-8	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-8	06/14/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-9	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-9	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-10	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-10	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-11	06/14/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-11	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-12	06/14/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-12	06/14/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-13	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-13	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-14	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-14	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-15	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-15	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-16	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-16	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-17	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-18	06/24/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
					Cas No. Unit	7429-90-5 mg/kg	7440-43-9 mg/kg	18540-29-9 mg/kg	7440-47-3 mg/kg	7440-50-8 mg/kg	7439-89-6 mg/kg	7439-92-1 mg/kg	7439-97-6 mg/kg	7440-02-0 mg/kg	7440-22-4 mg/kg	7440-66-6 mg/kg	Metals_PP mg/kg	ARC-C12C24FO mg/kg	TPH mg/kg
BY-18	06/24/1993	N	SO	7.5-7.5FT	--	--	--	< 1 U	--	--	13	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	2.5-2.5FT	--	--	--	< 1 U	--	--	77	--	--	--	--	--	--	--	< 100 U
BY-19	06/24/1993	N	SO	4-4FT	--	--	--	< 1 U	--	--	200	--	--	--	--	--	--	--	< 100 U
BY-19	06/24/1993	N	SO	8-8FT	--	--	--	< 1 U	--	--	95	--	--	--	--	--	--	--	--
BY-20	06/24/1993	N	SO	3.5-3.5FT	--	--	--	< 1 U	--	--	13	--	--	--	--	--	--	--	< 100 U
BY-20	06/24/1993	N	SO	7.5-7.5FT	--	--	--	19	--	--	12	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	3.5-3.5FT	--	--	--	19	--	--	< 5 U	--	--	--	--	--	--	--	< 100 U
BY-21	06/24/1993	N	SO	5.5-5.5FT	--	--	--	17	--	--	110	--	--	--	--	--	--	--	< 100 U
BY-21	06/24/1993	N	SO	7.5-7.5FT	--	--	--	25	--	--	85	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	3.5-3.5FT	--	--	--	8.1	--	--	58	--	--	--	--	--	--	--	< 100 U
BY-22	06/24/1993	N	SO	5.5-5.5FT	--	--	--	110	--	--	63	--	--	--	--	--	--	--	< 100 U
BY-22	06/24/1993	N	SO	7.5-7.5FT	--	--	--	19	--	--	6.8	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	3.5-3.5FT	--	--	--	15	--	--	240	--	--	--	--	--	--	--	2000
BY-23	06/24/1993	N	SO	5.5-5.5FT	--	--	--	11	--	--	8.6	--	--	--	--	--	--	--	< 100 U
BY-23	06/24/1993	N	SO	7.5-7.5FT	--	--	--	9	--	--	87	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	3.5-3.5FT	--	--	--	19	--	--	2800	--	--	--	--	--	--	--	620
BY-24	06/24/1993	N	SO	5.5-5.5FT	--	--	--	7	--	--	17	--	--	--	--	--	--	--	260
BY-24	06/24/1993	N	SO	7.5-7.5FT	--	--	--	11	--	--	39	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	3.5-3.5FT	--	--	--	35	--	--	63	--	--	--	--	--	--	--	880
BY-25	06/24/1993	N	SO	5.5-5.5FT	--	--	--	7.9	--	--	24	--	--	--	--	--	--	--	< 100 U
BY-25	06/24/1993	N	SO	7.5-7.5FT	--	--	--	14	--	--	< 5 U	--	--	--	--	--	--	--	--
BY-26	06/24/1993	N	SO	3.5-3.5FT	--	--	--	6.8	--	--	21	--	--	--	--	--	--	--	< 100 U
BY-26	06/24/1993	N	SO	7.5-7.5FT	--	--	--	21	--	--	6.2	--	--	--	--	--	--	--	--
BY-27	06/24/1993	N	SO	3.5-3.5FT	--	--	--	15	--	--	120	--	--	--	--	--	--	--	220
BY-27	06/24/1993	N	SO	5.5-5.5FT	--	--	--	19	--	--	56	--	--	--	--	--	--	--	210
BY-28	06/24/1993	N	SO	3.5-3.5FT	--	--	--	4.3	--	--	31	--	--	--	--	--	--	--	< 100 U
BY-28	06/24/1993	N	SO	5.5-5.5FT	--	--	--	30	--	--	590	--	--	--	--	--	--	--	< 100 U
BY-28	06/24/1993	N	SO	7.5-7.5FT	--	--	--	16	--	--	71	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	3.5-3.5FT	--	--	--	20	--	--	420	--	--	--	--	--	--	--	< 100 U
BY-29	06/25/1993	N	SO	5.5-5.5FT	--	--	--	18	--	--	170	--	--	--	--	--	--	--	230
BY-29	06/25/1993	N	SO	7.5-7.5FT	--	--	--	10	--	--	6.6	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	3.5-3.5FT	--	--	--	9.5	--	--	35	--	--	--	--	--	--	--	< 100 U
BY-30	06/25/1993	N	SO	5.5-5.5FT	--	--	--	21	--	--	47	--	--	--	--	--	--	--	< 100 U
BY-30	06/25/1993	N	SO	7.5-7.5FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	--	--	--
BY-30	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	2000	--	--	--	--	--	--	--	--
BY-30	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	1000	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
BY-18	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-20	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-20	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-26	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-26	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-27	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-27	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
 Past Soil Data
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
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Chemical					Polychlorinated Biphenyl (PCBs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene
Cas No.					1336-36-3	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-18	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-20	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-20	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	3.5-3.5FT	0.4	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	3.5-3.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	3.5-3.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-26	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-26	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-27	06/24/1993	N	SO	3.5-3.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-27	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	3.5-3.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	09/21/1994	N	SO	1.5-1.5FT	0.33	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	09/21/1994	N	SO	3-3FT	0.48	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anth	Fluoranthene	Fluorene	Indeno(1,2,3-	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No.	Phthalate	218-01-9	racene	206-44-0	86-73-7	C,D)Pyrene	91-20-3	85-01-8	129-00-0	PAHs_other	PAHs_total	TSVOC	TOTVOCs
					Unit	117-81-7	mg/kg	53-70-3	mg/kg	mg/kg	193-39-5	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-18	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-19	06/24/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-20	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-20	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-21	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-22	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-23	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-24	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-25	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-26	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-26	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-27	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-27	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-28	06/24/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-29	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-30	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
					Cas No. Unit	7429-90-5 mg/kg	7440-43-9 mg/kg	18540-29-9 mg/kg	7440-47-3 mg/kg	7440-50-8 mg/kg	7439-89-6 mg/kg	7439-92-1 mg/kg	7439-97-6 mg/kg	7440-02-0 mg/kg	7440-22-4 mg/kg	7440-66-6 mg/kg	Metals_PP mg/kg	ARC-C12C24FO mg/kg	TPH mg/kg
BY-30	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	1100	--	--	--	--	--	--	--
BY-31	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	17	--	--	20	--	--	--	--	--	--	< 100 U
BY-31	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	23	--	--	9.8	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	1200	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	340	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	1100	--	--	--	--	--	--	--
BY-32	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	22	--	--	100	--	--	--	--	--	--	280
BY-32	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	--
BY-33	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	18	--	--	210	--	--	--	--	--	--	< 100 U
BY-33	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	17	--	--	22	--	--	--	--	--	--	< 100 U
BY-34	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	17	--	--	300	--	--	--	--	--	--	260
BY-34	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	9.8	--	--	44	--	--	--	--	--	--	< 100 U
BY-34	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	9.6	--	--	190	--	--	--	--	--	--	11000
BY-35	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	15	--	--	7.6	--	--	--	--	--	--	< 100 U
BY-35	06/25/1993	N	SO	9-9FT	--	--	--	--	7.8	--	--	6.5	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	20	--	--	43	--	--	--	--	--	--	310
BY-36	06/25/1993	N	SO	5-5FT	--	--	--	--	18	--	--	23	--	--	--	--	--	--	380
BY-36	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	12	--	--	4800	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	27	--	--	16	--	--	--	--	--	--	< 100 U
BY-37	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	37	--	--	8.3	--	--	--	--	--	--	< 100 U
BY-37	06/25/1993	N	SO	6.5-6.5FT	--	--	--	--	24	--	--	5.5	--	--	--	--	--	--	--
C	05/02/1995	N	SO	5.8-5.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRUM	04/26/1995	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F1	07/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F2	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F4	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F4	07/21/1994	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F5	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F6	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F7	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F8	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F9	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F10	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F11	07/21/1994	N	SO	3.2-3.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F12	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Chemical					TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
Cas No.					Range Organics	Range Organics	Range Organics	Range Organics	(Aroclor 1016)	(Aroclor 1221)	(Aroclor 1232)	(Aroclor 1242)	(Aroclor 1248)	(Aroclor 1254)	(Aroclor 1260)
Unit					DRO	EXT-DRO	GRO	MRO	12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-30	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-31	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-31	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-32	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-32	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-33	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-33	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--
C	05/02/1995	N	SO	5.8-5.8FT	15	--	--	39	--	--	--	--	--	--	--
DRUM	04/26/1995	N	SO		--	--	--	--	--	--	--	--	--	--	--
F1	07/21/1994	N	SO	1.5-1.5FT	--	--	--	136	--	--	--	--	--	--	--
F2	07/21/1994	N	SO	2.5-2.5FT	--	--	--	200 >	--	--	--	--	--	--	--
F4	07/21/1994	N	SO	2.5-2.5FT	--	--	--	200 >	--	--	--	--	--	--	--
F4	07/21/1994	N	SO	4-4FT	--	--	--	40	--	--	--	--	--	--	--
F5	07/21/1994	N	SO	2.5-2.5FT	--	--	--	< 100 U	--	--	--	--	--	--	--
F6	07/21/1994	N	SO	3-3FT	--	--	--	200 >	--	--	--	--	--	--	--
F7	07/21/1994	N	SO	2.5-2.5FT	--	--	--	200 >	--	--	--	--	--	--	--
F8	07/21/1994	N	SO	3-3FT	--	--	--	181	--	--	--	--	--	--	--
F9	07/21/1994	N	SO	2.5-2.5FT	--	--	--	200 >	--	--	--	--	--	--	--
F10	07/21/1994	N	SO	2.5-2.5FT	--	--	--	90	--	--	--	--	--	--	--
F11	07/21/1994	N	SO	3.2-3.2FT	--	--	--	< 100 U	--	--	--	--	--	--	--
F12	07/21/1994	N	SO	3-3FT	--	--	--	< 100 U	--	--	--	--	--	--	--

Appendix D
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Chemical					Polychlorinated Biphenyl (PCBs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene
Cas No.					1336-36-3	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-30	09/21/1994	N	SO	4.5-4.5FT	0.74	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	1.5-1.5FT	38.9	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	3-3FT	6.87	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	4.5-4.5FT	40.1	--	--	--	--	--	--	--	--	--	--	--	--
BY-32	06/25/1993	N	SO	3.5-3.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-32	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-33	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-33	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	3.5-3.5FT	0.4	--	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	3.5-3.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	3.5-3.5FT	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C	05/02/1995	N	SO	5.8-5.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
DRUM	04/26/1995	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
F1	07/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F2	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F4	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F4	07/21/1994	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F5	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F6	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F7	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F8	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F9	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F10	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F11	07/21/1994	N	SO	3.2-3.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
F12	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anth	Fluoranthene	Fluorene	Indeno(1,2,3-	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No. Unit	Phthalate 117-81-7 mg/kg	218-01-9 mg/kg	racene 53-70-3 mg/kg	206-44-0 mg/kg	86-73-7 mg/kg	C,D)Pyrene 193-39-5 mg/kg	91-20-3 mg/kg	85-01-8 mg/kg	129-00-0 mg/kg	PAHs_other mg/kg	PAHs_total mg/kg	TSVOC mg/kg	TOTVOCs mg/kg
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
BY-30	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-31	09/21/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-32	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-32	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-33	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-33	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-34	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-35	06/25/1993	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-36	06/25/1993	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
BY-37	06/25/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C	05/02/1995	N	SO	5.8-5.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DRUM	04/26/1995	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
F1	07/21/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F2	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F4	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F4	07/21/1994	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F5	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F6	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F7	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F8	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F9	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F10	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F11	07/21/1994	N	SO	3.2-3.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F12	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Chemical					Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
Cas No.					7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	Metals_PP	ARC-C12C24FO	TPH
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
F13	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F13	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F14	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F17	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-B(E)	07/21/1994	N	SO	3.4-3.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U
L-B(W)	07/21/1994	N	SO	3.2-3.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U
L-E	07/21/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	220
L-N(E)	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U
L-N(W)	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	200
L-S(C)	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120
L-S(E)	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	4200
L-S(W)	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U
L-W	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U
MW-9	10/19/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	3000	--	--	--	--	--	--	180
MW-9	10/19/1993	N	SO	8-8FT	--	--	--	--	--	--	140	--	--	--	--	--	--	630
MW-10	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	40	--	--	--	--	--	--	< 100 U
MW-10	10/19/1993	N	SO	8-8FT	--	--	--	--	--	--	< 10 U	--	--	--	--	--	--	< 100 U
MW-11	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	59	--	--	--	--	--	--	< 100 U
MW-11	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	< 10 U	--	--	--	--	--	--	< 100 U
MW-12	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	24	--	--	--	--	--	--	380
MW-12	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	< 10 U	--	--	--	--	--	--	< 100 U
MW-13	10/19/1993	N	SO	2-2FT	--	--	--	--	--	--	530	--	--	--	--	--	--	490
MW-13	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	440	--	--	--	--	--	--	410
MW-14	10/20/1993	N	SO	2-2FT	--	--	--	--	--	--	1200	--	--	--	--	--	--	650
MW-14	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	94	--	--	--	--	--	--	< 100 U
MW-15	10/20/1993	N	SO	3-3FT	--	--	--	--	--	--	1300	--	--	--	--	--	--	230
MW-15	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	1200	--	--	--	--	--	--	920
SIDEWALL	04/25/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
F13	07/21/1994	N	SO	2-2FT	--	--	--	--	200 >	--	--	--	--	--	--	--
F13	07/21/1994	N	SO	3-3FT	--	--	--	--	200 >	--	--	--	--	--	--	--
F14	07/21/1994	N	SO	3-3FT	--	--	--	--	200 >	--	--	--	--	--	--	--
F17	07/21/1994	N	SO	3-3FT	--	--	--	--	45	--	--	--	--	--	--	--
L-B(E)	07/21/1994	N	SO	3.4-3.4FT	--	--	--	--	--	--	--	--	--	--	--	--
L-B(W)	07/21/1994	N	SO	3.2-3.2FT	--	--	--	--	--	--	--	--	--	--	--	--
L-E	07/21/1994	N	SO	3.5-3.5FT	--	--	--	--	167	--	--	--	--	--	--	--
L-N(E)	07/21/1994	N	SO	3-3FT	--	--	--	--	200 >	--	--	--	--	--	--	--
L-N(W)	07/21/1994	N	SO	2-2FT	--	--	--	--	108	--	--	--	--	--	--	--
L-S(C)	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	125	--	--	--	--	--	--	--
L-S(E)	07/21/1994	N	SO	3-3FT	--	--	--	--	200 >	--	--	--	--	--	--	--
L-S(W)	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	< 100 U	--	--	--	--	--	--	--
L-W	07/21/1994	N	SO	2-2FT	--	--	--	--	67	--	--	--	--	--	--	--
MW-9	10/19/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/19/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/19/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	10/19/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	10/20/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/20/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	3-3FT	14000	--	--	--	100000	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthra	Benzo[a]pyrene	Benzo[b]fluora	Benzo[g,h,i]per	Benzo[k]fluoran	
					Cas No.	Biphenyl (PCBs)	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	cene	50-32-8	nthene	ylene	thene	
					Unit	1336-36-3	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
F13	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F13	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F14	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F17	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-B(E)	07/21/1994	N	SO	3.4-3.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-B(W)	07/21/1994	N	SO	3.2-3.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-E	07/21/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-N(E)	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-N(W)	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-S(C)	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-S(E)	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-S(W)	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-W	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/19/1993	N	SO	3.5-3.5FT	0.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/19/1993	N	SO	8-8FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/19/1993	N	SO	2.5-2.5FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/19/1993	N	SO	8-8FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/19/1993	N	SO	2.5-2.5FT	0.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/19/1993	N	SO	7-7FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/19/1993	N	SO	2.5-2.5FT	0.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/19/1993	N	SO	7-7FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	10/19/1993	N	SO	2-2FT	12.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	10/19/1993	N	SO	7-7FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	10/20/1993	N	SO	2-2FT	7.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	10/20/1993	N	SO	8-8FT	0.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/20/1993	N	SO	3-3FT	12.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/20/1993	N	SO	8-8FT	1.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3.5-3.5FT	0.257	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3-3FT	1.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3-3FT	12.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	5.5-5.5FT	0.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	1-1FT	2.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	2-2FT	0.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	2-2FT	57.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	2-2FT	3.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D)Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No. Unit	Phthalate 117-81-7 mg/kg	218-01-9 mg/kg	53-70-3 mg/kg	206-44-0 mg/kg	86-73-7 mg/kg	193-39-5 mg/kg	91-20-3 mg/kg	85-01-8 mg/kg	129-00-0 mg/kg	PAHs_other mg/kg	PAHs_total mg/kg	TSVOC mg/kg	TOTVOCs mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
F13	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F13	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F14	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F17	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-B(E)	07/21/1994	N	SO	3.4-3.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-B(W)	07/21/1994	N	SO	3.2-3.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-E	07/21/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-N(E)	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-N(W)	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-S(C)	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-S(E)	07/21/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-S(W)	07/21/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L-W	07/21/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/19/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/19/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/19/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/19/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	10/19/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	10/19/1993	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	10/20/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/20/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/25/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	04/26/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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					Chemical Cas No. Unit	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Priority Pollutant Metals Metals_PP mg/kg	Fuel Oil #6 C12- C24 ARC-C12C24FO mg/kg	Total Petroleum Hydrocarbons TPH mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SIDEWALL	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3.8-3.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	1.8-1.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Finishing Area																			
2_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3_FI	4/13/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7_FI	4/13/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10_FI	4/13/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11_FI	4/13/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
13_FI	4/13/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
14_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15_FI	4/13/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B_FI	04/14/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1_FI	11/4/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-4	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-5	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-6	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-7_FI	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-8_FI	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-8_FI	11/14/1994	N	SO	1.0-1.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9_FI	11/14/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9_FI	11/14/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	11/14/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	12/08/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	12/08/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-13_FI	12/8/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-14_FI	12/8/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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					TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	PCB-1016 (Aroclor 1016) 12674-11-2 mg/kg	PCB-1221 (Aroclor 1221) 11104-28-2 mg/kg	PCB-1232 (Aroclor 1232) 11141-16-5 mg/kg	PCB-1242 (Aroclor 1242) 53469-21-9 mg/kg	PCB-1248 (Aroclor 1248) 12672-29-6 mg/kg	PCB-1254 (Aroclor 1254) 11097-69-1 mg/kg	PCB-1260 (Aroclor 1260) 11096-82-5 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SIDEWALL	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3.8-3.8FT	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2-2FT	100	--	--	340	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3.1-3.1FT	71	--	--	47	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	1.8-1.8FT	320	--	--	2000	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3-3FT	270	--	--	420	--	--	--	--	--	--	--
Finishing Area															
2_FI	4/13/1995	N	SO	3.5-3.5FT	14	--	--	< 10 U	--	--	--	--	--	--	--
3_FI	4/13/1995	N	SO	5.5-5.5FT	19	--	--	< 10 U	--	--	--	--	--	--	--
7_FI	4/13/1995	N	SO	3.0-3.0FT	1400	--	--	500	--	--	--	--	--	--	--
10_FI	4/13/1995	N	SO	3.0-3.0FT	180	--	--	190	--	--	--	--	--	--	--
11_FI	4/13/1995	N	SO	2.5-2.5FT	3400	--	--	19000	--	--	--	--	--	--	--
12_FI	4/13/1995	N	SO	3.5-3.5FT	390	--	--	210	--	--	--	--	--	--	--
13_FI	4/13/1995	N	SO	2.5-2.5FT	470	--	--	250	--	--	--	--	--	--	--
14_FI	4/13/1995	N	SO	3.5-3.5FT	24	--	--	80	--	--	--	--	--	--	--
15_FI	4/13/1995	N	SO	2.0-2.0FT	180	--	--	94	--	--	--	--	--	--	--
B_FI	04/14/1995	N	SO	3-3FT	160	--	--	290	--	--	--	--	--	--	--
B-1_FI	11/4/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--
B-2_FI	11/4/1994	N	SO	3.0-3.0FT	6500	--	--	8100	--	--	--	--	--	--	--
B-3	11/14/1994	N	SO	3.0-3.0FT	< 10 U	--	--	52	--	--	--	--	--	--	--
B-4	11/14/1994	N	SO	3.0-3.0FT	< 10 U	--	--	32	--	--	--	--	--	--	--
B-5	11/14/1994	N	SO	3.0-3.0FT	< 10 U	--	--	25	--	--	--	--	--	--	--
B-6	11/14/1994	N	SO	3.0-3.0FT	510	--	--	360	--	--	--	--	--	--	--
B-7_FI	11/14/1994	N	SO	3.0-3.0FT	410	--	--	720	--	--	--	--	--	--	--
B-8_FI	11/14/1994	N	SO	3.0-3.0FT	930	--	--	520	--	--	--	--	--	--	--
B-8_FI	11/14/1994	N	SO	1.0-1.0FT	90000	--	--	120000	--	--	--	--	--	--	--
B-9_FI	11/14/1994	N	SO	4.5-4.5FT	1600	--	--	2500	--	--	--	--	--	--	--
B-9_FI	11/14/1994	N	SO	2.0-2.0FT	2100	--	--	5400	--	--	--	--	--	--	--
B-10	11/14/1994	N	SO	3.5-3.5FT	91	--	--	250	--	--	--	--	--	--	--
B-11	12/08/1994	N	SO	1.5-1.5FT	200	--	--	190	--	--	--	--	--	--	--
B-12	12/08/1994	N	SO	2.0-2.0FT	25	--	--	110	--	--	--	--	--	--	--
B-13_FI	12/8/1994	N	SO	2.5-2.5FT	170	--	--	220	--	--	--	--	--	--	--
B-14_FI	12/8/1994	N	SO	2.0-2.0FT	12	--	--	54	--	--	--	--	--	--	--

Appendix D
 Past Soil Data
 Data Summary Report
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					Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg	Benzo[k]fluoranthene 207-08-9 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SIDEWALL	05/02/1995	N	SO	3-3FT	8.75	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2.5-2.5FT	2.49	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2-2FT	1.04	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3.8-3.8FT	0.06	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	5.5-5.5FT	1.2	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	1.8-1.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Finishing Area																	
2_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
3_FI	4/13/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
7_FI	4/13/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
10_FI	4/13/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
11_FI	4/13/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
12_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
13_FI	4/13/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
14_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
15_FI	4/13/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B_FI	04/14/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1_FI	11/4/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2_FI	11/4/1994	N	SO	3.0-3.0FT	< 0.050	--	--	--	--	--	--	--	--	--	--	--	--
B-3	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-4	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-5	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-6	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-7_FI	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-8_FI	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-8_FI	11/14/1994	N	SO	1.0-1.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9_FI	11/14/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9_FI	11/14/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	11/14/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	12/08/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	12/08/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-13_FI	12/8/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-14_FI	12/8/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
SIDEWALL	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3.8-3.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	1.8-1.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SIDEWALL	05/02/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Finishing Area																		
2_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3_FI	4/13/1995	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7_FI	4/13/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10_FI	4/13/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11_FI	4/13/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
13_FI	4/13/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
14_FI	4/13/1995	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15_FI	4/13/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B_FI	04/14/1995	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-1_FI	11/4/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-2_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-4	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-5	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-6	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-7_FI	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-8_FI	11/14/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-8_FI	11/14/1994	N	SO	1.0-1.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9_FI	11/14/1994	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-9_FI	11/14/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-10	11/14/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-11	12/08/1994	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-12	12/08/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-13_FI	12/8/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-14_FI	12/8/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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					Chemical Cas No. Unit	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Priority Pollutant Metals Metals_PP mg/kg	Fuel Oil #6 C12- C24 ARC-C12C24FO mg/kg	Total Petroleum Hydrocarbons TPH mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C_FI	04/14/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D_FI	04/14/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-B_FI	10/24/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SW_FI	10/24/1994	N	SO	2.8-2.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F_FI	04/14/1995	N	SO	5.0-5.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G_FI	04/14/1995	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J_FI	04/14/1995	N	SO	14.5-14.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J-1_FI	04/20/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J-2_FI	04/20/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
K_FI	04/14/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L_FI	04/14/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
M_FI	04/14/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N_FI	4/14/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-B(2)_FI	11/03/1994	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-B_FI	10/24/1994	N	SO	6.0-6.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NE-SW(2)_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NE-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNE-SW(2)_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNE-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNNE-SW_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNW-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNW-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-SW(2)_FI	11/3/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-SW_FI	10/24/1994	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(E)-SW_FI	10/25/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(W)-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(W)-SW_FI	10/25/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-B(2)_FI	11/04/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-B_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SW_FI	11/04/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-5	11/04/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-6_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-7	12/08/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-9_FI	12/8/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-9A_FI	1/25/1995	N	SO	6.0-6.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-10_FI	12/8/1994	N	SO	4.4-4.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
C_FI	04/14/1995	N	SO	2.5-2.5FT		67	--	--	110	--	--	--	--	--	--	--
D_FI	04/14/1995	N	SO	3.0-3.0FT		29	--	--	97	--	--	--	--	--	--	--
E-B_FI	10/24/1994	N	SO	4.0-4.0FT		29	--	--	120	--	--	--	--	--	--	--
E-SW_FI	10/24/1994	N	SO	2.8-2.8FT		16	--	--	< 10 U	--	--	--	--	--	--	--
F_FI	04/14/1995	N	SO	5.0-5.0FT		11	--	--	32	--	--	--	--	--	--	--
G_FI	04/14/1995	N	SO	4.5-4.5FT		< 10 U	--	--	27	--	--	--	--	--	--	--
J_FI	04/14/1995	N	SO	14.5-14.5FT		15	--	--	33	--	--	--	--	--	--	--
J-1_FI	04/20/1995	N	SO	2.0-2.0FT		< 10 U	--	--	62	--	--	--	--	--	--	--
J-2_FI	04/20/1995	N	SO	3.0-3.0FT		180	--	--	240	--	--	--	--	--	--	--
K_FI	04/14/1995	N	SO	9.5-9.5FT		16	--	--	34	--	--	--	--	--	--	--
L_FI	04/14/1995	N	SO	7.5-7.5FT		< 10 U	--	--	27	--	--	--	--	--	--	--
M_FI	04/14/1995	N	SO	9.5-9.5FT		16	--	--	37	--	--	--	--	--	--	--
N_FI	4/14/1995	N	SO	2.0-2.0FT		< 10 U	--	--	25	--	--	--	--	--	--	--
N-B(2)_FI	11/03/1994	N	SO	6.5-6.5FT		11	--	--	30	--	--	--	--	--	--	--
N-B_FI	10/24/1994	N	SO	6.0-6.0FT		800	--	--	4000	--	--	--	--	--	--	--
NE-SW(2)_FI	11/4/1994	N	SO	3.0-3.0FT		42000	--	--	160000	--	--	--	--	--	--	--
NE-SW_FI	10/25/1994	N	SO	3.0-3.0FT		14000	--	--	6600	--	--	--	--	--	--	--
NNE-SW(2)_FI	11/4/1994	N	SO	3.0-3.0FT		6100	--	--	25000	--	--	--	--	--	--	--
NNE-SW_FI	10/25/1994	N	SO	3.0-3.0FT		16000	--	--	73000	--	--	--	--	--	--	--
NNNE-SW_FI	11/4/1994	N	SO	3.0-3.0FT		320	--	--	990	--	--	--	--	--	--	--
NNW-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT		17	--	--	< 10 U	--	--	--	--	--	--	--
NNW-SW_FI	10/25/1994	N	SO	3.0-3.0FT		20000	--	--	93000	--	--	--	--	--	--	--
N-SW(2)_FI	11/3/1994	N	SO	3.0-3.0FT		25	--	--	100	--	--	--	--	--	--	--
N-SW_FI	10/24/1994	N	SO	3.1-3.1FT		15	--	--	< 10 U	--	--	--	--	--	--	--
S(E)-SW_FI	10/25/1994	N	SO	2.0-2.0FT		25	--	--	52	--	--	--	--	--	--	--
S(W)-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT		18	--	--	61	--	--	--	--	--	--	--
S(W)-SW_FI	10/25/1994	N	SO	2.0-2.0FT		11000	--	--	35000	--	--	--	--	--	--	--
S-B(2)_FI	11/04/1994	N	SO	3.5-3.5FT		32	--	--	87	--	--	--	--	--	--	--
S-B_FI	10/25/1994	N	SO	3.0-3.0FT		2900	--	--	14000	--	--	--	--	--	--	--
S-SW_FI	11/04/1994	N	SO	2.5-2.5FT		63	--	--	230	--	--	--	--	--	--	--
TP-5	11/04/1994	N	SO	3.0-3.0FT		640	--	--	250	--	--	--	--	--	--	--
TP-6_FI	11/4/1994	N	SO	3.0-3.0FT		910	--	--	300	--	--	--	--	--	--	--
TP-7	12/08/1994	N	SO	3.0-3.0FT		130	--	--	380	--	--	--	--	--	--	--
TP-9_FI	12/8/1994	N	SO	4.0-4.0FT		7900	--	--	20000	--	--	--	--	--	--	--
TP-9A_FI	1/25/1995	N	SO	6.0-6.0FT		12	--	--	56	--	--	--	--	--	--	--
TP-10_FI	12/8/1994	N	SO	4.4-4.4FT		28000	--	--	85000	--	--	--	--	--	--	--

Appendix D
 Past Soil Data
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

Location	Date	Sample Type	Matrix	Depth Range	Chemical	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthra	Benzo[a]pyrene	Benzo[b]fluora	Benzo[g,h,i]per	Benzo[k]fluoran
					Cas No. Unit	Biphenyl (PCBs) 1336-36-3 mg/kg	71-43-2 mg/kg	108-88-3 mg/kg	100-41-4 mg/kg	1330-20-7 mg/kg	C-602X-T mg/kg	83-32-9 mg/kg	120-12-7 mg/kg	cene 56-55-3 mg/kg	50-32-8 mg/kg	nthene 205-99-2 mg/kg	ylene 191-24-2 mg/kg	thene 207-08-9 mg/kg
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C_FI	04/14/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D_FI	04/14/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-B_FI	10/24/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SW_FI	10/24/1994	N	SO	2.8-2.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F_FI	04/14/1995	N	SO	5.0-5.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G_FI	04/14/1995	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J_FI	04/14/1995	N	SO	14.5-14.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J-1_FI	04/20/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J-2_FI	04/20/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
K_FI	04/14/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L_FI	04/14/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
M_FI	04/14/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N_FI	4/14/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-B(2)_FI	11/03/1994	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-B_FI	10/24/1994	N	SO	6.0-6.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NE-SW(2)_FI	11/4/1994	N	SO	3.0-3.0FT	0.12	--	--	--	--	--	--	--	--	--	--	--	--	--
NE-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNE-SW(2)_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNE-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNNE-SW_FI	11/4/1994	N	SO	3.0-3.0FT	< 0.050	--	--	--	--	--	--	--	--	--	--	--	--	--
NNW-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNW-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-SW(2)_FI	11/3/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-SW_FI	10/24/1994	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(E)-SW_FI	10/25/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(W)-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(W)-SW_FI	10/25/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-B(2)_FI	11/04/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-B_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SW_FI	11/04/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-5	11/04/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-6_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-7	12/08/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-9_FI	12/8/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-9A_FI	1/25/1995	N	SO	6.0-6.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-10_FI	12/8/1994	N	SO	4.4-4.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anth	Fluoranthene	Fluorene	Indeno(1,2,3-	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No.	Phthalate	218-01-9	racene	206-44-0	86-73-7	C,D)Pyrene	91-20-3	85-01-8	129-00-0	PAHs_other	PAHs_total	TSVOC	TOTVOCs
					Unit	117-81-7	mg/kg	53-70-3	mg/kg	mg/kg	193-39-5	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C_FI	04/14/1995	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
D_FI	04/14/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-B_FI	10/24/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-SW_FI	10/24/1994	N	SO	2.8-2.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F_FI	04/14/1995	N	SO	5.0-5.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
G_FI	04/14/1995	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J_FI	04/14/1995	N	SO	14.5-14.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J-1_FI	04/20/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
J-2_FI	04/20/1995	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
K_FI	04/14/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
L_FI	04/14/1995	N	SO	7.5-7.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
M_FI	04/14/1995	N	SO	9.5-9.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N_FI	4/14/1995	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-B(2)_FI	11/03/1994	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-B_FI	10/24/1994	N	SO	6.0-6.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NE-SW(2)_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NE-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNE-SW(2)_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNE-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNNE-SW_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNW-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NNW-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-SW(2)_FI	11/3/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-SW_FI	10/24/1994	N	SO	3.1-3.1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(E)-SW_FI	10/25/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(W)-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S(W)-SW_FI	10/25/1994	N	SO	2.0-2.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-B(2)_FI	11/04/1994	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-B_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S-SW_FI	11/04/1994	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-5	11/04/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-6_FI	11/4/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-7	12/08/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-9_FI	12/8/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-9A_FI	1/25/1995	N	SO	6.0-6.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-10_FI	12/8/1994	N	SO	4.4-4.4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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Chemical					Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
Cas No.					7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	Metals_PP	ARC-C12C24FO	TPH
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TP-11_FI	12/8/1994	N	SO	3.6-3.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-11A_FI	1/25/1995	N	SO	7.0-7.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-12	12/08/1994	N	SO	4.8-4.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-13_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-14_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-15_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-16	12/08/1994	N	SO	3.9-3.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-17	12/08/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-B_FI	10/24/1994	N	SO	4.2-4.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silvichemical Area																		
C-9	06/22/1992	N	SO	0-1FT	460	--	--	16000	23	1500	--	--	--	--	320	--	--	--
C-9	06/22/1992	N	SO	1-1FT	10000	--	--	1100	35	23000	--	--	--	--	75	--	--	--
C-10	06/22/1992	N	SO	0-1FT	11000	--	--	1400	46	30000	--	--	--	--	320	--	--	--
C-10	06/22/1992	N	SO	1-1FT	12000	--	--	1400	44	35000	--	--	--	--	110	--	--	--
C-14	06/22/1992	N	SO	0-1FT	18000	--	--	200	32	32000	--	--	--	--	54	--	--	--
C-14	06/22/1992	N	SO	1-1FT	21000	--	--	31	26	20000	--	--	--	--	38	--	--	--
C-15	06/22/1992	N	SO	0-1FT	17000	--	--	6000	100	23000	--	--	--	--	540	--	--	--
C-15	06/22/1992	N	SO	1-1FT	11000	--	--	190	57	22000	--	--	--	--	60	--	--	--
C-20	08/27/1992	N	SO	0-1FT	--	--	< 0.05 U	14	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	1-1FT	--	--	< 0.05 U	12	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	0-1FT	--	--	< 0 U	4900	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	1-1FT	--	--	< 0 U	11000	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	3-3FT	--	--	< 0.05 U	1100	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	4-4FT	--	--	--	120	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	5.5-5.5FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	4-4FT	--	--	--	10	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	5.5-5.5FT	--	--	--	12	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	4-4FT	--	--	--	56	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	5.5-5.5FT	--	--	--	290	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	2.5-2.5FT	--	--	--	27	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	4-4FT	--	--	--	20	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	2.5-2.5FT	--	--	0.4	2060	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	4-4FT	--	--	0.3	3510	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	N	SO	2.5-2.5FT	--	--	0.1	2410	--	--	--	--	--	--	--	--	--	--

Appendix D
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					Chemical Cas No. Unit	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	PCB-1016 (Aroclor 1016) 12674-11-2 mg/kg	PCB-1221 (Aroclor 1221) 11104-28-2 mg/kg	PCB-1232 (Aroclor 1232) 11141-16-5 mg/kg	PCB-1242 (Aroclor 1242) 53469-21-9 mg/kg	PCB-1248 (Aroclor 1248) 12672-29-6 mg/kg	PCB-1254 (Aroclor 1254) 11097-69-1 mg/kg	PCB-1260 (Aroclor 1260) 11096-82-5 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TP-11_FI	12/8/1994	N	SO	3.6-3.6FT	23000	--	--	63000	--	--	--	--	--	--	--	--
TP-11A_FI	1/25/1995	N	SO	7.0-7.0FT	79	--	--	170	--	--	--	--	--	--	--	--
TP-12	12/08/1994	N	SO	4.8-4.8FT	32	--	--	110	--	--	--	--	--	--	--	--
TP-13_FI	12/8/1994	N	SO	3.0-3.0FT	16	--	--	39	--	--	--	--	--	--	--	--
TP-14_FI	12/8/1994	N	SO	3.0-3.0FT	480	--	--	240	--	--	--	--	--	--	--	--
TP-15_FI	12/8/1994	N	SO	3.0-3.0FT	3400	--	--	6300	--	--	--	--	--	--	--	--
TP-16	12/08/1994	N	SO	3.9-3.9FT	30	--	--	66	--	--	--	--	--	--	--	--
TP-17	12/08/1994	N	SO	4.0-4.0FT	37	--	--	51	--	--	--	--	--	--	--	--
W-B_FI	10/24/1994	N	SO	4.2-4.2FT	< 10 U	--	--	< 10 U	--	--	--	--	--	--	--	--
W-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	33	--	--	100	--	--	--	--	--	--	--	--
W-SW_FI	10/25/1994	N	SO	3.0-3.0FT	4700	--	--	24000	--	--	--	--	--	--	--	--
Silvichemical Area																
C-9	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-9	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--

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Chemical					Polychlorinated Biphenyl (PCBs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene
Cas No.					1336-36-3	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TP-11_FI	12/8/1994	N	SO	3.6-3.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-11A_FI	1/25/1995	N	SO	7.0-7.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-12	12/08/1994	N	SO	4.8-4.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-13_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-14_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-15_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-16	12/08/1994	N	SO	3.9-3.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-17	12/08/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-B_FI	10/24/1994	N	SO	4.2-4.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Silvichemical Area																	
C-9	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
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					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TP-11_FI	12/8/1994	N	SO	3.6-3.6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-11A_FI	1/25/1995	N	SO	7.0-7.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-12	12/08/1994	N	SO	4.8-4.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-13_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-14_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-15_FI	12/8/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-16	12/08/1994	N	SO	3.9-3.9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TP-17	12/08/1994	N	SO	4.0-4.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-B_FI	10/24/1994	N	SO	4.2-4.2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-SW(2)_FI	11/03/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-SW_FI	10/25/1994	N	SO	3.0-3.0FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silvichemical Area																		
C-9	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
					Cas No. Unit	7429-90-5 mg/kg	7440-43-9 mg/kg	18540-29-9 mg/kg	7440-47-3 mg/kg	7440-50-8 mg/kg	7439-89-6 mg/kg	7439-92-1 mg/kg	7439-97-6 mg/kg	7440-02-0 mg/kg	7440-22-4 mg/kg	7440-66-6 mg/kg	Metals_PP mg/kg	ARC-C12C24FO mg/kg	TPH mg/kg
C-42	06/15/1993	N	SO	4-4FT	--	--	0.2	424	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	2-2FT	--	--	--	41	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	4-4FT	--	--	--	< 10 U	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	2.5-2.5FT	--	--	0.1	64	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	4-4FT	--	--	0.5	2570	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	2-2FT	--	--	--	26	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	3.5-3.5FT	--	--	--	38	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	5-5FT	--	--	--	579	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	2.5-2.5FT	--	--	2.1	864	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	4-4FT	--	--	< 0.1 U	296	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	2-2FT	--	--	--	23	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	3.5-3.5FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	2.5-2.5FT	--	--	< 0.1 U	21	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	4-4FT	--	--	< 0.1 U	44	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	2.5-2.5FT	--	--	3.6	439	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	4-4FT	--	--	1.4	1830	--	--	--	--	--	--	--	--	--	--	--
C-47	06/16/1993	N	SO	2-2FT	--	--	--	731	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	2.5-2.5FT	--	--	0.3	112	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	4-4FT	--	--	< 0.1 U	163	--	--	--	--	--	--	--	--	--	--	--
C-49	06/15/1993	N	SO	2.5-2.5FT	--	--	--	39	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	3.5-3.5FT	--	--	--	57	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	5-5FT	--	--	--	65	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	2-2FT	--	--	--	42	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	3.5-3.5FT	--	--	--	97	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	2-2FT	--	--	--	61	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	3.5-3.5FT	--	--	--	2260	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	2.5-2.5FT	--	--	--	33	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4-4FT	--	--	--	32	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4.5-4.5FT	--	--	--	46	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	4-4FT	--	--	--	44	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	5.5-5.5FT	--	--	--	< 10 U	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	4-4FT	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	5.5-5.5FT	--	--	--	50	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/17/1993	N	SO	4-4FT	--	--	--	56	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/24/1993	N	SO	6.5-6.5FT	--	--	--	22	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/24/1993	N	SO	6.5-6.5FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
C-42	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-47	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/17/1993	N	SO	4-4FT	< 10 U	--	--	49	--	--	--	--	--	--	--	--
MW-6	06/24/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/24/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--

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Chemical					Polychlorinated Biphenyl (PCBs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene
Cas No.					1336-36-3	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-42	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-47	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/17/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/24/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/24/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anth	Fluoranthene	Fluorene	Indeno(1,2,3-	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No.	Phthalate	218-01-9	racene	206-44-0	86-73-7	C,D)Pyrene	91-20-3	85-01-8	129-00-0	PAHs_other	PAHs_total	TSVOC	TOTVOCs
					Unit	117-81-7	mg/kg	53-70-3	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-42	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-47	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/15/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/17/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/24/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/24/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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					Chemical Cas No. Unit	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Priority Pollutant Metals Metals_PP mg/kg	Fuel Oil #6 C12- C24 ARC-C12C24FO mg/kg	Total Petroleum Hydrocarbons TPH mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Log Yard Area																			
LS-4	08/24/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/24/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/31/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30
LS-6B	08/01/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	800
LS-6B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
LS-15B	08/01/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120
LS-15B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	100	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	140	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	200	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	130	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	110	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	170	--	--	--	--	--	--	--
LS-17D	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	7000	--	--	--	--	--	--	--
LS-17D	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	670	--	--	--	--	--	--	--
LS-17E	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	670	--	--	--	--	--	--	--
LS-17E	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	230	--	--	--	--	--	--	--
LS-17F	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	630	--	--	--	--	--	--	--
LS-17F	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	180	--	--	--	--	--	--	--
LS-17G	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	1300	--	--	--	--	--	--	--
LS-17G	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	1400	--	--	--	--	--	--	--
LS-17H	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	390	--	--	--	--	--	--	--
LS-17H	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	260	--	--	--	--	--	--	--
LS-17I	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	1400	--	--	--	--	--	--	--
LS-17I	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	180	--	--	--	--	--	--	--
LS-17J	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	2000	--	--	--	--	--	--	--
LS-17K	01/17/1995	N	SO	10-10FT	--	--	--	--	--	--	--	< 10 U	--	--	--	--	--	--	--
LS-17L	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	200	--	--	--	--	--	--	--
LS-17M	01/17/1995	N	SO	10-10FT	--	--	--	--	--	--	--	54	--	--	--	--	--	--	--
LS-17N	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	35	--	--	--	--	--	--	--
LS-17O	01/17/1995	N	SO	11.5-11.5FT	--	--	--	--	--	--	--	120	--	--	--	--	--	--	--
LS-17P	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	78	--	--	--	--	--	--	--
LS-17Q	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	110	--	--	--	--	--	--	--

Appendix D
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					TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	PCB-1016 (Aroclor 1016) 12674-11-2 mg/kg	PCB-1221 (Aroclor 1221) 11104-28-2 mg/kg	PCB-1232 (Aroclor 1232) 11141-16-5 mg/kg	PCB-1242 (Aroclor 1242) 53469-21-9 mg/kg	PCB-1248 (Aroclor 1248) 12672-29-6 mg/kg	PCB-1254 (Aroclor 1254) 11097-69-1 mg/kg	PCB-1260 (Aroclor 1260) 11096-82-5 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Log Yard Area															
LS-4	08/24/1994	N	SO	7-7FT	20	< 50 U	--	30	--	--	--	--	--	--	--
LS-4	08/24/1994	N	SO	7-7FT	--	--	--	360	--	--	--	--	--	--	--
LS-4	08/31/1994	N	SO	7-7FT	20	--	--	< 50 U	--	--	--	--	--	--	--
LS-6B	08/01/1994	N	SO	3-3FT	20	310	--	800	--	--	--	--	--	--	--
LS-6B	08/04/1994	N	SO		20	--	--	310	--	--	--	--	--	--	--
LS-14	08/24/1994	N	SO	10-10FT	20	50	--	10	--	--	--	--	--	--	--
LS-14	08/31/1994	N	SO	10-10FT	20	--	--	50	--	--	--	--	--	--	--
LS-15B	08/01/1994	N	SO	2-2FT	80	280	--	120	--	--	--	--	--	--	--
LS-15B	08/04/1994	N	SO		80	--	--	280	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--
LS-17D	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--
LS-17D	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17E	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
LS-17E	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17F	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
LS-17F	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17G	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
LS-17G	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17H	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
LS-17H	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17I	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
LS-17I	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17J	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--
LS-17K	01/17/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17L	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--
LS-17M	01/17/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
LS-17N	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--
LS-17O	01/17/1995	N	SO	11.5-11.5FT	--	--	--	--	--	--	--	--	--	--	--
LS-17P	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--
LS-17Q	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--

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					Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg	Benzo[k]fluoranthene 207-08-9 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Log Yard Area																	
LS-4	08/24/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/24/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/31/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-6B	08/01/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-6B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/01/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17D	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17D	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17E	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17E	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17F	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17F	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17G	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17G	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17H	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17H	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17I	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17I	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17J	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17K	01/17/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17L	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17M	01/17/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17N	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17O	01/17/1995	N	SO	11.5-11.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17P	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17Q	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
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					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Log Yard Area																		
LS-4	08/24/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-4	08/24/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/31/1994	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-6B	08/01/1994	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-6B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-14	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/01/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-15B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17D	09/09/1994	N	SO	9-9FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17D	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17E	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17E	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17F	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17F	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17G	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17G	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17H	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17H	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17I	09/09/1994	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17I	09/09/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17J	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17K	01/17/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17L	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17M	01/17/1995	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17N	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17O	01/17/1995	N	SO	11.5-11.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17P	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17Q	01/17/1995	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Past Soil Data
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
					Cas No. Unit	7429-90-5 mg/kg	7440-43-9 mg/kg	18540-29-9 mg/kg	7440-47-3 mg/kg	7440-50-8 mg/kg	7439-89-6 mg/kg	7439-92-1 mg/kg	7439-97-6 mg/kg	7440-02-0 mg/kg	7440-22-4 mg/kg	7440-66-6 mg/kg	Metals_PP mg/kg	ARC-C12C24FO mg/kg	TPH mg/kg
LS-17R	01/17/1995	N	SO	5-5FT	--	--	--	--	--	--	--	86	--	--	--	--	--	--	--
LS-17S	01/17/1995	N	SO	13-13FT	--	--	--	--	--	--	--	81	--	--	--	--	--	--	--
LS-17T	01/17/1995	N	SO	13-13FT	--	--	--	--	--	--	--	< 10 U	--	--	--	--	--	--	--
LS-17U	01/17/1995	N	SO	8-8FT	--	--	--	--	--	--	--	51	--	--	--	--	--	--	--
LS-17V	01/17/1995	N	SO	8-8FT	--	--	--	--	--	--	--	74	--	--	--	--	--	--	--
LS-18	08/24/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/31/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	270
LS-24	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	110
LS-27	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U
LS-36	08/24/1994	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-37	08/31/1994	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
LS-38B	08/01/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	320
LS-38B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/24/1994	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/31/1994	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	100
LS-49B	08/01/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	340
LS-55B	08/01/1994	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	120
LS-55B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	10-10FT	--	--	--	--	51	--	--	15	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	3-3FT	--	--	--	--	47	--	--	15	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	6.5-6.5FT	--	--	--	--	47	--	--	< 10 U	--	--	--	--	--	--	--
Gasoline and Maintenance Area																			
C-53	06/17/1993	N	SO	2.5-2.5FT	--	--	--	--	< 1 U	--	--	5.8	--	--	--	--	--	--	--
C-53	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	< 1 U	--	--	79	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	2.5-2.5FT	--	--	--	--	< 1 U	--	--	57	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	< 1 U	--	--	43	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	0.5-0.5FT	--	--	--	--	< 1 U	--	--	44	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	2.5-2.5FT	--	--	--	--	< 1 U	--	--	32	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	2.5-2.5FT	--	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	< 1 U	--	--	10	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	2.5-2.5FT	--	--	--	--	< 1 U	--	--	8	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	4-4FT	--	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	--
C-58	06/18/1993	N	SO	1.5-1.5FT	--	--	--	--	< 1 U	--	--	230	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
LS-17R	01/17/1995	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17S	01/17/1995	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17T	01/17/1995	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17U	01/17/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17V	01/17/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/24/1994	N	SO	2-2FT	100	290	--	270	--	--	--	--	--	--	--	--
LS-18	08/31/1994	N	SO	2-2FT	60	--	--	190	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10-10FT	40	190	--	110	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10-10FT	--	--	--	1200	--	--	--	--	--	--	--	--
LS-24	08/31/1994	N	SO	10-10FT	40	--	--	190	--	--	--	--	--	--	--	--
LS-27	08/24/1994	N	SO	10-10FT	30	< 50 U	--	< 10 U	--	--	--	--	--	--	--	--
LS-27	08/31/1994	N	SO	10-10FT	100	--	--	290	--	--	--	--	--	--	--	--
LS-36	08/24/1994	N	SO	13-13FT	40	90	--	10	--	--	--	--	--	--	--	--
LS-37	08/31/1994	N	SO	13-13FT	30	--	--	< 50 U	--	--	--	--	--	--	--	--
LS-38B	08/01/1994	N	SO	5-5FT	< 20 U	340	--	320	--	--	--	--	--	--	--	--
LS-38B	08/04/1994	N	SO		< 20 U	--	--	340	--	--	--	--	--	--	--	--
LS-41	08/24/1994	N	SO	6-6FT	60	190	--	100	--	--	--	--	--	--	--	--
LS-41	08/31/1994	N	SO	6-6FT	40	--	--	90	--	--	--	--	--	--	--	--
LS-49B	08/01/1994	N	SO	2-2FT	30	340	--	340	--	--	--	--	--	--	--	--
LS-55B	08/01/1994	N	SO	6.5-6.5FT	30	420	--	120	--	--	--	--	--	--	--	--
LS-55B	08/04/1994	N	SO		30	--	--	420	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--
Gasoline and Maintenance Area																
C-53	06/17/1993	N	SO	2.5-2.5FT	< 10 U	--	--	< 1 U	< 25 U	--	--	--	--	--	--	--
C-53	06/17/1993	N	SO	5.5-5.5FT	270	--	--	4.4	490	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	2.5-2.5FT	310	--	--	< 1 U	260	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	5.5-5.5FT	220	--	--	< 1 U	690	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	0.5-0.5FT	98	--	--	< 1 U	450	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	2.5-2.5FT	11	--	--	< 1 U	68	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	2.5-2.5FT	< 10 U	--	--	< 1 U	37	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	5.5-5.5FT	470	--	--	21	410	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	2.5-2.5FT	70	--	--	< 1 U	110	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	4-4FT	48	--	--	< 1 U	110	--	--	--	--	--	--	--
C-58	06/18/1993	N	SO	1.5-1.5FT	39	--	--	< 1 U	220	--	--	--	--	--	--	--

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Location	Date	Sample Type	Matrix	Depth Range	Chemical	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthra	Benzo[a]pyrene	Benzo[b]fluora	Benzo[g,h,i]per	Benzo[k]fluoran
					Cas No. Unit	Biphenyl (PCBs) 1336-36-3 mg/kg	71-43-2 mg/kg	108-88-3 mg/kg	100-41-4 mg/kg	1330-20-7 mg/kg	C-602X-T mg/kg	83-32-9 mg/kg	120-12-7 mg/kg	cene 56-55-3 mg/kg	50-32-8 mg/kg	nthene 205-99-2 mg/kg	ylene 191-24-2 mg/kg	thene 207-08-9 mg/kg
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
LS-17R	01/17/1995	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17S	01/17/1995	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17T	01/17/1995	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17U	01/17/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17V	01/17/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/24/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/31/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-36	08/24/1994	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-37	08/31/1994	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/01/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/24/1994	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/31/1994	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-49B	08/01/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-55B	08/01/1994	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-55B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gasoline and Maintenance Area																		
C-53	06/17/1993	N	SO	2.5-2.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-53	06/17/1993	N	SO	5.5-5.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	2.5-2.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	5.5-5.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	0.5-0.5FT	--	--	--	--	--	< 0 U	--	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	2.5-2.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	2.5-2.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	5.5-5.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	2.5-2.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	4-4FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--
C-58	06/18/1993	N	SO	1.5-1.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--	--

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					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
LS-17R	01/17/1995	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17S	01/17/1995	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17T	01/17/1995	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17U	01/17/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17V	01/17/1995	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/24/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-18	08/31/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-24	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/24/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-27	08/31/1994	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-36	08/24/1994	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-37	08/31/1994	N	SO	13-13FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/01/1994	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-38B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/24/1994	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-41	08/31/1994	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-49B	08/01/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-55B	08/01/1994	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
LS-55B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gasoline and Maintenance Area																		
C-53	06/17/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-53	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-58	06/18/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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Chemical					Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
Cas No.					7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	Metals_PP	ARC-C12C24FO	TPH
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-58	06/18/1993	N	SO	5.5-5.5FT	--	--	--	< 1 U	--	--	36	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	2-2FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	4-4FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	--
MW-3	06/17/1993	N	SO	3.5-3.5FT	--	--	--	< 1 U	--	--	450	--	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area																		
E-1	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-2	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-3	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-4	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-5	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	10-10FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	1-1FT	--	--	--	35	--	--	18	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	5-5FT	--	--	--	32	--	--	< 10 U	--	--	--	--	--	--	--
LB-2	10/15/1993	N	SO	10-10FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	--
LB-2	10/15/1993	N	SO	1-1FT	--	--	--	49	--	--	57	--	--	--	--	--	--	--
LB-2	10/15/1993	N	SO	5-5FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	1-1FT	--	--	--	55	--	--	48	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	3.5-3.5FT	--	--	--	36	--	--	19	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	6-6FT	--	--	--	30	--	--	16	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	17	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	19	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	11	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	24	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	24	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	530	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	1800	--
LB-4	10/15/1993	N	SO	1-1FT	--	--	--	23	--	--	< 10 U	--	--	--	--	--	--	--
LB-4	10/15/1993	N	SO	3.5-3.5FT	--	--	--	19	--	--	37	--	--	--	--	--	--	--
LB-4	10/15/1993	N	SO	6-6FT	--	--	--	24	--	--	< 10 U	--	--	--	--	--	--	--
LB-5	10/15/1993	N	SO	0.5-0.5FT	--	--	--	53	--	--	32	--	--	--	--	--	--	--
LB-5	10/15/1993	N	SO	2.5-2.5FT	--	--	--	17	--	--	42	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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Chemical					TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
Cas No.					Range Organics	Range Organics	Range Organics	Range Organics	(Aroclor 1016)	(Aroclor 1221)	(Aroclor 1232)	(Aroclor 1242)	(Aroclor 1248)	(Aroclor 1254)	(Aroclor 1260)
Unit					DRO	EXT-DRO	GRO	MRO	12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-58	06/18/1993	N	SO	5.5-5.5FT	10	--	< 1 U	49	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	2-2FT	16	--	< 1 U	40	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	4-4FT	< 10 U	--	< 1 U	33	--	--	--	--	--	--	--
MW-3	06/17/1993	N	SO	3.5-3.5FT	120	--	11	390	--	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area															
E-1	09/30/1996	N	SO		21.6	--	--	49.4	--	--	--	--	--	--	--
E-2	09/30/1996	N	SO		42.3	--	--	85.6	--	--	--	--	--	--	--
E-3	09/30/1996	N	SO		85.9	--	--	187	--	--	--	--	--	--	--
E-4	09/30/1996	N	SO		7230	--	--	1380	--	--	--	--	--	--	--
E-5	09/30/1996	N	SO		51.8	--	--	176	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	10-10FT	< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	1-1FT	< 25 U	--	--	29	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	5-5FT	< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
LB-2	10/15/1993	N	SO	10-10FT	< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
LB-2	10/15/1993	N	SO	1-1FT	100	--	--	500	--	--	--	--	--	--	--
LB-2	10/15/1993	N	SO	5-5FT	< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	1-1FT	--	7500	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	3.5-3.5FT	--	< 25 U	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	6-6FT	--	< 25 U	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	1-1FT	4500	--	--	7500	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	3.5-3.5FT	< 10 U	--	--	< 10 U	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	6-6FT	< 10 U	--	--	< 10 U	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	17	--	--	160	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	19	--	--	200	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	< 10 U	--	--	71	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	11	--	--	130	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	24	--	--	290	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	24	--	--	290	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	530	--	--	3300	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	1800	--	--	4800	--	--	--	--	--	--	--
LB-4	10/15/1993	N	SO	1-1FT	< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
LB-4	10/15/1993	N	SO	3.5-3.5FT	12	--	--	31	--	--	--	--	--	--	--
LB-4	10/15/1993	N	SO	6-6FT	12	--	--	< 10 U	--	--	--	--	--	--	--
LB-5	10/15/1993	N	SO	0.5-0.5FT	520	--	--	1100	--	--	--	--	--	--	--
LB-5	10/15/1993	N	SO	2.5-2.5FT	2400	--	--	3000	--	--	--	--	--	--	--

Appendix D
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Chemical					Polychlorinated Biphenyl (PCBs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene
Cas No.					1336-36-3	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-58	06/18/1993	N	SO	5.5-5.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	2-2FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	4-4FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	--
MW-3	06/17/1993	N	SO	3.5-3.5FT	--	0.18	0.12	0.074	0.85	1.224	--	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area																	
E-1	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
E-2	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
E-3	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
E-4	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
E-5	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	10-10FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-1	10/15/1993	N	SO	1-1FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-1	10/15/1993	N	SO	5-5FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-2	10/15/1993	N	SO	10-10FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-2	10/15/1993	N	SO	1-1FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-2	10/15/1993	N	SO	5-5FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-3	10/15/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	6-6FT	--	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	1-1FT	--	< 0.05 U	< 0.05 U	< 10 U	< 0.1 U	--	--	--	1.6	0.8	--	--	--
LB-3	10/15/1993	N	SO	3.5-3.5FT	--	< 0.05 U	< 0.05 U	< 10 U	< 0.1 U	--	--	--	< 0.1 U	< 0.1 U	--	--	--
LB-3	10/15/1993	N	SO	6-6FT	--	< 0.05 U	< 0.05 U	--	< 0.1 U	--	--	--	< 0.1 U	< 0.1 U	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-4	10/15/1993	N	SO	1-1FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-4	10/15/1993	N	SO	3.5-3.5FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-4	10/15/1993	N	SO	6-6FT	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
LB-5	10/15/1993	N	SO	0.5-0.5FT	--	< 0.05 U	< 0.05 U	< 10 U	< 0.1 U	--	--	--	< 0.1 U	< 0.1 U	--	--	--
LB-5	10/15/1993	N	SO	2.5-2.5FT	--	< 0.05 U	< 0.05 U	< 10 U	< 0.1 U	--	--	--	0.89	< 0.1 U	--	--	--

Appendix D
Past Soil Data
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					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-58	06/18/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	06/17/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area																		
E-1	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-2	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-3	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-4	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-5	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	10-10FT	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-1	10/15/1993	N	SO	1-1FT	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-1	10/15/1993	N	SO	5-5FT	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-2	10/15/1993	N	SO	10-10FT	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-2	10/15/1993	N	SO	1-1FT	--	<0 U	--	0.32	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-2	10/15/1993	N	SO	5-5FT	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-3	10/15/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	10/15/1993	N	SO	1-1FT	--	3.8	--	0.84	--	--	--	4.7	4.2	--	<0.1 U	--	--	--
LB-3	10/15/1993	N	SO	3.5-3.5FT	--	<0.1 U	--	<0.1 U	--	--	--	<0.1 U	<0.1 U	--	<0.1 U	--	--	--
LB-3	10/15/1993	N	SO	6-6FT	--	<0.1 U	--	<0.1 U	--	--	--	<0.1 U	<0.1 U	--	<0.1 U	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-3	09/09/1994	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-4	10/15/1993	N	SO	1-1FT	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-4	10/15/1993	N	SO	3.5-3.5FT	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-4	10/15/1993	N	SO	6-6FT	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U	--	--	--	--
LB-5	10/15/1993	N	SO	0.5-0.5FT	--	<0.1 U	--	<0.1 U	--	--	--	<0.1 U	<0.1 U	--	<0.1 U	--	--	--
LB-5	10/15/1993	N	SO	2.5-2.5FT	--	0.91	--	<0.1 U	--	--	--	<0.1 U	<0.1 U	--	<0.1 U	--	--	--

Appendix D
Past Soil Data
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					Chemical Cas No. Unit	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Priority Pollutant Metals Metals_PP mg/kg	Fuel Oil #6 C12- C24 ARC-C12C24FO mg/kg	Total Petroleum Hydrocarbons TPH mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
LB-5	10/15/1993	N	SO	6-6FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	2.5-2.5FT	--	--	--	17	--	--	42	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	32	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6in	--	--	--	53	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	0.5-0.5FT	--	--	--	26	--	--	780	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	4-4FT	--	--	--	52	--	--	15	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	6-6FT	--	--	--	20	--	--	< 10 U	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	4-4FT	--	--	--	52	--	--	15	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	780	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6FT	--	--	--	20	--	--	< 10 U	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	--	--	26	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	1-1FT	--	--	--	30	--	--	32	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	4-4FT	--	--	--	70	--	--	42	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	6-6FT	--	--	--	36	--	--	44	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	1-1FT	--	--	--	30	--	--	33	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	4-4FT	--	--	--	70	--	--	42	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	6-6FT	--	--	--	36	--	--	44	--	--	--	--	--	--	--	--
LB-7	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	1100	--	--
UC-1	10/18/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-1	10/18/1993	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-1	10/18/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-2	10/18/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-2	10/18/1993	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-2	10/18/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-3	10/18/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-3	10/18/1993	N	SO	7-7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-4	10/18/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-4	10/18/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-4	10/18/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-5	10/18/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-5	10/18/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-5	10/18/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-6	10/19/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-6	10/19/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Location	Date	Sample Type	Matrix	Depth Range	Chemical	TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
					Cas No. Unit	Range Organics DRO mg/kg	Range Organics EXT-DRO mg/kg	Range Organics GRO mg/kg	Range Organics MRO mg/kg	(Aroclor 1016) 12674-11-2 mg/kg	(Aroclor 1221) 11104-28-2 mg/kg	(Aroclor 1232) 11141-16-5 mg/kg	(Aroclor 1242) 53469-21-9 mg/kg	(Aroclor 1248) 12672-29-6 mg/kg	(Aroclor 1254) 11097-69-1 mg/kg	(Aroclor 1260) 11096-82-5 mg/kg
LB-5	10/15/1993	N	SO	6-6FT		13	--	--	35	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	2.5-2.5FT		2400	3000	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6in		520	1100	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6FT		13	35	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6in		--	--	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	0.5-0.5FT		870	--	--	1200	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	4-4FT		--	--	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	6-6FT		--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in		--	--	--	--	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
LB-6	10/18/1993	N	SO	4-4FT		--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in		870	1200	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6FT		--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in		--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	1-1FT		--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	4-4FT		--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	6-6FT		--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	1-1FT		--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	4-4FT		--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	6-6FT		--	--	--	--	--	--	--	--	--	--	--
LB-7	09/09/1994	N	SO	1-1FT		1100	--	--	6600	--	--	--	--	--	--	--
UC-1	10/18/1993	N	SO	1.5-1.5FT		22	--	--	49	--	--	--	--	--	--	--
UC-1	10/18/1993	N	SO	10-10FT		12	--	--	< 10 U	--	--	--	--	--	--	--
UC-1	10/18/1993	N	SO	6-6FT		< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
UC-2	10/18/1993	N	SO	1.5-1.5FT		10	--	--	30	--	--	--	--	--	--	--
UC-2	10/18/1993	N	SO	10-10FT		11	--	--	31	--	--	--	--	--	--	--
UC-2	10/18/1993	N	SO	6.5-6.5FT		< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
UC-3	10/18/1993	N	SO	2-2FT		81	--	--	260	--	--	--	--	--	--	--
UC-3	10/18/1993	N	SO	7-7FT		22	--	--	99	--	--	--	--	--	--	--
UC-4	10/18/1993	N	SO	2-2FT		< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
UC-4	10/18/1993	N	SO	4-4FT		< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
UC-4	10/18/1993	N	SO	6.5-6.5FT		< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
UC-5	10/18/1993	N	SO	2-2FT		1100	--	--	2700	--	--	--	--	--	--	--
UC-5	10/18/1993	N	SO	5-5FT		< 25 U	--	--	49	--	--	--	--	--	--	--
UC-5	10/18/1993	N	SO	6.5-6.5FT		570	--	--	2300	--	--	--	--	--	--	--
UC-6	10/19/1993	N	SO	3.5-3.5FT		11	--	--	< 10 U	--	--	--	--	--	--	--
UC-6	10/19/1993	N	SO	6.5-6.5FT		800	--	--	1700	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Location	Date	Sample Type	Matrix	Depth Range	Chemical	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthra	Benzo[a]pyrene	Benzo[b]fluora	Benzo[g,h,i]per	Benzo[k]fluoran
					Cas No. Unit	Biphenyl (PCBs) 1336-36-3 mg/kg	71-43-2 mg/kg	108-88-3 mg/kg	100-41-4 mg/kg	1330-20-7 mg/kg	C-602X-T mg/kg	83-32-9 mg/kg	120-12-7 mg/kg	cene 56-55-3 mg/kg	50-32-8 mg/kg	nthene 205-99-2 mg/kg	ylene 191-24-2 mg/kg	thene 207-08-9 mg/kg
LB-5	10/15/1993	N	SO	6-6FT	--	< 0.05 U	< 0.05 U	< 10 U	< 0.1 U	--	--	--	--	< 0.1 U	< 0.1 U	--	--	--
LB-5	10/18/1993	N	SO	2.5-2.5FT	--	< 0.5 U	< 0.5 U	< 0.5 U	< 0.1 U	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6in	--	< 0.5 U	< 0.5 U	< 0.5 U	< 0.1 U	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	0.5-0.5FT	< 0.1 U	0.11	0.28	< 10 U	0.69	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	< 0.5 U	0.28	0.11	0.69	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-1	10/18/1993	N	SO	1.5-1.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-1	10/18/1993	N	SO	10-10FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-1	10/18/1993	N	SO	6-6FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-2	10/18/1993	N	SO	1.5-1.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-2	10/18/1993	N	SO	10-10FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-2	10/18/1993	N	SO	6.5-6.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-3	10/18/1993	N	SO	2-2FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-3	10/18/1993	N	SO	7-7FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-4	10/18/1993	N	SO	2-2FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-4	10/18/1993	N	SO	4-4FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-4	10/18/1993	N	SO	6.5-6.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-5	10/18/1993	N	SO	2-2FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-5	10/18/1993	N	SO	5-5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	0.89	< 0 U	--	--	--
UC-5	10/18/1993	N	SO	6.5-6.5FT	--	< 0.05 U	< 0.05 U	0.06	0.5	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-6	10/19/1993	N	SO	3.5-3.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	< 0 U	--	--	--
UC-6	10/19/1993	N	SO	6.5-6.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	--	< 0 U	0.13	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Location	Date	Sample Type	Matrix	Depth Range	Chemical	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anth	Fluoranthene	Fluorene	Indeno(1,2,3-	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
					Cas No.	Phthalate	218-01-9	racene	206-44-0	86-73-7	C,D)Pyrene	91-20-3	85-01-8	129-00-0	PAHs_other	PAHs_total	TSVOC	TOTVOCs
					Unit	117-81-7	mg/kg	53-70-3	mg/kg	mg/kg	193-39-5	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Result	mg/kg	Result	mg/kg	Result	Result	mg/kg	Result	Result	Result	Result	Result	Result	Result
LB-5	10/15/1993	N	SO	6-6FT	--	<0.1 U	--	<0.1 U	--	--	--	--	<0.1 U	<0.1 U	--	<0.1 U	--	--
LB-5	10/18/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-5	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	0.5-0.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/15/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-6	10/18/1993	N	SO	6-6in	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/15/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	10/18/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LB-7	09/09/1994	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
UC-1	10/18/1993	N	SO	1.5-1.5FT	--	0.96	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-1	10/18/1993	N	SO	10-10FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-1	10/18/1993	N	SO	6-6FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-2	10/18/1993	N	SO	1.5-1.5FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-2	10/18/1993	N	SO	10-10FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-2	10/18/1993	N	SO	6.5-6.5FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-3	10/18/1993	N	SO	2-2FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-3	10/18/1993	N	SO	7-7FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-4	10/18/1993	N	SO	2-2FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-4	10/18/1993	N	SO	4-4FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-4	10/18/1993	N	SO	6.5-6.5FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-5	10/18/1993	N	SO	2-2FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-5	10/18/1993	N	SO	5-5FT	--	0.91	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-5	10/18/1993	N	SO	6.5-6.5FT	--	<0 U	--	2.3	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-6	10/19/1993	N	SO	3.5-3.5FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
UC-6	10/19/1993	N	SO	6.5-6.5FT	--	0.46	--	<0 U	--	--	--	--	2	--	<0 U	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
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Chemical					Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
Cas No.					7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	Metals_PP	ARC-C12C24FO	TPH
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
UC-6	10/19/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	10-10FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	3.5-3.5FT	--	--	--	12	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	8-8FT	--	--	--	12	--	--	--	--	--	--	--	--	--	--
Powerhouse Area																		
MW-8	06/17/1993	N	SO	5.5-5.5FT	--	--	--	10	--	--	--	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	2-2FT	--	--	--	94	--	--	--	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	3.5-3.5FT	--	--	--	91	--	--	--	--	--	--	--	--	--	--
PH-1	10/01/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-2	06/17/1993	N	SO	1-1FT	--	--	--	92	--	--	--	--	--	--	--	--	--	--
PH-2	06/17/1993	N	SO	4-4FT	--	--	--	31	--	--	--	--	--	--	--	--	--	--
PH-2	10/01/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-3	06/17/1993	N	SO	2-2FT	--	--	--	79	--	--	--	--	--	--	--	--	--	--
PH-3	10/01/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-4	06/17/1993	N	SO	1-1FT	--	--	--	62	--	--	--	--	--	--	--	--	--	--
PH-4	06/17/1993	N	SO	5.5-5.5FT	--	--	--	41	--	--	--	--	--	--	--	--	--	--
PH-4	10/01/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-5	06/17/1993	N	SO	1.5-1.5FT	--	--	--	630	--	--	--	--	--	--	--	--	--	--
PH-5	06/17/1993	N	SO	3.5-3.5FT	--	--	--	88	--	--	--	--	--	--	--	--	--	--
PH-5	10/01/1993	N	SO	2.5-2.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-6	06/17/1993	N	SO	3-3FT	--	--	--	43	--	--	--	--	--	--	--	--	--	--
PH-6	10/01/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-8	06/17/1993	N	SO	1.5-1.5FT	--	--	--	70	--	--	--	--	--	--	--	--	--	--
PH-8	06/17/1993	N	SO	4-4FT	--	--	--	32	--	--	--	--	--	--	--	--	--	--
PH-10	11/01/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-11	11/01/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-11	11/01/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-12	11/01/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-13	11/01/1993	N	SO	3.8-3.8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-14	11/01/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-15	11/01/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-15	11/01/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-16	11/01/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-16	11/01/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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Chemical					TPH as Diesel	Extended Diesel	TPH as Gasoline	TPH as Motor Oil	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260
Cas No.					Range Organics	Range Organics	Range Organics	Range Organics	(Aroclor 1016)	(Aroclor 1221)	(Aroclor 1232)	(Aroclor 1242)	(Aroclor 1248)	(Aroclor 1254)	(Aroclor 1260)
Unit					DRO	EXT-DRO	GRO	MRO	12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
UC-6	10/19/1993	N	SO	8-8FT	< 25 U	--	--	< 10 U	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--
Powerhouse Area															
MW-8	06/17/1993	N	SO	5.5-5.5FT	12	--	--	31	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	2-2FT	76000	--	--	76000	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	3.5-3.5FT	12000	--	--	15000	--	--	--	--	--	--	--
PH-1	10/01/1993	N	SO	3-3FT	25000	--	--	21000	--	--	--	--	--	--	--
PH-2	06/17/1993	N	SO	1-1FT	180	--	--	640	--	--	--	--	--	--	--
PH-2	06/17/1993	N	SO	4-4FT	14	--	--	39	--	--	--	--	--	--	--
PH-2	10/01/1993	N	SO	2-2FT	120	--	--	250	--	--	--	--	--	--	--
PH-3	06/17/1993	N	SO	2-2FT	150	--	--	440	--	--	--	--	--	--	--
PH-3	10/01/1993	N	SO	1.5-1.5FT	39	--	--	93	--	--	--	--	--	--	--
PH-4	06/17/1993	N	SO	1-1FT	44	--	--	82	--	--	--	--	--	--	--
PH-4	06/17/1993	N	SO	5.5-5.5FT	< 10 U	--	--	34	--	--	--	--	--	--	--
PH-4	10/01/1993	N	SO	2-2FT	26	--	--	37	--	--	--	--	--	--	--
PH-5	06/17/1993	N	SO	1.5-1.5FT	7100	--	--	11000	--	--	--	--	--	--	--
PH-5	06/17/1993	N	SO	3.5-3.5FT	6200	--	--	3800	--	--	--	--	--	--	--
PH-5	10/01/1993	N	SO	2.5-2.5FT	3200	--	--	2500	--	--	--	--	--	--	--
PH-6	06/17/1993	N	SO	3-3FT	200000	--	--	3100	--	--	--	--	--	--	--
PH-6	10/01/1993	N	SO	3.5-3.5FT	80000	--	--	44000	--	--	--	--	--	--	--
PH-8	06/17/1993	N	SO	1.5-1.5FT	150	--	--	400	--	--	--	--	--	--	--
PH-8	06/17/1993	N	SO	4-4FT	< 10 U	--	--	46	--	--	--	--	--	--	--
PH-10	11/01/1993	N	SO	3.5-3.5FT	56	--	--	180	--	--	--	--	--	--	--
PH-11	11/01/1993	N	SO	1.5-1.5FT	23000	--	--	30000	--	--	--	--	--	--	--
PH-11	11/01/1993	N	SO	3.5-3.5FT	29000	--	--	29000	--	--	--	--	--	--	--
PH-12	11/01/1993	N	SO	4-4FT	91000	--	--	21000	--	--	--	--	--	--	--
PH-13	11/01/1993	N	SO	3.8-3.8FT	250000	--	--	270000	--	--	--	--	--	--	--
PH-14	11/01/1993	N	SO	4-4FT	900	--	--	1600	--	--	--	--	--	--	--
PH-15	11/01/1993	N	SO	1-1FT	34	--	--	120	--	--	--	--	--	--	--
PH-15	11/01/1993	N	SO	3.5-3.5FT	11	--	--	52	--	--	--	--	--	--	--
PH-16	11/01/1993	N	SO	1-1FT	< 10 U	--	--	42	--	--	--	--	--	--	--
PH-16	11/01/1993	N	SO	3.5-3.5FT	< 10 U	--	--	27	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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Chemical					Polychlorinated Biphenyl (PCBs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene
Cas No.					1336-36-3	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
UC-6	10/19/1993	N	SO	8-8FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	--
WWW-1	10/20/1993	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Powerhouse Area																	
MW-8	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	10/01/1993	N	SO	3-3FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	37	28	< 0 U	< 0 U	< 0 U
PH-2	06/17/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-2	06/17/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-2	10/01/1993	N	SO	2-2FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U
PH-3	06/17/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-3	10/01/1993	N	SO	1.5-1.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U
PH-4	06/17/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-4	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-4	10/01/1993	N	SO	2-2FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U
PH-5	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-5	06/17/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-5	10/01/1993	N	SO	2.5-2.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	1.9	< 0 U	< 0 U	< 0 U	< 0 U
PH-6	06/17/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-6	10/01/1993	N	SO	3.5-3.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	0.251	--	< 0 U	< 0 U	37	< 0 U	< 0 U	< 0 U	< 0 U
PH-8	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-8	06/17/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-10	11/01/1993	N	SO	3.5-3.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	0.21	< 0 U	0.13	< 0 U	< 0 U
PH-11	11/01/1993	N	SO	1.5-1.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	33	< 0 U	20	< 0 U
PH-11	11/01/1993	N	SO	3.5-3.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U
PH-12	11/01/1993	N	SO	4-4FT	--	< 0.05 U	0.26	0.32	2.7	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U
PH-13	11/01/1993	N	SO	3.8-3.8FT	--	0.22	1	1.6	15	--	< 0 U	< 0 U	350	230	< 0 U	140	< 0 U
PH-14	11/01/1993	N	SO	4-4FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	0.84	< 0 U	< 0 U
PH-15	11/01/1993	N	SO	1-1FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U
PH-15	11/01/1993	N	SO	3.5-3.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U
PH-16	11/01/1993	N	SO	1-1FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U
PH-16	11/01/1993	N	SO	3.5-3.5FT	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U

Appendix D
Past Soil Data
Data Summary Report
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					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTOCS mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
UC-6	10/19/1993	N	SO	8-8FT	--	<0 U	--	<0 U	--	--	--	--	<0 U	--	<0 U	--	--	--
WWW-1	10/20/1993	N	SO	10-10FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WWW-1	10/20/1993	N	SO	8-8FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Powerhouse Area																		
MW-8	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	10/01/1993	N	SO	3-3FT	--	82	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	32	86	--	--	--	--
PH-2	06/17/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-2	06/17/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-2	10/01/1993	N	SO	2-2FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-3	06/17/1993	N	SO	2-2FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-3	10/01/1993	N	SO	1.5-1.5FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-4	06/17/1993	N	SO	1-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-4	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-4	10/01/1993	N	SO	2-2FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-5	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-5	06/17/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-5	10/01/1993	N	SO	2.5-2.5FT	--	2.9	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	2.3	--	--	--	--
PH-6	06/17/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-6	10/01/1993	N	SO	3.5-3.5FT	--	73	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	100	87	--	--	--	--
PH-8	06/17/1993	N	SO	1.5-1.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-8	06/17/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PH-10	11/01/1993	N	SO	3.5-3.5FT	--	<0 U	<0 U	0.57	<0 U	<0 U	<0 U	<0 U	<0 U	0.33	--	--	--	--
PH-11	11/01/1993	N	SO	1.5-1.5FT	--	32	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	95	--	--	--	--
PH-11	11/01/1993	N	SO	3.5-3.5FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-12	11/01/1993	N	SO	4-4FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-13	11/01/1993	N	SO	3.8-3.8FT	--	370	<0 U	140	170	<0 U	<0 U	<0 U	990	740	--	--	--	--
PH-14	11/01/1993	N	SO	4-4FT	--	3.1	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-15	11/01/1993	N	SO	1-1FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-15	11/01/1993	N	SO	3.5-3.5FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-16	11/01/1993	N	SO	1-1FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--
PH-16	11/01/1993	N	SO	3.5-3.5FT	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
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					Chemical Cas No. Unit	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Priority Pollutant Metals Metals_PP mg/kg	Fuel Oil #6 C12- C24 ARC-C12C24FO mg/kg	Total Petroleum Hydrocarbons TPH mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Wood Chip Storage Area																			
CHIP PILE	08/01/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CHIP PILE	08/03/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	480
CHIP PILE	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	4-4FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	5.5-5.5FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	4-4FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	5.5-5.5FT	--	--	--	20	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	4-4FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	5.5-5.5FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-4	06/22/1993	N	SO	5.5-5.5FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	4.5-4.5FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	6-6FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-6	06/23/1993	N	SO	4.5-4.5FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-7	06/23/1993	N	SO	5-5FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
CS-8	06/23/1993	N	SO	6-6FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
Warehouse Area																			
MW-5	06/23/1993	N	SO	4.5-4.5FT	--	--	--	24	--	--	< 5 U	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	3.5-3.5FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	5.5-5.5FT	--	--	--	19	--	--	< 5 U	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	3.5-3.5FT	--	--	--	21	--	--	5.7	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	5-5FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	3-3FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	4.5-4.5FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	3-3FT	--	--	--	13	--	--	< 5 U	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	4.5-4.5FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	4-4FT	--	--	--	20	--	--	< 5 U	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	5.5-5.5FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	3-3FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	4.5-4.5FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	3-3FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	4.5-4.5FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	4-4FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	5.5-5.5FT	--	--	--	62	--	--	< 5 U	--	--	--	--	--	--	--	--
W-9	06/23/1993	N	SO	3-3FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	--	--	--
W-9	08/02/1995	N	SO	5.7-5.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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					TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	PCB-1016 (Aroclor 1016) 12674-11-2 mg/kg	PCB-1221 (Aroclor 1221) 11104-28-2 mg/kg	PCB-1232 (Aroclor 1232) 11141-16-5 mg/kg	PCB-1242 (Aroclor 1242) 53469-21-9 mg/kg	PCB-1248 (Aroclor 1248) 12672-29-6 mg/kg	PCB-1254 (Aroclor 1254) 11097-69-1 mg/kg	PCB-1260 (Aroclor 1260) 11096-82-5 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Wood Chip Storage Area															
CHIP PILE	08/01/1994	N	SO		480	1200	--	480	--	--	--	--	--	--	--
CHIP PILE	08/03/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--
CHIP PILE	08/04/1994	N	SO		480	--	--	1200	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	4-4FT	< 10 U	--	--	32	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	5.5-5.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	4-4FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	5.5-5.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	4-4FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	5.5-5.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-4	06/22/1993	N	SO	5.5-5.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	4.5-4.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	6-6FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-6	06/23/1993	N	SO	4.5-4.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
CS-7	06/23/1993	N	SO	5-5FT	14	--	--	< 25 U	--	--	--	--	--	--	--
CS-8	06/23/1993	N	SO	6-6FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
Warehouse Area															
MW-5	06/23/1993	N	SO	4.5-4.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	3.5-3.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	5.5-5.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	3.5-3.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	3-3FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	3-3FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	4-4FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	3-3FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	4.5-4.5FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	3-3FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	4-4FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--
W-9	06/23/1993	N	SO	3-3FT	< 10 U	--	--	< 25 U	--	--	--	--	--	--	--
W-9	08/02/1995	N	SO	5.7-5.7FT	--	--	--	25000	--	--	--	--	--	--	--

Appendix D
 Past Soil Data
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
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					Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg	Benzo[k]fluoranthene 207-08-9 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Wood Chip Storage Area																	
CHIP PILE	08/01/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
CHIP PILE	08/03/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
CHIP PILE	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-4	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-6	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-7	06/23/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-8	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Warehouse Area																	
MW-5	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	3-3FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	4.5-4.5FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	4-4FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-9	06/23/1993	N	SO	3-3FT	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	--
W-9	08/02/1995	N	SO	5.7-5.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
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					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Wood Chip Storage Area																		
CHIP PILE	08/01/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	< 1 U	--	--
CHIP PILE	08/03/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
CHIP PILE	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-4	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-6	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-7	06/23/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-8	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Warehouse Area																		
MW-5	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	5-5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-9	06/23/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-9	08/02/1995	N	SO	5.7-5.7FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

					Chemical Cas No. Unit	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Priority Pollutant Metals Metals_PP mg/kg	Fuel Oil #6 C12- C24 ARC-C12C24FO mg/kg	Total Petroleum Hydrocarbons TPH mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hog Fuel Storage Area																			
HF-1	06/23/1993	N	SO	3.5-3.5FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-1	06/23/1993	N	SO	5.5-5.5FT	--	--	--	33	--	--	7.9	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	4-4FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	5.5-5.5FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	4-4FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	5.5-5.5FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-4	06/23/1993	N	SO	5.5-5.5FT	--	--	--	26	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-5	06/23/1993	N	SO	5.5-5.5FT	--	--	--	59	--	--	150	--	--	--	--	--	--	--	--
HF-6	06/23/1993	N	SO	4.5-4.5FT	--	--	--	7.3	--	--	6.5	--	--	--	--	--	--	--	--
HF-7	06/23/1993	N	SO	6.5-6.5FT	--	--	--	16	--	--	64	--	--	--	--	--	--	--	--
HF-8	06/23/1993	N	SO	4-4FT	--	--	--	7.6	--	--	15	--	--	--	--	--	--	--	--
HF-9	06/23/1993	N	SO	4.5-4.5FT	--	--	--	56	--	--	140	--	--	--	--	--	--	--	--
HF-10	06/23/1993	N	SO	6-6FT	--	--	--	50	--	--	78	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	3-3FT	--	--	--	4.4	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	4.5-4.5FT	--	--	--	30	--	--	21	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	6-6FT	--	--	--	140	--	--	150	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	4.5-4.5FT	--	--	--	23	--	--	7	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	6-6FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	4-4FT	--	--	--	27	--	--	34	--	--	--	--	--	--	--	< 100 U
HF-14	06/23/1993	N	SO	5.5-5.5FT	--	--	--	54	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	4-4FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	--	--	< 100 U
HF-15	06/23/1993	N	SO	5.5-5.5FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	< 100 U
HF-16	06/23/1993	N	SO	5.5-5.5FT	--	--	--	19	--	--	< 5 U	--	--	--	--	--	--	--	--
Shoreline Area																			
MW-2	06/17/1993	N	SO	10.5-10.5FT	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/17/1993	N	SO	5.5-5.5FT	--	--	--	23	--	--	--	--	--	--	--	--	--	--	--
Rennie Island																			
RS-1	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	10	--	--	--	--	--	--	--	--	--	--	--
RS-2	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	15	--	--	--	--	--	--	--	--	--	--	--
RS-3	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	11	--	--	--	--	--	--	--	--	--	--	--
RS-4	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	7.2	--	--	--	--	--	--	--	--	--	--	--
RS-5	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	23	--	--	--	--	--	--	--	--	--	--	--
RS-6	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	31	--	--	--	--	--	--	--	--	--	--	--
RW-1	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	18	--	--	--	--	--	--	--	--	--	--	--
RW-2	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	14	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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					Chemical Cas No. Unit	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	PCB-1016 (Aroclor 1016) 12674-11-2 mg/kg	PCB-1221 (Aroclor 1221) 11104-28-2 mg/kg	PCB-1232 (Aroclor 1232) 11141-16-5 mg/kg	PCB-1242 (Aroclor 1242) 53469-21-9 mg/kg	PCB-1248 (Aroclor 1248) 12672-29-6 mg/kg	PCB-1254 (Aroclor 1254) 11097-69-1 mg/kg	PCB-1260 (Aroclor 1260) 11096-82-5 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hog Fuel Storage Area																
HF-1	06/23/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-1	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-4	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-5	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-6	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-7	06/23/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-8	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-9	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-10	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-16	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--
Shoreline Area																
MW-2	06/17/1993	N	SO	10.5-10.5FT	17	--	--	60	--	--	--	--	--	--	--	--
MW-2	06/17/1993	N	SO	5.5-5.5FT	120	--	--	140	--	--	--	--	--	--	--	--
Rennie Island																
RS-1	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-2	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-3	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-4	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-5	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-6	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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					Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg	Benzo[k]fluoranthene 207-08-9 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hog Fuel Storage Area																	
HF-1	06/23/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-1	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-4	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-5	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-6	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-7	06/23/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-8	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-9	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-10	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-16	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Shoreline Area																	
MW-2	06/17/1993	N	SO	10.5-10.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Rennie Island																	
RS-1	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-2	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-3	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-4	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-5	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-6	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
 Past Soil Data
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
 Rayonier A.M. Properties, LLC
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					Chemical Cas No. Unit	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h]anth racene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3- C,D)Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg	Total PAHs PAHs_total mg/kg	Total SVOCs TSVOC mg/kg	Total VOCs TOTVOCs mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Hog Fuel Storage Area																		
HF-1	06/23/1993	N	SO	3.5-3.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-1	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-4	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-5	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-6	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-7	06/23/1993	N	SO	6.5-6.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-8	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-9	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-10	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	3-3FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	4.5-4.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	6-6FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	4-4FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-16	06/23/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Shoreline Area																		
MW-2	06/17/1993	N	SO	10.5-10.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/17/1993	N	SO	5.5-5.5FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Rennie Island																		
RS-1	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-2	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-3	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-4	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	< 0 U	--
RS-5	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-6	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	< 0 U	< 0 U
RW-2	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	< 0 U	< 0 U

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Chemical					Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Priority Pollutant Metals	Fuel Oil #6 C12-C24	Total Petroleum Hydrocarbons
Cas No.					7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	Metals_PP	ARC-C12C24FO	TPH
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
RW-3	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	23	--	--	--	--	--	--	--	--	--	--
RW-4	08/25/1992	N	SO	0-1FT	--	--	< 0.05 U	12	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Chemical Cas No. Unit					TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	PCB-1016 (Aroclor 1016) 12674-11-2 mg/kg	PCB-1221 (Aroclor 1221) 11104-28-2 mg/kg	PCB-1232 (Aroclor 1232) 11141-16-5 mg/kg	PCB-1242 (Aroclor 1242) 53469-21-9 mg/kg	PCB-1248 (Aroclor 1248) 12672-29-6 mg/kg	PCB-1254 (Aroclor 1254) 11097-69-1 mg/kg	PCB-1260 (Aroclor 1260) 11096-82-5 mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
RW-3	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--
RW-4	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
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Chemical					Polychlorinated Biphenyl (PCBs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene
Cas No.					1336-36-3	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
RW-3	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-4	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Chemical					Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]anth	Fluoranthene	Fluorene	Indeno(1,2,3-	Naphthalene	Phenanthrene	Pyrene	All other PAHs	Total PAHs	Total SVOCs	Total VOCs
Cas No.					Phthalate	218-01-9	racene	206-44-0	86-73-7	C,D)Pyrene	91-20-3	85-01-8	129-00-0	PAHs_other	PAHs_total	TSVOC	TOTVOCs
Unit					117-81-7	mg/kg	53-70-3	mg/kg	mg/kg	193-39-5	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Location	Date	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
RW-3	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	<0 U	<0 U
RW-4	08/25/1992	N	SO	0-1FT	--	--	--	--	--	--	--	--	--	--	--	<0 U	<0 U

Appendix D
Past Soil Data
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Notes:

- This table includes all past soil data collected, including pre- and post-interim action data, where applicable.

-- = constituent not analyzed for

BTEX = benzene, toluene, ethylbenzene, and xylenes

FT = foot/feet

mg/kg = milligram per kilogram

N = normal

PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

SO = soil

SVOC = semi-volatile organic compound

VOC = volatile organic compound



Appendix E Past Groundwater Data and Screening

Appendix E
Past Groundwater Data and Screening
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

				Aluminum	Calcium	Chromium, hexavalent	Chromium, total	Chromium, total	Lead	Magnesium	Sodium	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	TPH as Gasoline Range Organics	TPH as Motor Oil Range Organics
				7429-90-5	7440-70-2	18540-29-9	7440-47-3	7440-47-3	7439-92-1	7439-95-4	7440-23-5	TPH	DRO	GRO	MRO
				N	N	N	D	T	T	N	N	N	N	N	N
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
July 2024 MTCA Method A Screening Level				-	-	-	-	50	15	-	-	500	500	1000/800 ¹	500
July 2024 MTCA Method B Noncancer Screening Level				16000	-	48	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	0.046	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Boneyard Area															
MW-9	11/03/1993	N	WG	--	--	--	3.3	110	150	--	--	3300	--	--	--
MW-9	12/29/1993	N	WG	--	--	--	--	--	22	--	--	< 1000 U	--	--	--
MW-9	04/27/1994	N	WG	--	--	--	--	--	120	--	--	2500	--	--	--
MW-9	06/23/1994	N	WG	--	--	--	--	--	3.8	--	--	< 1000 U	--	--	--
MW-9	09/29/1994	N	WG	--	--	--	--	--	130	--	--	2200	680	--	4700
MW-9	12/12/1994	N	WG	--	--	--	--	--	37	--	--	--	< 250 U	--	980
MW-9	03/22/1995	N	WG	--	--	--	--	--	55	--	--	--	320	--	1300
MW-9	06/14/1995	N	WG	--	--	--	--	--	30	--	--	--	330	--	1200
MW-9	09/26/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	< 750 U
MW-9	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-10	11/03/1993	N	WG	--	--	--	< 3 U	12	9.3	--	--	< 1000 U	--	--	--
MW-10	04/27/1994	N	WG	--	--	--	--	--	2.7	--	--	< 1000 U	--	--	--
MW-10	06/23/1994	N	WG	--	--	--	--	--	9.6	--	--	< 1000 U	--	--	--
MW-10	09/29/1994	N	WG	--	--	--	--	--	89	--	--	--	740	--	2700
MW-10	12/12/1994	N	WG	--	--	--	--	--	87	--	--	--	500	--	< 750 U
MW-10	03/22/1995	N	WG	--	--	--	--	--	73	--	--	--	1600	--	2600
MW-10	06/14/1995	N	WG	--	--	--	--	--	16	--	--	--	< 250 U	--	< 750 U
MW-10	09/26/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	< 750 U
MW-10	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	820	--	510
MW-11	11/03/1993	N	WG	--	--	--	4.5	56	40	--	--	< 1000 U	--	--	--
MW-11	04/27/1994	N	WG	--	--	--	--	--	4	--	--	< 1000 U	--	--	--
MW-11	06/23/1994	N	WG	--	--	--	--	--	11	--	--	< 1000 U	--	--	--
MW-11	09/29/1994	N	WG	--	--	--	--	--	5	--	--	--	400	--	2000
MW-11	12/12/1994	N	WG	--	--	--	--	--	32	--	--	--	< 250 U	--	830
MW-11	03/22/1995	N	WG	--	--	--	--	--	37	--	--	--	< 250 U	--	< 750 U
MW-11	06/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-11	09/26/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	< 750 U
MW-11	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-12	11/03/1993	N	WG	--	--	--	3.5	31	9.7	--	--	< 1000 U	--	--	--
MW-12	04/27/1994	N	WG	--	--	--	--	--	20	--	--	< 1000 U	--	--	--
MW-12	06/23/1994	N	WG	--	--	--	--	--	10	--	--	< 1000 U	--	--	--
MW-12	09/29/1994	N	WG	--	--	--	--	--	10	--	--	--	270	--	1200
MW-12	12/12/1994	N	WG	--	--	--	--	--	8	--	--	--	< 250 U	--	< 750 U

Appendix E
Past Groundwater Data and Screening
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

				Chemical	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total PAHs	PCBs	Acetone	Ammonia	Benzyl Alcohol
				Cas No.	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	PAHs_total	1336-36-3	67-64-1	7664-41-7	100-51-6
				Fraction	N	N	N	N	N	T	T	N	N	N
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				July 2024 MTCA Method A Screening Level	na	na	na	na	-	-	na	-	-	-
				July 2024 MTCA Method B Noncancer Screening Level	32	640	800	1600	-	-	-	7200	-	1600
				July 2024 MTCA Method B Cancer Screening Level	0.8	-	-	-	-	-	0.022	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Boneyard Area														
MW-9	11/03/1993	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-9	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-9	04/27/1994	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-9	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-9	09/29/1994	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-9	12/12/1994	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-9	03/22/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-9	06/14/1995	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-9	09/26/1995	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-9	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/03/1993	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-10	04/27/1994	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-10	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-10	09/29/1994	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-10	12/12/1994	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-10	03/22/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-10	06/14/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-10	09/26/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-10	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/03/1993	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-11	04/27/1994	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-11	06/23/1994	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-11	09/29/1994	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-11	12/12/1994	N	WG	--	--	--	--	--	--	< 0.28 U	< 0.1 U	--	--	--
MW-11	03/22/1995	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-11	06/14/1995	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-11	09/26/1995	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-11	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/03/1993	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-12	04/27/1994	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-12	06/23/1994	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-12	09/29/1994	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-12	12/12/1994	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--

Appendix E
Past Groundwater Data and Screening
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

				2-Butanone 78-93-3 N µg/L	Chloromethane 74-87-3 N µg/L	1,1,1- Trichloroethane 71-55-6 N µg/L	Chloroform 67-66-3 N µg/L	Other VOCs VOCs_other N µg/L	4-Chloro-3- Methylphenol 59-50-7 N µg/L	Phenol 108-95-2 N µg/L	Benzoic acid 65-85-0 N µg/L	Benzyl Butyl Phthalate 85-68-7 N µg/L	Bis(2- Ethylhexyl) Phthalate 117-81-7 N µg/L	Diethyl Phthalate 84-66-2 N µg/L	Total SVOCs TSVOC N µg/L	
July 2024 MTCA Method A Screening Level				-	-	na	-	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Screening Level				-	-	16000	80	-	-	4800	64000	3200	320	13000	-	
July 2024 MTCA Method B Cancer Screening Level				-	-	-	1.4	-	-	-	-	46	6.3	-	-	
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Boneyard Area																
MW-9	11/03/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	12/12/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	09/26/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-9	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	11/03/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/12/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/26/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-10	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	11/03/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	12/12/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	09/26/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-11	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	11/03/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	
MW-12	12/12/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	

Appendix E
Past Groundwater Data and Screening
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

				Aluminum	Calcium	Chromium, hexavalent	Chromium, total	Chromium, total	Lead	Magnesium	Sodium	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	TPH as Gasoline Range Organics	TPH as Motor Oil Range Organics
				7429-90-5	7440-70-2	18540-29-9	7440-47-3	7440-47-3	7439-92-1	7439-95-4	7440-23-5	TPH	DRO	GRO	MRO
				N	N	N	D	T	T	N	N	N	N	N	N
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
July 2024 MTCA Method A Screening Level				-	-	-	-	50	15	-	-	500	500	1000/800 ¹	500
July 2024 MTCA Method B Noncancer Screening Level				16000	-	48	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	0.046	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
MW-12	03/22/1995	N	WG	--	--	--	--	--	15	--	--	--	< 250 U	--	< 750 U
MW-12	06/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-12	09/26/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	< 750 U
MW-12	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-13	11/03/1993	N	WG	--	--	--	5.8	320	2200	--	--	1100	--	--	--
MW-13	12/29/1993	N	WG	--	--	--	--	--	3.9	--	--	< 1000 U	--	--	--
MW-13	04/27/1994	N	WG	--	--	--	--	--	97	--	--	< 1000 U	--	--	--
MW-13	06/23/1994	N	WG	--	--	--	--	--	< 2 U	--	--	< 1000 U	--	--	--
MW-13	09/29/1994	N	WG	--	--	--	--	--	1200	--	--	< 1000 U	330	--	1200
MW-13	12/12/1994	N	WG	--	--	--	--	--	47	--	--	--	< 250 U	--	< 750 U
MW-13	03/22/1995	N	WG	--	--	--	--	--	160	--	--	--	340	--	< 750 U
MW-13	06/14/1995	N	WG	--	--	--	--	--	41	--	--	--	< 250 U	--	< 750 U
MW-13	09/26/1995	N	WG	--	--	--	--	--	100	--	--	--	--	--	< 750 U
MW-13	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-14	11/03/1993	N	WG	--	--	--	4.7	78	96	--	--	< 1000 U	--	--	--
MW-14	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	04/27/1994	N	WG	--	--	--	--	--	5.6	--	--	< 1000 U	--	--	--
MW-14	06/23/1994	N	WG	--	--	--	--	--	< 2 U	--	--	< 1000 U	--	--	--
MW-14	09/29/1994	N	WG	--	--	--	--	--	2.3	--	--	--	< 250 U	--	810
MW-14	12/12/1994	N	WG	--	--	--	--	--	4.1	--	--	--	< 250 U	--	< 750 U
MW-14	03/22/1995	N	WG	--	--	--	--	--	4.9	--	--	--	< 250 U	--	< 750 U
MW-14	06/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-14	09/26/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	880
MW-14	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-15	11/03/1993	N	WG	--	--	--	< 3 U	23	31	--	--	< 1000 U	--	--	--
MW-15	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	04/27/1994	N	WG	--	--	--	--	--	6.8	--	--	< 1000 U	--	--	--
MW-15	06/23/1994	N	WG	--	--	--	--	--	17	--	--	< 1000 U	--	--	--
MW-15	09/29/1994	N	WG	--	--	--	--	--	300	--	--	--	540	--	1800
MW-15	12/12/1994	N	WG	--	--	--	--	--	87	--	--	--	< 250 U	--	< 750 U
MW-15	03/22/1995	N	WG	--	--	--	--	--	26	--	--	--	460	--	< 750 U
MW-15	06/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U
MW-15	09/26/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	970
MW-15	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	--	< 750 U

Appendix E
Past Groundwater Data and Screening
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Rayonier A.M. Properties, LLC
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				Chemical	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total PAHs	PCBs	Acetone	Ammonia	Benzyl Alcohol
				Cas No.	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	PAHs_total	1336-36-3	67-64-1	7664-41-7	100-51-6
				Fraction	N	N	N	N	N	T	T	N	N	N
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				July 2024 MTCA Method A Screening Level	na	na	na	na	-	-	na	-	-	-
				July 2024 MTCA Method B Noncancer Screening Level	32	640	800	1600	-	-	-	7200	-	1600
				July 2024 MTCA Method B Cancer Screening Level	0.8	-	-	-	-	-	0.022	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
MW-12	03/22/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-12	06/14/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-12	09/26/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-12	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-13	11/03/1993	N	WG	--	--	--	--	--	--	< 11 U	< 0.1 U	--	--	--
MW-13	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-13	04/27/1994	N	WG	--	--	--	--	--	--	< 0.16 U	--	--	--	--
MW-13	06/23/1994	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-13	09/29/1994	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-13	12/12/1994	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-13	03/22/1995	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-13	06/14/1995	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-13	09/26/1995	N	WG	--	--	--	--	--	--	0.12	< 0.1 U	--	--	--
MW-13	12/14/1995	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-14	11/03/1993	N	WG	--	--	--	--	--	--	< 0 U	0.3	--	--	--
MW-14	12/29/1993	N	WG	--	--	--	--	--	--	--	0.13	--	--	--
MW-14	04/27/1994	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-14	06/23/1994	N	WG	--	--	--	--	--	--	< 0 U	< 0.1 U	--	--	--
MW-14	09/29/1994	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-14	12/12/1994	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-14	03/22/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-14	06/14/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-14	09/26/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-14	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/03/1993	N	WG	--	--	--	--	--	--	< 0 U	0.3	--	--	--
MW-15	12/29/1993	N	WG	--	--	--	--	--	--	--	0.13	--	--	--
MW-15	04/27/1994	N	WG	--	--	--	--	--	--	< 0 U	0.15	--	--	--
MW-15	06/23/1994	N	WG	--	--	--	--	--	--	< 0 U	0.11	--	--	--
MW-15	09/29/1994	N	WG	--	--	--	--	--	--	--	0.44	--	--	--
MW-15	12/12/1994	N	WG	--	--	--	--	--	--	< 0 U	0.26	--	--	--
MW-15	03/22/1995	N	WG	--	--	--	--	--	--	--	0.11	--	--	--
MW-15	06/14/1995	N	WG	--	--	--	--	--	--	--	0.11	--	--	--
MW-15	09/26/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--
MW-15	12/14/1995	N	WG	--	--	--	--	--	--	--	< 0.1 U	--	--	--

Appendix E
Past Groundwater Data and Screening
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Former Grays Harbor Pulp and Paper Mill
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				2-Butanone 78-93-3 N µg/L	Chloromethane 74-87-3 N µg/L	1,1,1- Trichloroethane 71-55-6 N µg/L	Chloroform 67-66-3 N µg/L	Other VOCs VOCs_other N µg/L	4-Chloro-3- Methylphenol 59-50-7 N µg/L	Phenol 108-95-2 N µg/L	Benzoic acid 65-85-0 N µg/L	Benzyl Butyl Phthalate 85-68-7 N µg/L	Bis(2- Ethylhexyl) Phthalate 117-81-7 N µg/L	Diethyl Phthalate 84-66-2 N µg/L	Total SVOCs TSVOC N µg/L
July 2024 MTCA Method A Screening Level				-	-	na	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Screening Level				-	-	16000	80	-	-	4800	64000	3200	320	13000	-
July 2024 MTCA Method B Cancer Screening Level				-	-	-	1.4	-	-	-	-	46	6.3	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
MW-12	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	09/26/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	11/03/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	12/12/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	09/26/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/03/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/12/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	09/26/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/03/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/12/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	09/26/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E
Past Groundwater Data and Screening
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				Aluminum	Calcium	Chromium, hexavalent	Chromium, total	Chromium, total	Lead	Magnesium	Sodium	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	TPH as Gasoline Range Organics	TPH as Motor Oil Range Organics
Chemical				7429-90-5	7440-70-2	18540-29-9	7440-47-3	7440-47-3	7439-92-1	7439-95-4	7440-23-5	TPH	DRO	GRO	MRO
Fraction				N	N	N	D	T	T	N	N	N	N	N	N
Unit				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
July 2024 MTCA Method A Screening Level				-	-	-	-	50	15	-	-	500	500	1000/800 ¹	500
July 2024 MTCA Method B Noncancer Screening Level				16000	-	48	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	0.046	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Silvichemical Area															
MW-1	06/22/1993	N	WG	--	--	--	< 20 U	190	--	--	--	--	--	--	--
MW-4	06/22/1993	N	WG	--	--	--	< 20 U	110	--	--	--	--	1800	--	< 750 U
MW-4	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	360	--	< 750 U
MW-4	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	360	--	< 750 U
MW-4	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
MW-4	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	370	--	< 750 U
MW-4	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	900	--	910
MW-4	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	260	< 50 U	850
MW-4	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	< 50 U	< 750 U
MW-4	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	< 50 U	530
MW-4	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	330	--	220
MW-6	06/15/1993	N	WG	--	--	--	590	650	--	--	--	--	--	--	--
MW-7	06/15/1993	N	WG	--	--	--	390	400	--	--	--	--	--	--	--
Log Yard Area															
C-13	06/23/1992	N	WG	--	100000	--	--	--	--	--	1000000	--	--	--	--
C-13	06/24/1992	N	WG	--	--	--	--	< 10 U	< 2 U	--	--	--	910	--	--
C-13	09/01/1992	N	WG	--	--	< 0 U	200	--	< 2 U	--	--	--	--	--	--
C-13	06/22/1993	N	WG	--	--	--	< 10 U	170	10	--	--	--	3700	--	< 750 U
C-13	12/30/1993	N	WG	--	--	--	190	200	7.7	--	--	--	910	--	1100
C-13	04/28/1994	N	WG	--	--	--	130	130	4.8	--	--	--	530	--	< 750 U
C-13	06/22/1994	N	WG	--	--	--	--	--	4.6	--	--	--	650	--	1100
C-13	09/29/1994	N	WG	--	--	--	--	--	5.5	--	--	--	680	--	1900
C-13	12/13/1994	N	WG	--	--	--	--	--	7.3	--	--	--	1300	--	1100
C-13	03/23/1995	N	WG	--	--	--	--	--	7	--	--	--	--	--	--
C-13	06/14/1995	N	WG	--	--	--	--	--	6.2	--	--	--	--	--	--
C-13	09/27/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	--
C-13	12/13/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area															
C-2	06/23/1992	N	WG	--	100000	--	--	--	--	100000	1000000	--	--	--	--
C-2	06/24/1992	N	WG	--	--	--	--	< 10 U	< 2 U	--	--	--	< 250 U	--	--
C-2	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	340	--	< 750 U
C-2	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	270	--	< 750 U
C-2	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U

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				Chemical	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total PAHs	PCBs	Acetone	Ammonia	Benzyl Alcohol
				Cas No.	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	PAHs_total	1336-36-3	67-64-1	7664-41-7	100-51-6
				Fraction	N	N	N	N	N	T	T	N	N	N
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				July 2024 MTCA Method A Screening Level	na	na	na	na	-	-	na	-	-	-
				July 2024 MTCA Method B Noncancer Screening Level	32	640	800	1600	-	-	-	7200	-	1600
				July 2024 MTCA Method B Cancer Screening Level	0.8	-	-	-	-	-	0.022	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Silvichemical Area														
MW-1	06/22/1993	N	WG	--	--	--	--	--	--	--	--	< 10 U	--	--
MW-4	06/22/1993	N	WG	--	--	--	--	--	--	--	--	< 10 U	--	--
MW-4	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-4	04/27/1994	N	WG	--	--	--	--	< 0 U	0.19	--	--	--	--	--
MW-4	06/22/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
MW-4	09/29/1994	N	WG	--	--	--	--	0.5	< 0 U	--	--	--	--	--
MW-4	12/13/1994	N	WG	--	--	--	--	0.5	0.3	--	--	--	--	--
MW-4	03/23/1995	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
MW-4	06/14/1995	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
MW-4	09/27/1995	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
MW-4	12/13/1995	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
MW-6	06/15/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/15/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
Log Yard Area														
C-13	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-13	06/24/1992	N	WG	--	--	--	--	--	--	--	< 2.5 U	< 1 U	--	--
C-13	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-13	06/22/1993	N	WG	--	--	--	--	--	--	--	--	< 10 U	--	--
C-13	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-13	04/28/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-13	06/22/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-13	09/29/1994	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-13	12/13/1994	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-13	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-13	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-13	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-13	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area														
C-2	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-2	06/24/1992	N	WG	--	--	--	--	--	--	--	< 2.5 U	20	--	--
C-2	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-2	04/28/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-2	06/23/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--

Appendix E
Past Groundwater Data and Screening
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

				2-Butanone 78-93-3 N µg/L	Chloromethane 74-87-3 N µg/L	1,1,1- Trichloroethane 71-55-6 N µg/L	Chloroform 67-66-3 N µg/L	Other VOCs VOCs_other N µg/L	4-Chloro-3- Methylphenol 59-50-7 N µg/L	Phenol 108-95-2 N µg/L	Benzoic acid 65-85-0 N µg/L	Benzyl Butyl Phthalate 85-68-7 N µg/L	Bis(2- Ethylhexyl) Phthalate 117-81-7 N µg/L	Diethyl Phthalate 84-66-2 N µg/L	Total SVOCs TSVOC N µg/L	
July 2024 MTCA Method A Screening Level				-	-	na	-	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Screening Level				-	-	16000	80	-	-	4800	64000	3200	320	13000	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	-	1.4	-	-	-	-	46	6.3	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Silvichemical Area																
MW-1	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	--	< 0 U
MW-4	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	--	< 0 U
MW-4	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/15/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/15/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
Log Yard Area																
C-13	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	06/24/1992	N	WG	< 0.02 U	< 0.02 U	< 0.02 U	< 0.05 U	--	--	< 0 U	< 0 U	--	--	--	--	--
C-13	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	--	< 0 U
C-13	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-13	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area																
C-2	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-2	06/24/1992	N	WG	< 0.02 U	3.2	< 0.02 U	< 0.05 U	--	--	< 2 U	< 10 U	--	--	--	--	--
C-2	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-2	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-2	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E
 Past Groundwater Data and Screening
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

				Aluminum 7429-90-5 N µg/L	Calcium 7440-70-2 N µg/L	Chromium, hexavalent 18540-29-9 N µg/L	Chromium, total 7440-47-3 D µg/L	Chromium, total 7440-47-3 T µg/L	Lead 7439-92-1 T µg/L	Magnesium 7439-95-4 N µg/L	Sodium 7440-23-5 N µg/L	Total Petroleum Hydrocarbons TPH N µg/L	TPH as Diesel Range Organics DRO N µg/L	TPH as Gasoline Range Organics GRO N µg/L	TPH as Motor Oil Range Organics MRO N µg/L	
July 2024 MTCA Method A Screening Level				-	-	-	-	50	15	-	-	500	500	1000/800 ¹	500	
July 2024 MTCA Method B Noncancer Screening Level				16000	-	48	-	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	0.046	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
C-2	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U	
C-2	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U	
C-2	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U	
C-2	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U	
C-2	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	< 750 U	
C-2	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	220	--	< 750 U	
Gasoline and Maintenance Area																
C-1	06/23/1992	N	WG	--	10000	--	--	--	--	10000	100000	--	--	--	--	
C-1	06/24/1992	N	WG	--	--	--	--	< 10 U	< 2 U	--	--	--	< 250 U	--	--	
C-1	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	400	--	< 750 U	
C-1	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	260	--	< 750 U	
C-1	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U	
C-1	09/29/1994	N	WG	--	--	--	--	--	160	--	--	--	440	< 50 U	< 750 U	
C-1	12/13/1994	N	WG	--	--	--	--	--	67	--	--	--	< 250 U	< 50 U	< 750 U	
C-1	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	< 50 U	--	
C-1	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	< 50 U	--	
C-1	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	< 50 U	--	
C-1	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	240	--	< 750 U	
MW-3	06/22/1993	N	WG	--	--	--	--	--	27	--	--	--	1700	7100	< 750 U	
MW-3	06/22/1993	N	WG	--	--	--	< 0 U	< 0 U	--	--	--	--	--	--	--	
MW-3	12/30/1993	N	WG	--	--	--	--	--	31	--	--	--	1000	1100	< 750 U	
MW-3	04/27/1994	N	WG	--	--	--	--	--	16	--	--	--	710	1000	< 750 U	
MW-3	06/23/1994	N	WG	--	--	--	--	--	12	--	--	--	750	2500	750	
MW-3	09/29/1994	N	WG	--	--	--	--	--	6.7	--	--	--	--	730	--	
MW-3	12/13/1994	N	WG	--	--	--	--	--	8.8	--	--	--	--	5100	--	
MW-3	03/22/1995	N	WG	--	--	--	--	--	10	--	--	--	--	5700	--	
MW-3	06/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	4700	--	
MW-3	09/27/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	980	--	
MW-3	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	1200	--	
Powerhouse Area																
MW-8	06/30/1993	N	WG	--	--	--	280	300	--	--	--	--	1000	--	1200	
MW-8	10/15/1993	N	WG	--	--	--	--	--	--	--	--	--	1100	--	< 750 U	
MW-8	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	1100	--	< 750 U	
MW-8	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	930	--	< 750 U	

Appendix E
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				Chemical	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total PAHs	PCBs	Acetone	Ammonia	Benzyl Alcohol
				Cas No.	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	PAHs_total	1336-36-3	67-64-1	7664-41-7	100-51-6
				Fraction	N	N	N	N	N	T	T	N	N	N
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				July 2024 MTCA Method A Screening Level	na	na	na	na	-	-	na	-	-	-
				July 2024 MTCA Method B Noncancer Screening Level	32	640	800	1600	-	-	-	7200	-	1600
				July 2024 MTCA Method B Cancer Screening Level	0.8	-	-	-	-	-	0.022	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-2	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-2	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-2	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-2	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-2	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-2	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
Gasoline and Maintenance Area														
C-1	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-1	06/24/1992	N	WG	--	--	--	--	--	--	--	< 2.5 U	26	--	--
C-1	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-1	04/27/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
C-1	06/23/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
C-1	09/29/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
C-1	12/13/1994	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-1	03/23/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-1	06/14/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-1	09/27/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-1	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-3	06/22/1993	N	WG	<u>620</u>	50	120	850	--	--	--	--	--	--	--
MW-3	06/22/1993	N	WG	--	--	--	--	50	--	--	--	--	--	--
MW-3	12/30/1993	N	WG	<u>780</u>	6.9	4.9	98	--	--	--	--	--	--	--
MW-3	04/27/1994	N	WG	<u>390</u>	5.7	9.7	95	--	--	--	--	--	--	--
MW-3	06/23/1994	N	WG	<u>430</u>	8.5	9.5	160	--	--	--	--	--	--	--
MW-3	09/29/1994	N	WG	<u>810</u>	5	2.8	44	--	--	--	--	--	--	--
MW-3	12/13/1994	N	WG	<u>160</u>	11	200	280	--	--	--	--	--	--	--
MW-3	03/22/1995	N	WG	<u>150</u>	9.9	120	120	--	--	--	--	--	--	--
MW-3	06/14/1995	N	WG	<u>260</u>	6.8	36	230	--	--	--	--	--	--	--
MW-3	09/27/1995	N	WG	<u>260</u>	2.8	1.1	23	--	--	--	--	--	--	--
MW-3	12/14/1995	N	WG	<u>100</u>	4.3	19	19	--	--	--	--	--	--	--
Powerhouse Area														
MW-8	06/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-8	10/15/1993	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-8	12/29/1993	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-8	04/27/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--

Appendix E
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				2-Butanone 78-93-3 N µg/L	Chloromethane 74-87-3 N µg/L	1,1,1- Trichloroethane 71-55-6 N µg/L	Chloroform 67-66-3 N µg/L	Other VOCs VOCs_other N µg/L	4-Chloro-3- Methylphenol 59-50-7 N µg/L	Phenol 108-95-2 N µg/L	Benzoic acid 65-85-0 N µg/L	Benzyl Butyl Phthalate 85-68-7 N µg/L	Bis(2- Ethylhexyl) Phthalate 117-81-7 N µg/L	Diethyl Phthalate 84-66-2 N µg/L	Total SVOCs TSVOC N µg/L
July 2024 MTCA Method A Screening Level				-	-	na	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Screening Level				-	-	16000	80	-	-	4800	64000	3200	320	13000	-
July 2024 MTCA Method B Cancer Screening Level				-	-	-	1.4	-	-	-	-	46	6.3	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-2	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-2	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-2	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-2	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-2	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-2	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
Gasoline and Maintenance Area															
C-1	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	06/24/1992	N	WG	35	< 0.02 U	< 0.02 U	< 0.05 U	--	--	< 2 U	< 10 U	--	--	--	--
C-1	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-1	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	06/22/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	06/22/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
Powerhouse Area															
MW-8	06/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	10/15/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E
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				Aluminum	Calcium	Chromium, hexavalent	Chromium, total	Chromium, total	Lead	Magnesium	Sodium	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	TPH as Gasoline Range Organics	TPH as Motor Oil Range Organics
				7429-90-5	7440-70-2	18540-29-9	7440-47-3	7440-47-3	7439-92-1	7439-95-4	7440-23-5	TPH	DRO	GRO	MRO
				N	N	N	D	T	T	N	N	N	N	N	N
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
July 2024 MTCA Method A Screening Level				-	-	-	-	50	15	-	-	500	500	1000/800 ¹	500
July 2024 MTCA Method B Noncancer Screening Level				16000	-	48	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	0.046	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
MW-8	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	1000	--	1400
MW-8	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	960	--	< 750 U
MW-8	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	910	--	3700
MW-8	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	990	--	790
MW-8	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	1300
MW-8	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	860	--	540
Warehouse Area															
MW-5	06/30/1993	N	WG	--	--	--	< 250 U	< 250 U	< 2 U	--	--	--	< 250 U	--	< 750 U
Hog Fuel Storage Area															
C-17	09/01/1992	N	WG	--	--	< 0 U	< 10 U	--	14	--	--	--	770	--	--
C-17	09/01/1992	N	WG	--	--	--	--	--	7.5	--	--	--	--	--	--
C-17	06/22/1993	N	WG	--	--	--	< 10 U	< 10 U	2.4	--	--	--	2100	--	< 750 U
C-17	12/30/1993	N	WG	--	--	--	--	--	3.9	--	--	--	680	--	< 750 U
C-17	04/28/1994	N	WG	--	--	--	--	--	< 2 U	--	--	--	430	--	< 750 U
C-17	06/22/1994	N	WG	--	--	--	--	--	2.5	--	--	--	410	--	< 750 U
C-17	09/29/1994	N	WG	--	--	--	--	--	5.4	--	--	--	630	--	1100
C-17	12/13/1994	N	WG	--	--	--	--	--	14	--	--	--	400	--	< 750 U
C-17	03/23/1995	N	WG	--	--	--	--	--	3.9	--	--	--	--	--	--
C-17	06/14/1995	N	WG	--	--	--	--	--	8.5	--	--	--	--	--	--
C-17	09/27/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	--
C-17	12/13/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	--
Shoreline Area															
C-4	06/23/1992	N	WG	10000	100000	--	--	--	--	100000	1.00E+06	--	--	--	--
C-4	06/24/1992	N	WG	--	--	--	--	< 10 U	< 2 U	--	--	--	< 250 U	--	--
C-4	09/01/1992	N	WG	--	--	< 0 U	< 10 U	--	--	--	--	--	--	--	--
C-4	06/22/1993	N	WG	--	--	--	< 10 U	< 10 U	< 2 U	--	--	--	760	--	< 750 U
C-4	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	920	--	< 750 U
C-4	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-4	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-4	09/29/1994	N	WG	--	--	--	--	--	43	--	--	--	400	< 50 U	860
C-4	12/13/1994	N	WG	--	--	--	--	--	< 2 U	--	--	--	< 250 U	< 50 U	< 750 U
C-4	03/23/1995	N	WG	--	--	--	--	--	9.9	--	--	--	< 250 U	< 50 U	< 750 U
C-4	06/14/1995	N	WG	--	--	--	--	--	5.7	--	--	--	< 250 U	< 50 U	< 750 U
C-4	09/27/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	< 50 U	< 750 U

Appendix E
Past Groundwater Data and Screening
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Rayonier A.M. Properties, LLC
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				Chemical	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total PAHs	PCBs	Acetone	Ammonia	Benzyl Alcohol
				Cas No.	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	PAHs_total	1336-36-3	67-64-1	7664-41-7	100-51-6
				Fraction	N	N	N	N	N	T	T	N	N	N
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				July 2024 MTCA Method A Screening Level	na	na	na	na	-	-	na	-	-	-
				July 2024 MTCA Method B Noncancer Screening Level	32	640	800	1600	-	-	-	7200	-	1600
				July 2024 MTCA Method B Cancer Screening Level	0.8	-	-	-	-	-	0.022	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
MW-8	09/29/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
MW-8	12/13/1994	N	WG	--	--	--	--	< 0 U	0.76	--	--	--	--	--
MW-8	03/22/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
MW-8	06/14/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
MW-8	09/27/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
MW-8	12/14/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
Warehouse Area														
MW-5	06/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
Hog Fuel Storage Area														
C-17	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-17	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-17	06/22/1993	N	WG	--	--	--	--	--	--	--	< 10 U	--	--	--
C-17	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-17	04/28/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-17	06/22/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-17	09/29/1994	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-17	12/13/1994	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-17	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-17	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-17	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-17	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
Shoreline Area														
C-4	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-4	06/24/1992	N	WG	--	--	--	--	--	--	< 2.5 U	25	--	--	--
C-4	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-4	06/22/1993	N	WG	--	--	--	--	--	--	--	13	--	--	--
C-4	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-4	04/27/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-4	06/23/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-4	09/29/1994	N	WG	--	--	--	--	< 0 U	< 0 U	< 0 U	--	--	--	--
C-4	12/13/1994	N	WG	--	--	--	--	< 0 U	--	< 0 U	--	--	--	--
C-4	03/23/1995	N	WG	--	--	--	--	< 0 U	--	< 0 U	--	--	--	--
C-4	06/14/1995	N	WG	--	--	--	--	< 0 U	--	< 0 U	--	--	--	--
C-4	09/27/1995	N	WG	--	--	--	--	< 0 U	--	< 0 U	--	--	--	--

Appendix E
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				Chemical Cas No. Fraction Unit	2-Butanone 78-93-3 N µg/L	Chloromethane 74-87-3 N µg/L	1,1,1- Trichloroethane 71-55-6 N µg/L	Chloroform 67-66-3 N µg/L	Other VOCs VOCs_other N µg/L	4-Chloro-3- Methylphenol 59-50-7 N µg/L	Phenol 108-95-2 N µg/L	Benzoic acid 65-85-0 N µg/L	Benzyl Butyl Phthalate 85-68-7 N µg/L	Bis(2- Ethylhexyl) Phthalate 117-81-7 N µg/L	Diethyl Phthalate 84-66-2 N µg/L	Total SVOCs TSVOC N µg/L	
July 2024 MTCA Method A Screening Level				-	-	na	-	-	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Screening Level				-	-	16000	80	-	-	4800	64000	3200	320	13000	-	-	
July 2024 MTCA Method B Cancer Screening Level				-	-	-	1.4	-	-	-	-	46	6.3	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
MW-8	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	03/22/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-8	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
Warehouse Area																	
MW-5	06/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hog Fuel Storage Area																	
C-17	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	--	< 0 U	
C-17	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-17	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
Shoreline Area																	
C-4	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	06/24/1992	N	WG	41	< 0.02 U	< 0.02 U	< 0.05 U	--	--	< 2 U	< 10 U	--	--	--	--	--	
C-4	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	--	< 0 U	
C-4	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-4	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--	

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				Aluminum	Calcium	Chromium, hexavalent	Chromium, total	Chromium, total	Lead	Magnesium	Sodium	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	TPH as Gasoline Range Organics	TPH as Motor Oil Range Organics
				7429-90-5	7440-70-2	18540-29-9	7440-47-3	7440-47-3	7439-92-1	7439-95-4	7440-23-5	TPH	DRO	GRO	MRO
				N	N	N	D	T	T	N	N	N	N	N	N
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
July 2024 MTCA Method A Screening Level				-	-	-	-	50	15	-	-	500	500	1000/800 ¹	500
July 2024 MTCA Method B Noncancer Screening Level				16000	-	48	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	0.046	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-4	12/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	220	--	< 750 U
C-5	06/23/1992	N	WG	--	100000	--	--	--	--	--	100000	--	--	--	--
C-5	06/24/1992	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	--
C-5	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-5	06/22/1993	N	WG	--	--	--	< 0 U	< 0 U	< 0 U	--	--	--	2200	--	< 750 U
C-5	10/15/1993	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-5	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	2100	--	< 750 U
C-5	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	300	--	< 750 U
C-5	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-5	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	260	--	< 750 U
C-5	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-5	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	310	--	1100
C-5	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	640	--	< 750 U
C-5	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	< 750 U
C-5	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	180	--	42
C-6	06/23/1992	N	WG	10000	100000	--	--	--	--	10000	100000	--	--	--	--
C-6	06/24/1992	N	WG	--	--	--	--	< 10 U	< 2 U	--	--	--	< 250 U	--	--
C-6	09/01/1992	N	WG	--	--	< 0 U	< 10 U	--	--	--	--	--	--	--	--
C-6	06/22/1993	N	WG	--	--	--	< 10 U	< 10 U	< 2 U	--	--	--	680	--	< 750 U
C-6	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	340	--	< 750 U
C-6	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	300	--	< 750 U
C-6	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-6	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	470	--	870
C-6	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	300	--	< 750 U
C-6	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-6	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	290	--	< 750 U
C-6	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	690
C-7	06/23/1992	N	WG	10000	100000	--	--	--	--	10000	100000	--	--	--	--
C-7	06/24/1992	N	WG	--	--	--	--	< 10 U	< 2 U	--	--	--	< 250 U	--	--
C-7	09/01/1992	N	WG	--	--	< 0 U	< 10 U	--	--	--	--	--	--	--	--
C-7	06/22/1993	N	WG	--	--	--	< 10 U	< 10 U	< 2 U	--	--	--	300	--	< 750 U
C-7	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	270	--	< 750 U
C-7	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	330	--	< 750 U
C-7	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U

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				Chemical	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total PAHs	PCBs	Acetone	Ammonia	Benzyl Alcohol
				Cas No.	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	PAHs_total	1336-36-3	67-64-1	7664-41-7	100-51-6
				Fraction	N	N	N	N	N	T	T	N	N	N
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				July 2024 MTCA Method A Screening Level	na	na	na	na	-	-	na	-	-	-
				July 2024 MTCA Method B Noncancer Screening Level	32	640	800	1600	-	-	-	7200	-	1600
				July 2024 MTCA Method B Cancer Screening Level	0.8	-	-	-	-	-	0.022	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-4	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-5	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-5	06/24/1992	N	WG	--	--	--	--	< 0 U	--	< 2.5 U	27	--	--	--
C-5	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-5	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	10	--	--	--
C-5	10/15/1993	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-5	12/29/1993	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-5	04/27/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-5	06/22/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-5	09/29/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-5	12/13/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-5	03/23/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-5	06/14/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-5	09/27/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-5	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-6	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-6	06/24/1992	N	WG	--	--	--	--	--	--	< 2.5 U	15	--	--	--
C-6	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-6	06/22/1993	N	WG	--	--	--	--	--	--	--	< 10 U	--	--	--
C-6	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-6	04/27/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-6	06/23/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-6	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-6	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-6	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-6	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-6	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-7	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-7	06/24/1992	N	WG	--	--	--	--	--	--	< 2.5 U	< 1 U	--	--	--
C-7	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-7	06/22/1993	N	WG	--	--	--	--	--	--	--	< 10 U	--	--	--
C-7	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-7	04/28/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-7	06/23/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--

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				Chemical Cas No. Fraction Unit	2-Butanone 78-93-3 N µg/L	Chloromethane 74-87-3 N µg/L	1,1,1- Trichloroethane 71-55-6 N µg/L	Chloroform 67-66-3 N µg/L	Other VOCs VOCs_other N µg/L	4-Chloro-3- Methylphenol 59-50-7 N µg/L	Phenol 108-95-2 N µg/L	Benzoic acid 65-85-0 N µg/L	Benzyl Butyl Phthalate 85-68-7 N µg/L	Bis(2- Ethylhexyl) Phthalate 117-81-7 N µg/L	Diethyl Phthalate 84-66-2 N µg/L	Total SVOCs TSVOC N µg/L
July 2024 MTCA Method A Screening Level					-	-	na	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Screening Level					-	-	16000	80	-	-	4800	64000	3200	320	13000	-
July 2024 MTCA Method B Cancer Screening Level					-	-	-	1.4	-	-	-	-	46	6.3	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-4	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	06/24/1992	N	WG	110	< 0.02 U	< 0.02 U	< 0.05 U	--	--	< 2 U	< 10 U	--	--	--	--	--
C-5	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	--	< 0 U
C-5	10/15/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-5	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	06/24/1992	N	WG	< 0.02 U	< 0.02 U	< 0.02 U	< 0.05 U	--	--	2.2	15	--	--	--	--	--
C-6	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	--	< 0 U
C-6	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-6	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	06/24/1992	N	WG	< 0.02 U	3.7	< 0.02 U	< 0.05 U	--	--	< 2 U	< 10 U	--	--	--	--	--
C-7	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	--	< 0 U
C-7	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--
C-7	06/23/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix E
Past Groundwater Data and Screening
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

				Aluminum	Calcium	Chromium, hexavalent	Chromium, total	Chromium, total	Lead	Magnesium	Sodium	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	TPH as Gasoline Range Organics	TPH as Motor Oil Range Organics
				7429-90-5	7440-70-2	18540-29-9	7440-47-3	7440-47-3	7439-92-1	7439-95-4	7440-23-5	TPH	DRO	GRO	MRO
				N	N	N	D	T	T	N	N	N	N	N	N
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
July 2024 MTCA Method A Screening Level				-	-	-	-	50	15	-	-	500	500	1000/800 ¹	500
July 2024 MTCA Method B Noncancer Screening Level				16000	-	48	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	0.046	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-7	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	4600	--	6300
C-7	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-7	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-7	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	270	--	< 750 U
C-7	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	< 750 U
C-7	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	310	--	< 750 U
C-8	06/23/1992	N	WG	--	100000	--	--	--	--	10000	100000	--	--	--	--
C-8	06/24/1992	N	WG	--	--	--	--	< 10 U	< 2 U	--	--	--	< 250 U	--	--
C-8	09/01/1992	N	WG	--	--	< 0 U	< 10 U	--	--	--	--	--	--	--	--
C-8	06/22/1993	N	WG	--	--	--	< 10 U	< 10 U	< 2 U	--	--	--	1000	--	< 750 U
C-8	12/30/1993	N	WG	--	--	--	--	--	3.3	--	--	--	520	--	< 750 U
C-8	04/28/1994	N	WG	--	--	--	--	--	< 2 U	--	--	--	410	--	< 750 U
C-8	06/22/1994	N	WG	--	--	--	< 10 U	11	6.1	--	--	--	290	--	< 750 U
C-8	09/29/1994	N	WG	--	--	--	--	--	4.9	--	--	--	400	--	< 750 U
C-8	12/13/1994	N	WG	--	--	--	--	--	9.4	--	--	--	740	--	1100
C-8	03/23/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	--
C-8	06/14/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	--
C-8	09/27/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	--
C-8	12/13/1995	N	WG	--	--	--	--	--	< 2 U	--	--	--	--	--	--
MW-2	06/22/1993	N	WG	--	--	--	< 20 U	< 20 U	--	--	--	--	1700	--	< 750 U
MW-2	10/15/1993	N	WG	--	--	--	--	--	--	--	--	--	870	--	< 750 U
MW-2	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	530	--	< 750 U
MW-2	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	260	--	< 750 U
MW-2	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
MW-2	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	330	--	< 750 U
MW-2	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	270	--	< 750 U
MW-2	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	700	--	830
MW-2	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	1600	--	1000
MW-2	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	860
MW-2	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	520	--	980
Wastewater Treatment Plant Basin Area															
C-3	06/23/1992	N	WG	--	100000	--	--	--	--	100000	100000	--	--	--	--
C-3	06/24/1992	N	WG	--	--	--	--	< 10 U	< 2 U	--	--	--	< 250 U	--	--
C-3	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	420	--	< 750 U

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				Chemical	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total PAHs	PCBs	Acetone	Ammonia	Benzyl Alcohol
				Cas No.	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	PAHs_total	1336-36-3	67-64-1	7664-41-7	100-51-6
				Fraction	N	N	N	N	N	T	T	N	N	N
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				July 2024 MTCA Method A Screening Level	na	na	na	na	-	-	na	-	-	-
				July 2024 MTCA Method B Noncancer Screening Level	32	640	800	1600	-	-	-	7200	-	1600
				July 2024 MTCA Method B Cancer Screening Level	0.8	-	-	-	-	-	0.022	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-7	09/29/1994	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-7	12/13/1994	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-7	03/23/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-7	06/14/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-7	09/27/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-7	12/14/1995	N	WG	--	--	--	--	--	< 0 U	--	--	--	--	--
C-8	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-8	06/24/1992	N	WG	--	--	--	--	--	--	< 2.5 U	16	--	--	--
C-8	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-8	06/22/1993	N	WG	--	--	--	--	--	--	--	< 10 U	--	--	--
C-8	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-8	04/28/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
C-8	06/22/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
C-8	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-8	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-8	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-8	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-8	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-8	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/22/1993	N	WG	--	--	--	--	--	--	--	--	< 10 U	--	--
MW-2	10/15/1993	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-2	12/29/1993	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-2	04/27/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
MW-2	06/22/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
MW-2	09/29/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
MW-2	12/13/1994	N	WG	--	--	--	--	--	< 0 U	< 0 U	--	--	--	--
MW-2	03/23/1995	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-2	06/14/1995	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-2	09/27/1995	N	WG	--	--	--	--	--	--	< 0 U	--	--	--	--
MW-2	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
Wastewater Treatment Plant Basin Area														
C-3	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-3	06/24/1992	N	WG	--	--	--	--	--	--	--	< 2.5 U	37	--	--
C-3	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--

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				2-Butanone 78-93-3 N µg/L	Chloromethane 74-87-3 N µg/L	1,1,1- Trichloroethane 71-55-6 N µg/L	Chloroform 67-66-3 N µg/L	Other VOCs VOCs_other N µg/L	4-Chloro-3- Methylphenol 59-50-7 N µg/L	Phenol 108-95-2 N µg/L	Benzoic acid 65-85-0 N µg/L	Benzyl Butyl Phthalate 85-68-7 N µg/L	Bis(2- Ethylhexyl) Phthalate 117-81-7 N µg/L	Diethyl Phthalate 84-66-2 N µg/L	Total SVOCs TSVOC N µg/L
July 2024 MTCA Method A Screening Level				-	-	na	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Screening Level				-	-	16000	80	-	-	4800	64000	3200	320	13000	-
July 2024 MTCA Method B Cancer Screening Level				-	-	-	1.4	-	-	-	-	46	6.3	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-7	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-7	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-7	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-7	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-7	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-7	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	06/24/1992	N	WG	< 0.02 U	< 0.02 U	< 0.02 U	< 0.05 U	--	--	< 2 U	< 10 U	--	--	--	--
C-8	09/01/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	< 0 U
C-8	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-8	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/22/1993	N	WG	--	--	--	--	< 0 U	--	--	--	--	--	--	< 0 U
MW-2	10/15/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/29/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	04/27/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
Wastewater Treatment Plant Basin Area															
C-3	06/23/1992	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-3	06/24/1992	N	WG	47	< 0.02 U	< 0.02 U	< 0.05 U	--	--	< 2 U	< 10 U	--	--	--	--
C-3	12/30/1993	N	WG	--	--	--	--	--	--	--	--	--	--	--	--

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Chemical				Aluminum	Calcium	Chromium, hexavalent	Chromium, total	Chromium, total	Lead	Magnesium	Sodium	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	TPH as Gasoline Range Organics	TPH as Motor Oil Range Organics
Cas No.				7429-90-5	7440-70-2	18540-29-9	7440-47-3	7440-47-3	7439-92-1	7439-95-4	7440-23-5	TPH	DRO	GRO	MRO
Fraction				N	N	N	D	T	T	N	N	N	N	N	N
Unit				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
July 2024 MTCA Method A Screening Level				-	-	-	-	50	15	-	-	500	500	1000/800 ¹	500
July 2024 MTCA Method B Noncancer Screening Level				16000	-	48	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Cancer Screening Level				-	-	0.046	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-3	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	280	--	< 750 U
C-3	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	< 250 U	--	< 750 U
C-3	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	330	--	< 750 U
C-3	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	350	--	< 750 U
C-3	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	280	--	< 750 U
C-3	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	340	--	< 750 U
C-3	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	540
C-3	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	270	--	< 750 U
Rennie Island															
RW-1	08/27/1992	N	WG	--	--	< 50 U	< 25 U	< 25 U	--	--	--	--	--	--	--
RW-2	08/27/1992	N	WG	--	--	< 50 U	< 25 U	< 25 U	--	--	--	--	--	--	--
RW-3	9/3/1992	N	WG	--	--	< 50 U	--	--	--	--	--	--	--	--	--
RW-4	08/27/1992	N	WG	--	--	< 50 U	< 25 U	< 25 U	--	--	--	--	--	--	--

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Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

				Chemical	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Total PAHs	PCBs	Acetone	Ammonia	Benzyl Alcohol
				Cas No.	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	PAHs_total	1336-36-3	67-64-1	7664-41-7	100-51-6
				Fraction	N	N	N	N	N	T	T	N	N	N
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
				July 2024 MTCA Method A Screening Level	na	na	na	na	-	-	na	-	-	-
				July 2024 MTCA Method B Noncancer Screening Level	32	640	800	1600	-	-	-	7200	-	1600
				July 2024 MTCA Method B Cancer Screening Level	0.8	-	-	-	-	-	0.022	-	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-3	04/28/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-3	06/22/1994	N	WG	--	--	--	--	< 0 U	< 0 U	--	--	--	--	--
C-3	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-3	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-3	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-3	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-3	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
C-3	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--
Rennie Island														
RW-1	08/27/1992	N	WG	--	--	--	--	--	--	--	--	< 10 U	--	< 2 U
RW-2	08/27/1992	N	WG	--	--	--	--	--	--	--	--	12	--	< 2 U
RW-3	9/3/1992	N	WG	--	--	--	--	--	--	--	--	73	--	--
RW-4	08/27/1992	N	WG	--	--	--	--	--	--	--	--	< 10 U	--	3.8

Appendix E
Past Groundwater Data and Screening
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Chemical				2-Butanone	Chloromethane	1,1,1-Trichloroethane	Chloroform	Other VOCs	4-Chloro-3-Methylphenol	Phenol	Benzoic acid	Benzyl Butyl Phthalate	Bis(2-Ethylhexyl) Phthalate	Diethyl Phthalate	Total SVOCs
Cas No.				78-93-3	74-87-3	71-55-6	67-66-3	VOCs_other	59-50-7	108-95-2	65-85-0	85-68-7	117-81-7	84-66-2	TSVOC
Fraction				N	N	N	N	N	N	N	N	N	N	N	N
Unit				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
July 2024 MTCA Method A Screening Level				-	-	na	-	-	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Screening Level				-	-	16000	80	-	-	4800	64000	3200	320	13000	-
July 2024 MTCA Method B Cancer Screening Level				-	-	-	1.4	-	-	-	-	46	<u>6.3</u>	-	-
Location	Date	Sample Type	Matrix	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-3	04/28/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-3	06/22/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-3	09/29/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-3	12/13/1994	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-3	03/23/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-3	06/14/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-3	09/27/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
C-3	12/13/1995	N	WG	--	--	--	--	--	--	--	--	--	--	--	--
Rennie Island															
RW-1	08/27/1992	N	WG	--	--	--	--	< 0 U	< 2 U	--	26	7	< 2 U	2.4	35.4
RW-2	08/27/1992	N	WG	--	--	--	--	< 0 U	< 2 U	--	24	< 2 U	< 2 U	< 2 U	24
RW-3	9/3/1992	N	WG	--	--	--	--	--	< 10 U	--	< 50 U	21	<u>240</u>	35	296
RW-4	08/27/1992	N	WG	--	--	--	--	< 0 U	8.6	--	100	4.2	< 2 U	5.9	122.5

Appendix E
Past Groundwater Data and Screening
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Notes:

This table includes all past groundwater data collected, including pre- and post-interim action data, where applicable.

¹Screening Level with "No detectable benzene/benzene present"

Bolded values exceed the July 2024 MTCA Method A or Method B Noncancer Screening Level (Method A applies where a Method B Screening Level is not calculated).

Underlined values exceed the July 2024 MTCA Method B Cancer Screening Levels.

- = screening level not calculated

-- = constituent not analyzed for

µg/L = microgram per liter

BTEX = benzene, toluene, ethylbenzene, and xylenes

D = dissolved

MTCA = Model Toxics Control Act

N = normal

na = screening level not applicable

PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

SVOC = semivolatile organic compound

T = total

U = indicates the analyte was analyzed for but not detected

VOC = volatile organic compound

WG = groundwater



Appendix F Summary of Past Investigations

Appendix F – Summary
of Past Investigations
Former Grays Harbor
Pulp and Paper Mill
Hoquiam, Grays Harbor
County, Washington

Prepared for:
Rayonier A.M.
Properties, LLC

Prepared by:
EHS  **Support**SM

January 2025



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Acronyms

ASB	aeration sedimentation basin
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, xylenes
ft	foot or feet
mg/kg	milligram per kilogram
MTCA	Model Toxics Control Act
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PUD	Public Utility District
SVOC	semi-volatile organic compound
TPH	total petroleum hydrocarbons
TPH-D	TPH in the diesel range
TPH-G	TPH in the gasoline range
TPH-O	TPH in the oil range
UST	underground storage tank
VOC	volatile organic compound
WWTP	wastewater treatment plant



1 Introduction

This appendix summarizes past environmental investigations conducted at the former Grays Harbor Pulp and Paper Mill facility located at 801 23rd Street in Hoquiam, Grays Harbor County, Washington (“Site”) by Rayonier¹ in the 1990s, as well as the analytical results from those investigations. Investigation activities included sampling soil borings and installing a groundwater monitoring well network. Past soil and groundwater investigations were primarily focused on specific areas of the Site where 1) releases to the environment were known or suspected; or 2) former operations were considered to have had the potential for releases to the environment, even if they were not suspected. In select investigation areas,² past environmental investigation identified localized soil impacts warranting interim action. In this appendix, only investigations conducted prior to interim action in these areas, and associated analytical results, are presented. Analytical data collected after interim action is summarized in Section 4 of the *Data Summary Report* (EHS Support, 2025).

¹ ITT Rayonier and Rayonier, Inc. (RAMP’s corporate predecessors).

² Paper Machine Area, Boneyard Area, Finishing Area, Log Yard Area, Fuel Oil Tank/Utility Chase Area, and Gasoline and Maintenance Area.



2 Past Investigations

Results of the past investigations performed by Rayonier, where applicable, are presented below by investigation area.

2.1 Former Pulp and Paper Mill

This section summarizes past investigations conducted by Rayonier in the investigation areas throughout the Former Pulp and Paper Mill.

2.1.1 *Paper Machine Area (Paper Mill)*

Based on former operations in the Paper Machine Area, Rayonier conducted an environmental investigation of the area in 1993 (Pacific Environmental Group, 1992a, 1993a). Soil samples were collected from a total of 52 locations beneath the paper machine building (Pacific Environmental Group, 1993a). Twenty soil borings were initially collected in June 1993 from depths ranging from 0.5 feet (ft) to 4 ft below ground surface (bgs). An additional 32 samples were collected in July 1993, as well as wipe samples from 8 locations on building structures nearest the highest concentrations of polychlorinated biphenyls (PCBs) in soil. Soil sampling locations were initially selected based on visual evidence or the presence of potential sources; subsequent samples were selected for delineation purposes.

Results of the soil analysis included detections of semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), including TPH-diesel (TPH-D) and TPH-oil (TPH-O), and PCBs, and no detections of volatile organic compounds (VOCs.) Concentrations in soil exceeded the applicable Model Toxics Control Act (MTCA) screening levels for TPH-D, TPH-O, and PCBs, prompting the Washington State Department of Ecology (“Ecology”) to designate the Paper Machine Area as a cleanup site.

2.1.2 *Boneyard Area*

Based on the past use of fill material and its function as an equipment storage area, Rayonier conducted an environmental investigation of the Boneyard Area from 1993 to 1994 (Rayonier, 1996) to analyze for constituents that could have come from the historical mill process or equipment. The investigation covered the entire Boneyard Area on a grid basis. In June 1993, 37 soil borings were drilled to between 5.5 and 9 ft bgs, with two to three samples collected per boring. Soil samples were analyzed for lead, chromium, TPH, TPH-O, and PCBs. A total of 92 soil samples were submitted for analytical analysis. The investigation identified concentrations of TPH, TPH-O, PCBs, and lead in soil that exceeded the applicable MTCA screening levels (Pacific Environmental Group, 1993b).

In October 1993, seven groundwater monitoring wells (MW-9 through MW-15) were installed 15 ft bgs with a 10-ft screen from 5 to 15 ft. In November 1993, December 1993, and April 1994, 22 groundwater samples were taken from the monitoring wells and tested for unfiltered and filtered lead, unfiltered and filtered chromium, TPH-O, PCBs, and polycyclic aromatic hydrocarbons (PAHs). TPH-O, unfiltered lead, and unfiltered chromium exceeded applicable MTCA screening levels, while filtered lead, unfiltered and filtered chromium, PCBs, and PAHs were detected in a few isolated locations (Pacific Environmental Group, 1994a). Shallow groundwater had varying results, which was thought to be due to soil conditions close to the monitoring wells rather than a “plume” of impacted groundwater (Rayonier, 1996).



2.1.3 *Finishing Area*

Due to past use of hydraulically operated systems in the former Finishing Area, Rayonier conducted several phased environmental investigations in 1994 in conjunction with excavations of soil containing TPH concentrations exceeding applicable screening levels (Pacific Environmental Group, 1995a). A total of 75 soil samples were collected from test pits, borings, and excavated soils and analyzed for TPH-D and TPH-O prior to, during, and after excavation activities; concentrations of TPH-D and TPH-O prior to excavation exceeded the 1993 MTCA screening levels. Five soil samples and one stockpile sample were also analyzed for PCBs, while one soil sample was also analyzed for SVOCs. One sample resulted in a low-level detection of PCBs at 0.12 milligram per kilogram (mg/kg), while SVOCs were not detected. Samples were primarily collected from depths ranging from 1.5 to 3.0 ft bgs, with a maximum depth of 14.5 ft bgs.

Prior to the initial excavation (“Excavation One”), eight sidewall and four bottom soil samples resulted in a range of TPH-D and TPH-O from 15 to 202,000 mg/kg, leading to over-excavation to the south, west, north, and northeast. Results from eight sidewall and two bottom soil samples indicated a successful excavation, with combined TPH-D and TPH-O concentrations from 15 to 292 mg/kg. Seven sidewall and two bottom samples collected from the Excavation One area informed further excavation to the east (“Excavation Two”). Prior to Excavation Two, TPH-D and TPH-O concentrations ranged from 14 to 22,400 mg/kg; after excavation, concentrations ranged from 14 to approximately 600 mg/kg. Additional investigation was conducted in a third area (“Excavation Three”), which was excavated based on initial data, which included five sidewall and five bottom samples. Concentrations of TPH-D and TPH-O in these samples ranged from 27 to 450 mg/kg.

2.1.4 *Silvichemical Area*

Based on the management of chrome lignosulfonate, Rayonier conducted environmental investigation of the Silvichemical Area in 1992 and 1993 (Pacific Environmental Group, 1992a, 1992b, 1993c). These investigations were conducted as follows:

- In June 1992, Rayonier performed a preliminary environmental investigation, which included collecting eight soil samples at 1 ft bgs from four soil borings beneath the chrome lignosulfonate bagging and warehouse building. Samples were analyzed for chromium, aluminum, copper, iron, and zinc.
- In August and September 1992, Rayonier performed a supplemental environmental investigation, which included collecting five soil samples from two locations beneath the chrome lignosulfonate bagging area and warehouse. Samples were collected from surficial soils as well as 1 ft bgs. These samples were analyzed for chromium and hexavalent chromium.
- In April 1993, additional investigation included sampling 14 soil borings, which included collecting subsurface water grab samples from select borings. Soil and subsurface water samples were analyzed for chromium.
- In June 1993, 20 additional soil borings were collected between 2 to 16 ft bgs, and groundwater samples were collected from three monitoring wells (MW-4, MW-6, and MW-7) installed 14 (MW-4) and 15 (MW-6 and MW-7) ft bgs with 10-ft screens. Soil samples were analyzed for hexavalent chromium; groundwater samples were analyzed for unfiltered and filtered chromium.



Concentrations of chromium detected in soil during these investigations did not exceed applicable MTCA screening levels.

2.1.5 Log Yard Area

Due to the past use of fill material in the former Log Yard Area, Rayonier conducted an environmental investigation of the area in 1994 and 1995 (Pacific Environmental Group, 1994b, 1994c, 1995b). Soil samples were collected between August 1994 and January 1995 at depths ranging from 2 to 10 ft from 71 borings and analyzed for lead, chromium, TPH-D, TPH-O, PCBs, and PAHs to determine whether constituents could have come from Site material placed in the log yard fill. Groundwater samples were collected from one monitoring well (C-13) 15 ft bgs with a 10-ft screen from 5 to 15 ft and analyzed for the same constituents.

Initial results identified TPH-D and TPH-O detections in soil throughout the area; however, subsequent sampling and analysis identified these concentrations as minimal and that the initial results were due to wood waste interferences (Rayonier, 1995). PCBs were detected in one sample, and PAHs were detected in two samples, but all concentrations were well below the applicable MTCA screening levels. Lead and chromium were detected throughout the area but at low concentrations except for the lead concentration in one sample near the south end of the Log Yard Area that exceeded the applicable MTCA screening level at the time.

2.1.6 Fuel Oil Tank/Utility Chase Area

Based on the storage, handling, and one known release of No. 6 fuel oil, Rayonier conducted an environmental investigation of the Fuel Oil Tank and Utility Chase Areas in 1993 (Pacific Environmental Group, 1994d, 1994e). In June 1992, one monitoring well (C-2) was installed at a depth of 15 ft bgs with a 10-ft screen from 5 to 15 ft in the northwest corner of the area and sampled for TPH-D, PCBs, VOCs, SVOCs, and select metals (Pacific Environmental Group, 1992b). Results from this investigation identified detections of acetone and chloromethane but no detections of SVOCs, PCBs, pertinent metals, or TPH-D.

In October and September 1993, 12 soil bores were drilled to a depth of 6 to 10 ft bgs in the Fuel Oil Tank Area. Samples were collected at varying depths to be analyzed for PAHs; TPH-D; TPH-O; chromium; lead; and benzene, toluene, ethylbenzene, xylenes (BTEX; Pacific Environmental Group, 1994e). Analytical results for all soil samples analyzed indicated concentrations of lead, chromium, PAHs, and BTEX compounds below applicable MTCA screening levels. Concentrations of TPH-D and TPH-O (indicative of No. 6 fuel oil contamination), however, exceeded applicable screening levels. In October 1993, six soil borings were also drilled in the Utility Chase Area; samples were analyzed for PAHs, TPH-D, TPH-O, and BTEX (Pacific Environmental Group, 1994d). Analytical results indicated that all PAH and BTEX detections were below screening levels, while concentrations of TPH-D and TPH-O exceeded screening levels.

2.1.7 Gasoline and Maintenance Area

Based on the use of underground storage tanks (USTs) and other maintenance equipment in the Gasoline and Maintenance Area, Rayonier conducted an environmental investigation of the area in 1992 and 1993. In June and July 1992, one groundwater monitoring well (C-1) was installed at a depth of 15 ft bgs with a 1-ft screen from 5 to 15 ft in the northwest corner of the area and sampled for TPH-D, PCBs,



VOCs, SVOCs, and metals (Pacific Environmental Group, 1992b). Results from this investigation identified detections of 2-butanone and acetone but no detections of SVOCs, PCBs, or TPH-D.

Between June 17 and November 18, 1993, seven soil borings were drilled near the gasoline UST and maintenance building at a total depth between 2.5 and 5.5 ft bgs. Additionally, one groundwater monitoring well (MW-3) was installed to a total depth of 14 ft bgs with a 10-ft screen from 4 to 14 ft in the southwest corner of the area (Pacific Environmental Group, 1994f). Soil samples were analyzed for TPH-gasoline (TPH-G), TPH-D, TPH-O, BTEX, lead, and chromium. Groundwater samples were analyzed for the same constituents as well as unfiltered and filtered chromium and lead. Concentrations of TPH-G and BTEX compounds in the soil samples collected from the borings in this area were below applicable MTCA screening levels. Select soil samples had concentrations exceeding screening levels for lead, TPH-D, and TPH-O. Groundwater concentrations of unfiltered lead, TPH-D, TPH-G, TPH-O, and benzene exceeded screening levels.

2.1.8 *Powerhouse Area*

Based on the storage, handling, and one known release of No. 6 fuel oil, Rayonier conducted an environmental investigation of the Powerhouse Area starting in June 1993. Seven soil borings were installed to a depth between 2 and 5.5 ft bgs, six inside the powerhouse building and one outside the building to the west. A groundwater monitoring well (MW-8) was also installed south of the turbine room, next to the powerhouse building to a total depth of 15 ft bgs with a 10-ft screen from 5 to 15 ft (Pacific Environmental Group, 1994f). Initial soil results indicated that additional data were required to adequately assess the area, so additional samples were collected from the original bores. Soil samples were analyzed for chromium, TPH-D, TPH-O, and PAHs. Groundwater samples were analyzed for TPH-D, TPH-O, unfiltered and filtered chromium, and PAHs. TPH-D and TPH-O were detected in several soil samples at concentrations exceeding applicable MTCA screening levels; PAH concentrations also exceeded screening levels in select samples. Chromium concentrations were below MTCA screening levels. Based on the distribution of exceedances, the extent of impacted soil was limited to a crawlspace beneath the boilers, but soil was left in place based on the impracticability of removing it while the buildings and boilers were in service (Pacific Environmental Group, 1994f).

Completion of Site demolition activities in 2016 provided access for additional subsurface explorations in the Powerhouse Area and an exploratory delineation of the vertical and horizontal extent of No. 6 fuel oil present as petroleum non-aqueous phase liquid (Landau Associates, 2017). Results indicated that impacted soil has not migrated beyond the boundaries of the Powerhouse building.

During the 2016 investigation (Landau Associates, 2017), no samples were collected for laboratory analysis, but No. 6 fuel oil was identified in a horizontal area approximately 80 ft by 120 ft at a maximum depth of 13 ft bgs. Substantial subsurface infrastructure was also encountered, including rebar-reinforced concrete slabs thicker than 2 ft. This subsurface infrastructure constrained cleanup at the Powerhouse Area but also limits the potential for constituent migration and exposure as it functions as a surface cap to prevent groundwater infiltration.

2.1.9 *Wood Chip Storage Area*

Based on the use of heavy equipment in the Wood Chip Storage Area, Rayonier conducted an environmental investigation of the area in June 1993 (Pacific Environmental Group, 1994f). Eight borings



were drilled, and samples collected at a total depth of 5.5 to 6.5 ft bgs and analyzed for lead, chromium, TPH-D, and TPH-O. Lead was not detected in the soil samples, while chromium, TPH-D, and TPH-O were detected at varying concentrations. Chromium, TPH-D, and TPH-O concentrations detected in soil samples were below applicable MTCA screening levels.

2.1.10 Warehouse Area

Based on the storage of electrical equipment and machinery, and truck traffic to the maintenance building, Rayonier conducted an environmental investigation of the Warehouse Area in June 1993 (Pacific Environmental Group, 1994f). Nine soil borings were drilled to a depth of 4.5 to 7 ft bgs south of the warehouse building where a truck turnaround was located; samples were analyzed for lead, chromium, TPH-D, TPH-O, and PCBs. A groundwater monitoring well (MW-5) was also installed to a depth of 15 ft bgs with a 10-ft screen from 5 to 15 ft and a sample collected and analyzed for unfiltered and filtered lead, unfiltered and filtered chromium, TPH-D, and TPH-O. Soil samples contained concentrations of lead and chromium below MTCA screening levels. No detections of TPH-D, TPH-O, or PCBs were identified in these samples.

2.1.11 Hog Fuel Storage Area

Based on the use of heavy equipment in the Hog Fuel Storage Area, Rayonier performed an environmental investigation in June 1993 (Pacific Environmental Group, 1994f). Sixteen soil borings were drilled throughout the area to a depth of 5.5 to 6.5 ft bgs and analyzed for lead and chromium; select samples were also analyzed for TPH-O. Lead and chromium detected in soil samples were below applicable MTCA soil screening levels, and TPH-O was not detected. Groundwater samples from the monitoring well located in the Hog Fuel Storage Area (C-17), installed to a depth of 15 ft with a 10-ft screen from 5 to 15 ft, were also collected between 1993 and 1995; constituent concentrations were less than applicable MTCA screening levels.

2.1.12 Shoreline Area

In addition to groundwater monitoring wells and piezometers installed in specific investigation areas, Rayonier also installed and sampled several monitoring wells and piezometers along the property shoreline. Shoreline monitoring locations not captured within a previously identified investigation area include MW-2 and C-4 through C-8. MW-2 was installed to a depth of 16 ft bgs with a 10-ft screen from 6 to 16 ft; C-4 and C-7 were installed to a depth of 15 ft bgs with a 10-ft screen from 5 to 15 ft; and C-5, C-6, and C-8 were installed to a depth of 20 ft bgs with a 15-ft screen from 5 to 20 ft. Groundwater samples were collected and analyzed for select constituents, including unfiltered and filtered lead, unfiltered and filtered chromium, TPH-D, TPH-O, BTEX, PAHs, PCBs, VOCs, and SVOCs on multiple occasions between 1992 and 1995 (Pacific Environmental Group, 1992a, 1992b, 1996). Results of the groundwater analyses included MTCA screening level exceedances for TPH-D, TPH-O, and one exceedance of unfiltered lead at C-4, adjacent to the Paper Machine Area.

2.1.13 Wastewater Treatment Plant

No past soil or groundwater investigations were conducted in the immediate wastewater treatment plant (WWTP) area. In late 2014 to early 2015, Grays Harbor Public Utility District (PUD) drained the aeration sedimentation basin (ASB) and collected samples of bottom solids as part of a disposal effort.



Subsequently, Grays Harbor PUD excavated and removed the bottom solids from the ASB, properly disposing of them off-site in accordance with applicable regulations (Landau Associates, 2017).

2.2 Rennie Island Impoundments

Based on the occasional use of the Rennie Island impoundments for pulp liquor and clarifier solids, Rayonier conducted an investigation of soil and groundwater in 1992 (Pacific Environmental Group, 1992c). Investigation in this area included drilling and sampling 10 soil borings, four of which were converted into groundwater sample locations, which were also sampled at a depth of 8 ft at three locations and 13 ft at the fourth location, and the collection of one surface water sample from the southern portion of the western impoundment. Six soil samples were analyzed for hexavalent chromium and chromium; the remaining soil and water samples were analyzed for VOCs, SVOCs, metals, and PCBs. Concentrations of acetone, benzoic acid, benzyl alcohol, 4-chloro-3-methylphenol, and phthalate were detected in several groundwater samples; however, no MTCA screening levels were established for these constituents at the time. Filtered chromium was not detected in groundwater samples, but unfiltered chromium was detected at the method detection limit. The concentrations were comparable to concentrations detected outside the impoundment, however, and were below applicable screening levels at that time (Pacific Environmental Group, 1992c).

2.3 Site-Wide Groundwater Monitoring

In 1995, quarterly groundwater monitoring was performed at the Site to document groundwater conditions in five sub-investigation areas: 1) the Gasoline and Maintenance Area; 2) the Powerhouse Area; 3) the Fuel Oil Tank/Utility Chase Area; 4) the General Facility Area; and 5) the Boneyard Area (Pacific Environmental Group, 1996). Sampling was conducted in March, June, September, and December 1995. Results from several individual monitoring wells included in this groundwater sampling are captured by investigation area, where applicable, above in **Section 2.1**, but consideration of the groundwater data on a Site-wide level is warranted. A summary of the conclusions from this monitoring event is provided below by sub-investigation area (Pacific Environmental Group, 1996):

- Boneyard Area:
 - Concentrations of TPH decreased significantly during the monitoring period and were below applicable screening levels in the third and fourth quarters.
 - PCBs, filtered lead, and PAHs were either not detected or were detected at notably low levels during the monitoring period.
- Gasoline and Maintenance Area:
 - Concentrations of TPH-G, BTEX, and unfiltered lead all generally decreased throughout the monitoring period, with unfiltered lead not detected during the second, third, and fourth quarters.
- Powerhouse Area:
 - No clear trend in analytical results was apparent in this area, and TPH concentrations remained relatively stable.
 - PAHs were not detected during the entire monitoring period.
- Fuel Oil Tank Area:
 - Concentrations of TPH steadily decreased in this area or were not detected during the monitoring period.
 - PAHs and BTEX compounds were also not detected during the monitoring period.
- General Facility:



- There were no discernable trends during 1995.
- Concentrations of TPH-D were below applicable screening levels during the monitoring period in several monitoring wells, while TPH-O was not detected in most of the wells or detected below screening levels.
- PAHs and BTEX compounds were not detected during the monitoring period.



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Summary of Past Investigations – Former Grays Harbor Pulp and Paper Mill
References

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Appendix G Investigation Area Figures



Legend

- Approximate Upland Site Boundary
- Parcels Owned by Sings
- Paper Machines #1 and #2
- Past Investigation Areas
- NFA Issued
- Outfall Lease Area
- Outfall Discharge Pipe
- Existing Rail Line
- Former Rail Line
- Outfall Location
- Paper Machine Area (Paper Mill) Past Soil Sample Locations
- Paper Machine Area (Paper Mill) Post-Interim Action Soil Sample Locations
- Exceedance of Current Applicable Screening Level

Interim Actions

- Approximate Soil Excavation Areas
- Asphalt Cap

Note:

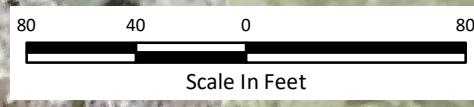
- 1.) UNK = Depth Unknown
- 2.) Depths provided in parentheses are soil sample depths.
- 3.) The westernmost Paper Machine is known as #2, while the easternmost is known as #1.

Paper Machine Area (Paper Mill)

RAYONIER A.M. PROPERTIES LLC
 801 23RD STREET
 HOQUIAM, WASHINGTON

EHS Support

APPENDIX G-1



Hoquiam River

Legend

- Approximate Upland Site Boundary
- Parcels Owned by Sings
- Past Investigation Areas
- NFA Issued
- Outfall Lease Area
- Outfall Discharge Pipe
- Existing Rail Line
- Former Rail Line
- Outfall Location
- Boneyard Area Monitoring Well
- Boneyard Area Capped Soil Sample Location
- Exceedance of Current Applicable Screening Level

Interim Actions

- Approximate Soil Excavation Areas
- Asphalt Cap

Note:

- UNK = Depth Unknown
- Depths provided in parentheses are soil sample depths.

INSET

18 (3 - 3 FT) 19 (2.5 - 2.5 FT)
 3 (UNK) 4 (UNK)
 BY-3K (1.5 - 6 FT) 10 (6 - 6 FT)
 9 (6 - 6 FT) 5 (UNK)
 2 (3 - 3 FT) BY-3L (1.5 - 6 FT)
 8 (2 - 2 FT)
 BY-3B (1.5 - 5 FT) BY-3C (1.5 - 5 FT)
 BY-3A (1.5 - 5 FT) BY-3E (1.5 - 4.5 FT)
 BY-3J (1.5 - 6 FT) BY-3 (1.5 - 8.5 FT)
 1 (3.5 - 3.5 FT) BY-2 (1.5 - 7.5 FT)
 BY-3D (1.5 - 6 FT) BY-3F (1.5 - 4.5 FT)
 MW-15 (UNK) 6 (5.5 - 5.5 FT)
 BY-3G (UNK) BY-3I (UNK)
 BY-3H (1.5 - 4.5 FT) BY-3N (2 - 2 FT)
 BY-3O (2 - 4 FT) 11 (6 - 6 FT) 12 (UNK)
 7 (1 - 1 FT) 16 (UNK)
 BY-3P (2.5 - 2.5 FT) 13 (UNK) 17 (2 - 2 FT) B (1.8 - 3 FT)
 20 (2 - 3.8 FT) 14 (UNK) 21 (5.5 - 5.5 FT) A (2 - 3.1 FT)
 BY-5 (1.5 - 8.5 FT) C (5.8 - 5.8 FT)



Boneyard Area

RAYONIER A.M. PROPERTIES LLC
 801 23RD STREET
 HOQUIAM, WASHINGTON







EHS Support

APPENDIX G-2


Reviewed By: C. Parker

J:\EHSS_GIS\04984_R\YAM\Gray\sharbo01_ANALYSIS\2024\1226_CSM_UpdatedInvestigationArea_Figures.mxd Printed 1/22/2025 12:09:10 PM by Chelbi Saraniecki

Legend

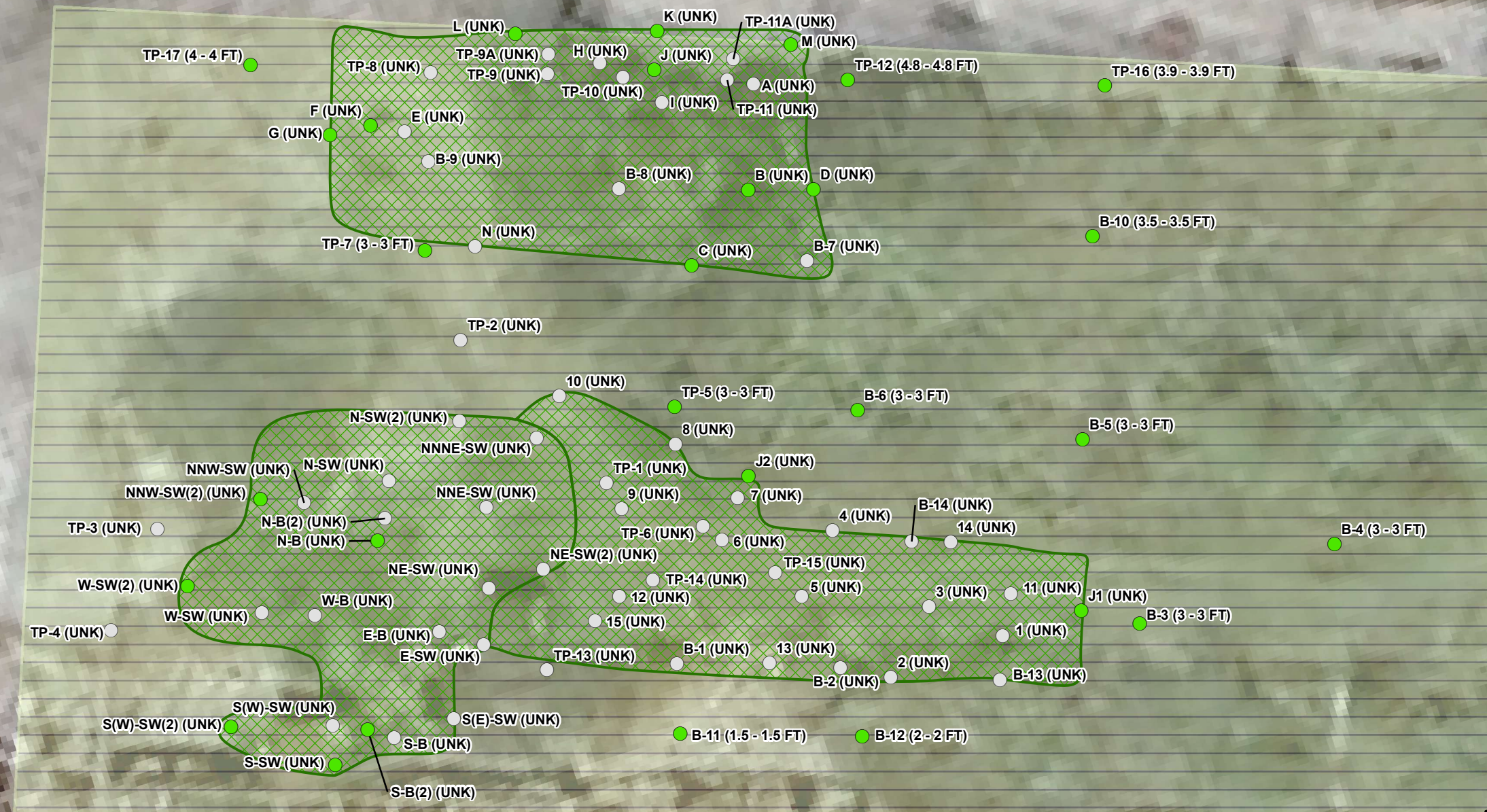
-  Approximate Upland Site Boundary
-  NFA Issued
-  Former Rail Line
-  Finishing Area Past Soil Sample Locations
-  Finishing Area Post-Interim Action Soil Sample Locations
-  Exceedance of Current Applicable Screening Level

Interim Actions

-  Approximate Soil Excavation Areas

Note:

- 1.) UNK = Depth Unknown
- 2.) Depths provided in parentheses are soil sample depths.

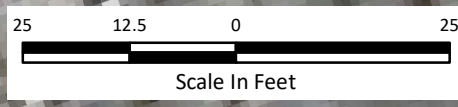


Finishing Area

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON



APPENDIX G-3





Legend

- Past Investigation Areas
- NFA Issued
- Potential NFA Issued
- Existing Rail Line
- Silvichemical Area Piezometer
- + Silvichemical Area Monitoring Well
- Silvichemical Area Past Soil Sample Locations
- Exceedance of Current Applicable Screening Level

Note:

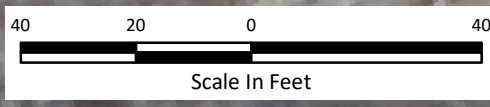
- 1.) UNK = Depth Unknown
- 2.) Depths provided in parentheses are soil sample depths.

Silvichemical Area

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON



APPENDIX G-4



Legend

- Approximate Upland Site Boundary
- Navigational Channel
- Former Wastewater Treatment Plant
- Past Investigation Areas
- NFA Issued
- Outfall Lease Area
- Outfall Discharge Pipe
- Existing Rail Line
- Former Rail Line
- Outfall Location
- Log Yard Area Piezometer
- Log Yard Area Monitoring Well
- Log Yard Area Past Soil Sample Locations
- Log Yard Area Post-Interim Action Soil Sample Locations
- Exceedance of Current Applicable Screening Level

Interim Actions

- Approximate Soil Excavation Areas

Note:

- 1.) UNK = Depth Unknown
- 2.) Depths provided in parentheses are soil sample depths.



INSET

- LC-17C (UNK)
- LS-17U (UNK)
- LS-17V (UNK)
- LS-17I (UNK)
- LS-17S (UNK)
- LS-17T (UNK)
- LS-17F (UNK)
- LS-17P (UNK)
- LS-17E (UNK)
- LS-17Q (UNK)
- LS-17 (UNK)
- LS-17H (UNK)
- LS-17B (UNK)
- LS-17O (UNK)
- LS-17A (UNK)
- LS-17D (UNK)
- LS-17G (UNK)
- LS-17R (UNK)
- LS-17N (UNK)
- LS-17K (UNK)
- LS-17M (UNK)
- LS-17J (UNK)
- LS-17L (UNK)









Log Yard Area

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

Scale In Feet



Legend

-  Approximate Upland Site Boundary
-  NFA Issued
-  Potential NFA Issued
-  Existing Rail Line
-  Fuel Oil Tank/Utility Chase Area Monitoring Well
-  Fuel Oil Tank/Utility Chase Area Past Soil Sample Locations
-  Fuel Oil Tank/Utility Chase Area Post-Interim Action Soil Sample Locations
-  Exceedance of Current Applicable Screening Level

Interim Actions

-  Approximate Soil Excavation Areas


Note:

- 1.) UNK = Depth Unknown
- 2.) Depths provided in parentheses are soil sample depths.

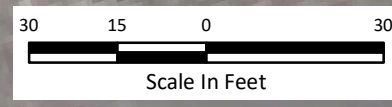


Fuel Oil Tank/Utility Chase Area

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON



APPENDIX G-7





Legend

- Past Investigation Areas
- NFA Issued
- Powerhouse Area NAPL Field Screening Locations
- Powerhouse Area NAPL Detections
- Powerhouse Area Monitoring Well
- Powerhouse Area Past Soil Sample Locations
- Exceedance of Current Applicable Screening Level

Note:

- 1.) UNK = Depth Unknown
- 2.) Depths provided in parentheses are soil sample depths.



Powerhouse Area

**RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON**



APPENDIX G-8

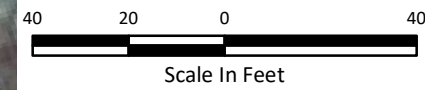












Warehouse Area

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

EHS Support **APPENDIX G-10**



Legend

-  Approximate Upland Site Boundary
-  Past Investigation Areas
-  NFA Issued
-  Existing Rail Line
-  Hog Fuel Storage Area Monitoring Well
-  Post-Interim Action Hog Fuel Area Post-Interim Action Soil Sample Locations
-  Hog Fuel Storage Area Past Soil Sample Locations
-  Exceedance of Current Applicable Screening Level

Note:

Depths provided in parentheses are soil sample depths.



Hog Fuel Storage Area

RAYONIER A.M. PROPERTIES LLC
801 23RD STREET
HOQUIAM, WASHINGTON

	APPENDIX G-11
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Appendix H Post-Interim Action Soil Data Screening – Industrial

Appendix H
 Post-Interim Action Soil Data Screening – Industrial
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

						Chemical Cas No.	Aluminum 7429-90-5	Cadmium 7440-43-9	Chromium, hexavalent 18540-29-9	Chromium, total 7440-47-3	Copper 7440-50-8	Iron 7439-89-6	Lead 7439-92-1	Mercury 7439-97-6	Nickel 7440-02-0	Silver 7440-22-4	Zinc 7440-66-6	Total Petroleum Hydrocarbons TPH	TPH as Diesel Range Organics DRO	Extended Diesel Range Organics EXT-DRO	TPH as Gasoline Range Organics GRO
						Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	na	na	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	3500000	3500	11000	-	140000	2500000	-	-	-	18000	1100000	-	-	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Paper Mill (Paper Machine Area)																					
E1	08/07/1995	PM_E1_1FT_19950807	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
E2	08/07/1995	PM_E2_1FT_19950807	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	PM_E3_1.5FT_19950807	N	SO	1.5-1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	670	--	--	--
E4	08/15/1995	PM_E4_2.5FT_19950815	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	140	--	--	--
N1	08/08/1995	PM_N1_1.5FT_19950808	N	SO	1.5-1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	PM_P-5_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	PM_P-5_4-4 FT_19930621	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	06/21/1993	PM_P-6_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P7	06/21/1993	PM_P-7_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	130	--	--	--	--
P8	06/21/1993	PM_P-8_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P8	06/21/1993	PM_P-8_3.5-3.5 FT_19930621	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P9	06/21/1993	PM_P-9_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P9	06/21/1993	PM_P-9_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	270	--	--	--	--
P10	06/21/1993	PM_P-10_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	330	--	--	--	--
P10	06/21/1993	PM_P-10_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	220	--	--	--	--
P10	06/21/1993	PM_P-10_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	170	--	--	--	--
P12	06/21/1993	PM_P-12_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P12	06/21/1993	PM_P-12_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-23B	09/12/1995	PM_P-23B_19950912	N	SO	7.3-7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	590	--	--	--
P26	06/21/1993	PM_P-26 (SUR)_0-1FT_19930621	N	SO	0-1 FT	--	<0.37 U	--	11	37	--	55	0.12	12	7	54	--	--	--	--	--
P26	06/21/1993	PM_P-26_0.5-0.5FT_19930621	N	SO	0.5-0.5 FT	--	<0.37 U	--	21	55	--	30	0.1	17	1.9	65	--	--	--	--	--
P-27	09/12/1995	PM_P-27_19950912	N	SO	7.1-7.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--	--
P-29	08/03/1995	PM_P-29_0.5FT_19950803	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	PM_P-41_19950928	N	SO	7.8-7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	380	--	--	--
P-46	10/04/1995	PM_P-46_19951004	N	SO	8.9-8.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	230	--	--	--
P-47	07/30/1993	PM_P-47_0.5-0.5FT_19930730	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	PM_P-59_19950912	N	SO	7.9-7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	990	--	--	--
P-63	10/11/1995	PM_P-63(9.6)_19951011	N	SO	9.6-9.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	130	--	--
P-65	10/11/1995	PM_P-65_19951011	N	SO	9.4-9.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	1600	--	--	--
P-66	09/08/1995	PM_P-66_19950908	N	SO	8-8 FT	--	--	--	--	--	--	--	--	--	--	--	--	920	--	--	--
P-67	09/08/1995	PM_P-67(8.1)_19950908	N	SO	8.1-8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	PM_P-68_0.5FT_19950912	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	--
P-70	09/12/1995	PM_P-70_19950912	N	SO	7.5-7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	530	--	--	--
P-72	09/13/1995	PM_P-72_19950913	N	SO	8-8 FT	--	--	--	--	--	--	--	--	--	--	--	--	600	--	--	--
P-77	09/21/1995	PM_P-77_19950921	N	SO	7.8-7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	200	--	--	--
P-79	10/11/1995	PM_P-79_19951011	N	SO	9.7-9.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	2300	--	--	--
PCB-1	10/12/1995	PM_PCB-1(10.5)_19951012	N	SO	10.5-10.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U	--	--	--
PCB-2	10/19/1995	PM_PCB-2(11.3)_19951019	N	SO	11.3-11.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	PM_PCB-3(11.8)_19951025	N	SO	11.8-11.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	PM_PCB-4_19950913	N	SO	7.9-7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 94 U	--	--	--
PCB-5	10/24/1995	PM_PCB-5(12.0)_19951024	N	SO	12-12 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	PM_PCB-6(7.8)_19950828	N	SO	7.8-7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 84 U	--	--	--

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Location	Date	Sample	Sample Type	Matrix	Depth Range	Chemical	TPH as Motor Oil	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene
						Cas No.	Range Organics	Biphenyl (PCBs)	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
						Unit	MRO	1336-36-3	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	14000	280000	350000	700000	-	210000	1100000	-	1100	-
July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	-						
July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	-	-	130	-	-	-	-		
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Paper Mill (Paper Machine Area)																			
E1	08/07/1995	PM_E1_1FT_19950807	N	SO	1-1 FT	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--	--
E2	08/07/1995	PM_E2_1FT_19950807	N	SO	1-1 FT	110	--	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	PM_E3_1.5FT_19950807	N	SO	1.5-1.5 FT	540	--	--	--	--	--	--	--	--	--	--	--	--	--
E4	08/15/1995	PM_E4_2.5FT_19950815	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N1	08/08/1995	PM_N1_1.5FT_19950808	N	SO	1.5-1.5 FT	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	PM_P-5_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P5	06/21/1993	PM_P-5_4-4 FT_19930621	N	SO	4-4 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P6	06/21/1993	PM_P-6_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P7	06/21/1993	PM_P-7_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P8	06/21/1993	PM_P-8_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P8	06/21/1993	PM_P-8_3.5-3.5 FT_19930621	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P9	06/21/1993	PM_P-9_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P9	06/21/1993	PM_P-9_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P10	06/21/1993	PM_P-10_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P10	06/21/1993	PM_P-10_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P12	06/21/1993	PM_P-12_1-1 FT_19930621	N	SO	1-1 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P12	06/21/1993	PM_P-12_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P-23B	09/12/1995	PM_P-23B_19950912	N	SO	7.3-7.3 FT	--	0.51	--	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	PM_P-26 (SUR)_0-1FT_19930621	N	SO	0-1 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P26	06/21/1993	PM_P-26_0.5-0.5FT_19930621	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
P-27	09/12/1995	PM_P-27_19950912	N	SO	7.1-7.1 FT	--	2.2	--	--	--	--	--	--	--	--	--	--	--	--
P-29	08/03/1995	PM_P-29_0.5FT_19950803	N	SO	0.5-0.5 FT	--	5.21	--	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	PM_P-41_19950928	N	SO	7.8-7.8 FT	--	1.8	--	--	--	--	--	--	--	--	--	--	--	--
P-46	10/04/1995	PM_P-46_19951004	N	SO	8.9-8.9 FT	--	1	--	--	--	--	--	--	--	--	--	--	--	--
P-47	07/30/1993	PM_P-47_0.5-0.5FT_19930730	N	SO	0.5-0.5 FT	140000	--	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	PM_P-59_19950912	N	SO	7.9-7.9 FT	--	2.3	--	--	--	--	--	--	--	--	--	--	--	--
P-63	10/11/1995	PM_P-63(9.6)_19951011	N	SO	9.6-9.6 FT	--	10	--	--	--	--	--	--	--	--	--	--	--	--
P-65	10/11/1995	PM_P-65_19951011	N	SO	9.4-9.4 FT	--	5.7	--	--	--	--	--	--	--	--	--	--	--	--
P-66	09/08/1995	PM_P-66_19950908	N	SO	8-8 FT	--	< 0.21 U	--	--	--	--	--	--	--	--	--	--	--	--
P-67	09/08/1995	PM_P-67(8.1)_19950908	N	SO	8.1-8.1 FT	--	0.68	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	PM_P-68_0.5FT_19950912	N	SO	0.5-0.5 FT	--	0.68	--	--	--	--	--	--	--	--	--	--	--	--
P-70	09/12/1995	PM_P-70_19950912	N	SO	7.5-7.5 FT	--	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--	--
P-72	09/13/1995	PM_P-72_19950913	N	SO	8-8 FT	--	< 0.31 U	--	--	--	--	--	--	--	--	--	--	--	--
P-77	09/21/1995	PM_P-77_19950921	N	SO	7.8-7.8 FT	--	1.9	--	--	--	--	--	--	--	--	--	--	--	--
P-79	10/11/1995	PM_P-79_19951011	N	SO	9.7-9.7 FT	--	11	--	--	--	--	--	--	--	--	--	--	--	--
PCB-1	10/12/1995	PM_PCB-1(10.5)_19951012	N	SO	10.5-10.5 FT	5000	0.5	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/19/1995	PM_PCB-2(11.3)_19951019	N	SO	11.3-11.3 FT	2400	2.4	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	PM_PCB-3(11.8)_19951025	N	SO	11.8-11.8 FT	12000	12	--	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	PM_PCB-4_19950913	N	SO	7.9-7.9 FT	< 140 U	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/24/1995	PM_PCB-5(12.0)_19951024	N	SO	12-12 FT	1000	1	--	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	PM_PCB-6(7.8)_19950828	N	SO	7.8-7.8 FT	370	0.37	--	--	--	--	--	--	--	--	--	--	--	--

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	-	-	-	-	-	-	na	-	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	70000	-	-	140000	140000	-	70000	-	110000	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	9400	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Paper Mill (Paper Machine Area)																	
E1	08/07/1995	PM_E1_1FT_19950807	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--
E2	08/07/1995	PM_E2_1FT_19950807	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	PM_E3_1.5FT_19950807	N	SO	1.5-1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
E4	08/15/1995	PM_E4_2.5FT_19950815	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
N1	08/08/1995	PM_N1_1.5FT_19950808	N	SO	1.5-1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	PM_P-5_1-1 FT_19930621	N	SO	1-1 FT	<0.1 U	1.2	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P5	06/21/1993	PM_P-5_4-4 FT_19930621	N	SO	4-4 FT	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P6	06/21/1993	PM_P-6_1-1 FT_19930621	N	SO	1-1 FT	<0.1 U	1.9	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P7	06/21/1993	PM_P-7_1-1 FT_19930621	N	SO	1-1 FT	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P8	06/21/1993	PM_P-8_1-1 FT_19930621	N	SO	1-1 FT	<0.1 U	0.52	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P8	06/21/1993	PM_P-8_3.5-3.5 FT_19930621	N	SO	3.5-3.5 FT	<0.1 U	0.89	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P9	06/21/1993	PM_P-9_1-1 FT_19930621	N	SO	1-1 FT	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P9	06/21/1993	PM_P-9_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P10	06/21/1993	PM_P-10_1-1 FT_19930621	N	SO	1-1 FT	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P10	06/21/1993	PM_P-10_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P12	06/21/1993	PM_P-12_1-1 FT_19930621	N	SO	1-1 FT	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P12	06/21/1993	PM_P-12_2.5-2.5 FT_19930621	N	SO	2.5-2.5 FT	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--	--
P-23B	09/12/1995	PM_P-23B_19950912	N	SO	7.3-7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	PM_P-26 (SUR)_0-1FT_19930621	N	SO	0-1 FT	<0.1 U	<0.5 U	0.17	--	0.26	--	<0.1 U	--	0.15	0.24	--	--
P26	06/21/1993	PM_P-26_0.5-0.5FT_19930621	N	SO	0.5-0.5 FT	<0.1 U	<0.5 U	<0.1 U	--	0.14	--	<0.1 U	--	<0.1 U	0.14	--	--
P-27	09/12/1995	PM_P-27_19950912	N	SO	7.1-7.1 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-29	08/03/1995	PM_P-29_0.5FT_19950803	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	PM_P-41_19950928	N	SO	7.8-7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-46	10/04/1995	PM_P-46_19951004	N	SO	8.9-8.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-47	07/30/1993	PM_P-47_0.5-0.5FT_19930730	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	PM_P-59_19950912	N	SO	7.9-7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-63	10/11/1995	PM_P-63(9.6)_19951011	N	SO	9.6-9.6 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-65	10/11/1995	PM_P-65_19951011	N	SO	9.4-9.4 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-66	09/08/1995	PM_P-66_19950908	N	SO	8-8 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-67	09/08/1995	PM_P-67(8.1)_19950908	N	SO	8.1-8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	PM_P-68_0.5FT_19950912	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-70	09/12/1995	PM_P-70_19950912	N	SO	7.5-7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-72	09/13/1995	PM_P-72_19950913	N	SO	8-8 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-77	09/21/1995	PM_P-77_19950921	N	SO	7.8-7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-79	10/11/1995	PM_P-79_19951011	N	SO	9.7-9.7 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-1	10/12/1995	PM_PCB-1(10.5)_19951012	N	SO	10.5-10.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/19/1995	PM_PCB-2(11.3)_19951019	N	SO	11.3-11.3 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	PM_PCB-3(11.8)_19951025	N	SO	11.8-11.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	PM_PCB-4_19950913	N	SO	7.9-7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/24/1995	PM_PCB-5(12.0)_19951024	N	SO	12-12 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	PM_PCB-6(7.8)_19950828	N	SO	7.8-7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No.	Aluminum 7429-90-5	Cadmium 7440-43-9	Chromium, hexavalent 18540-29-9	Chromium, total 7440-47-3	Copper 7440-50-8	Iron 7439-89-6	Lead 7439-92-1	Mercury 7439-97-6	Nickel 7440-02-0	Silver 7440-22-4	Zinc 7440-66-6	Total Petroleum Hydrocarbons TPH	TPH as Diesel Range Organics DRO	Extended Diesel Range Organics EXT-DRO	TPH as Gasoline Range Organics GRO
						Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	na	na	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	3500000	3500	11000	-	140000	2500000	-	-	-	18000	1100000	-	-	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
PCB-8	10/25/1995	PM_PCB-8(10.9)_19951025	N	SO	10.9–10.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-9	09/19/1995	PM_PCB-9(9.5)_19950919	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 90 U	--	--
PCB-10	08/28/1995	PM_PCB-10_19950828	N	SO	9.2–9.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 93 U	--	--
PCB-11	10/11/1995	PM_PCB-11_19951011	N	SO	9.8–9.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	140	--	--
PCB-13	09/07/1995	PM_PCB-13_19950907	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
PCB-14	09/07/1995	PM_PCB-14_19950907	N	SO	7.2–7.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 90 U	--	--
PCB-15	09/07/1995	PM_PCB-15_19950907	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	970	--	--
PCB-16	09/07/1995	PM_PCB-16_19950907	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	200	--	--
PCB-17	09/13/1995	PM_PCB-17_19950913	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-18	09/07/1995	PM_PCB-18_19950907	N	SO	6.8–6.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 89 U	--	--
PCB-19	09/13/1995	PM_PCB-19_19950913	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 81 U	--	--
PCB-20	09/07/1995	PM_PCB-20_19950907	N	SO	8.7–8.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 120 U	--	--
PCB-21	10/24/1995	PM_PCB-21_19951024	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-22	09/13/1995	PM_PCB-22_19950913	N	SO	8.2–8.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	170	--	--
PCB-23	09/13/1995	PM_PCB-23_19950913	N	SO	8.7–8.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	750	--	--
PCB-24	10/17/1995	PM_PCB-24_19951017	N	SO	10.4–10.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-25	09/13/1995	PM_PCB-25_19950913	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	350	--	--
PCB-26	10/11/1995	PM_PCB-26_19951011	N	SO	9.1–9.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	460	--	--
PCB-27	10/18/1995	PM_PCB-27_19951018	N	SO	9.3–9.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-30	09/21/1995	PM_PCB-30_19950921	N	SO	7.4–7.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 89 U	--	--
PCB-32	09/21/1995	PM_PCB-32_19950921	N	SO	6.9–6.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 89 U	--	--
PCB-39	10/18/1995	PM_PCB-39_19951018	N	SO	9.8–9.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-42	09/28/1995	PM_PCB-42_19950928	N	SO	7.7–7.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--	--
PCB-48	10/04/1995	PM_PCB-48_19951004	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	250	--	--
PCB-49	10/17/1995	PM_PCB-49_19951017	N	SO	8.9–8.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 84 U	--	--
PCB-50	10/23/1995	PM_PCB-50_19951023	N	SO	9.9–9.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-51	10/24/1995	PM_PCB-51_19951024	N	SO	10.7–10.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-1	10/25/1995	PM_TPH-1_19951025	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
TPH-2	10/25/1995	PM_TPH-2_19951025	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 99 U	--	--
TPH-3	10/25/1995	PM_TPH-3_19951025	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--	--
TPH-4	10/25/1995	PM_TPH-4_19951025	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U	--	--
TPH-5	11/03/1995	PM_TPH-5(7.9)_19951103	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	94000	--
TPH-6	10/31/1995	PM_TPH-6_19951031	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
TPH-7	10/31/1995	PM_TPH-7_19951031	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	110	--	--
TPH-8	10/31/1995	PM_TPH-8_19951031	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	140	--	--
TPH-9	10/31/1995	PM_TPH-9_19951031	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--	--
TPH-11	10/31/1995	PM_TPH-11_19951031	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	130	--	--
TPH-12	10/31/1995	PM_TPH-12_19951031	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	470	--	--
TPH-13	11/02/1995	PM_TPH-13_19951102	N	SO	8.8–8.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--
TPH-15	11/07/1995	PM_T141-15_2(8.3)_19951107	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	2500	1800	--
W-1	07/26/1995	PM_W-1_19950726	N	SO	5.2–5.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	07/26/1995	PM_W-2_19950726	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	na	na	na	-	-	-	-	na	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	130	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
PCB-8	10/25/1995	PM_PCB-8(10.9)_19951025	N	SO	10.9–10.9 FT	1200	1.2	--	--	--	--	--	--	--	--	--	--	--	
PCB-9	09/19/1995	PM_PCB-9(9.5)_19950919	N	SO	9.5–9.5 FT	440	0.44	--	--	--	--	--	--	--	--	--	--	--	
PCB-10	08/28/1995	PM_PCB-10_19950828	N	SO	9.2–9.2 FT	--	0.81	--	--	--	--	--	--	--	--	--	--	--	
PCB-11	10/11/1995	PM_PCB-11_19951011	N	SO	9.8–9.8 FT	--	0.99	--	--	--	--	--	--	--	--	--	--	--	
PCB-13	09/07/1995	PM_PCB-13_19950907	N	SO	8.1–8.1 FT	--	0.38	--	--	--	--	--	--	--	--	--	--	--	
PCB-14	09/07/1995	PM_PCB-14_19950907	N	SO	7.2–7.2 FT	--	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--	
PCB-15	09/07/1995	PM_PCB-15_19950907	N	SO	7.5–7.5 FT	--	0.44	--	--	--	--	--	--	--	--	--	--	--	
PCB-16	09/07/1995	PM_PCB-16_19950907	N	SO	7.3–7.3 FT	--	6	--	--	--	--	--	--	--	--	--	--	--	
PCB-17	09/13/1995	PM_PCB-17_19950913	N	SO	8.6–8.6 FT	--	< 0.27 U	--	--	--	--	--	--	--	--	--	--	--	
PCB-18	09/07/1995	PM_PCB-18_19950907	N	SO	6.8–6.8 FT	--	0.16	--	--	--	--	--	--	--	--	--	--	--	
PCB-19	09/13/1995	PM_PCB-19_19950913	N	SO	8.5–8.5 FT	--	< 0.13 U	--	--	--	--	--	--	--	--	--	--	--	
PCB-20	09/07/1995	PM_PCB-20_19950907	N	SO	8.7–8.7 FT	--	4.7	--	--	--	--	--	--	--	--	--	--	--	
PCB-21	10/24/1995	PM_PCB-21_19951024	N	SO	10–10 FT	--	0.72	--	--	--	--	--	--	--	--	--	--	--	
PCB-22	09/13/1995	PM_PCB-22_19950913	N	SO	8.2–8.2 FT	--	1.1	--	--	--	--	--	--	--	--	--	--	--	
PCB-23	09/13/1995	PM_PCB-23_19950913	N	SO	8.7–8.7 FT	--	5.2	--	--	--	--	--	--	--	--	--	--	--	
PCB-24	10/17/1995	PM_PCB-24_19951017	N	SO	10.4–10.4 FT	--	5.9	--	--	--	--	--	--	--	--	--	--	--	
PCB-25	09/13/1995	PM_PCB-25_19950913	N	SO	8.4–8.4 FT	--	1.5	--	--	--	--	--	--	--	--	--	--	--	
PCB-26	10/11/1995	PM_PCB-26_19951011	N	SO	9.1–9.1 FT	--	7	--	--	--	--	--	--	--	--	--	--	--	
PCB-27	10/18/1995	PM_PCB-27_19951018	N	SO	9.3–9.3 FT	--	5.3	--	--	--	--	--	--	--	--	--	--	--	
PCB-30	09/21/1995	PM_PCB-30_19950921	N	SO	7.4–7.4 FT	--	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--	
PCB-32	09/21/1995	PM_PCB-32_19950921	N	SO	6.9–6.9 FT	--	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--	
PCB-39	10/18/1995	PM_PCB-39_19951018	N	SO	9.8–9.8 FT	--	4.6	--	--	--	--	--	--	--	--	--	--	--	
PCB-42	09/28/1995	PM_PCB-42_19950928	N	SO	7.7–7.7 FT	--	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--	
PCB-48	10/04/1995	PM_PCB-48_19951004	N	SO	7.8–7.8 FT	--	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--	
PCB-49	10/17/1995	PM_PCB-49_19951017	N	SO	8.9–8.9 FT	--	< 0.13 U	--	--	--	--	--	--	--	--	--	--	--	
PCB-50	10/23/1995	PM_PCB-50_19951023	N	SO	9.9–9.9 FT	--	1.4	--	--	--	--	--	--	--	--	--	--	--	
PCB-51	10/24/1995	PM_PCB-51_19951024	N	SO	10.7–10.7 FT	--	< 0.16 U	--	--	--	--	--	--	--	--	--	--	--	
TPH-1	10/25/1995	PM_TPH-1_19951025	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-2	10/25/1995	PM_TPH-2_19951025	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-3	10/25/1995	PM_TPH-3_19951025	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-4	10/25/1995	PM_TPH-4_19951025	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-5	11/03/1995	PM_TPH-5(7.9)_19951103	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-6	10/31/1995	PM_TPH-6_19951031	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-7	10/31/1995	PM_TPH-7_19951031	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-8	10/31/1995	PM_TPH-8_19951031	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-9	10/31/1995	PM_TPH-9_19951031	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-11	10/31/1995	PM_TPH-11_19951031	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-12	10/31/1995	PM_TPH-12_19951031	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-13	11/02/1995	PM_TPH-13_19951102	N	SO	8.8–8.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
TPH-15	11/07/1995	PM_T141-15_2(8.3)_19951107	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-1	07/26/1995	PM_W-1_19950726	N	SO	5.2–5.2 FT	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-2	07/26/1995	PM_W-2_19950726	N	SO	6.2–6.2 FT	330	--	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	-	-	-	-	-	-	na	-	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	70000	-	-	140000	140000	-	70000	-	110000	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	9400	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
PCB-8	10/25/1995	PM_PCB-8(10.9)_19951025	N	SO	10.9–10.9 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-9	09/19/1995	PM_PCB-9(9.5)_19950919	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-10	08/28/1995	PM_PCB-10_19950828	N	SO	9.2–9.2 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-11	10/11/1995	PM_PCB-11_19951011	N	SO	9.8–9.8 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-13	09/07/1995	PM_PCB-13_19950907	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-14	09/07/1995	PM_PCB-14_19950907	N	SO	7.2–7.2 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-15	09/07/1995	PM_PCB-15_19950907	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-16	09/07/1995	PM_PCB-16_19950907	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-17	09/13/1995	PM_PCB-17_19950913	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-18	09/07/1995	PM_PCB-18_19950907	N	SO	6.8–6.8 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-19	09/13/1995	PM_PCB-19_19950913	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-20	09/07/1995	PM_PCB-20_19950907	N	SO	8.7–8.7 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-21	10/24/1995	PM_PCB-21_19951024	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-22	09/13/1995	PM_PCB-22_19950913	N	SO	8.2–8.2 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-23	09/13/1995	PM_PCB-23_19950913	N	SO	8.7–8.7 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-24	10/17/1995	PM_PCB-24_19951017	N	SO	10.4–10.4 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-25	09/13/1995	PM_PCB-25_19950913	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-26	10/11/1995	PM_PCB-26_19951011	N	SO	9.1–9.1 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-27	10/18/1995	PM_PCB-27_19951018	N	SO	9.3–9.3 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-30	09/21/1995	PM_PCB-30_19950921	N	SO	7.4–7.4 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-32	09/21/1995	PM_PCB-32_19950921	N	SO	6.9–6.9 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-39	10/18/1995	PM_PCB-39_19951018	N	SO	9.8–9.8 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-42	09/28/1995	PM_PCB-42_19950928	N	SO	7.7–7.7 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-48	10/04/1995	PM_PCB-48_19951004	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-49	10/17/1995	PM_PCB-49_19951017	N	SO	8.9–8.9 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-50	10/23/1995	PM_PCB-50_19951023	N	SO	9.9–9.9 FT	--	--	--	--	--	--	--	--	--	--	--	
PCB-51	10/24/1995	PM_PCB-51_19951024	N	SO	10.7–10.7 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-1	10/25/1995	PM_TPH-1_19951025	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-2	10/25/1995	PM_TPH-2_19951025	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-3	10/25/1995	PM_TPH-3_19951025	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-4	10/25/1995	PM_TPH-4_19951025	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-5	11/03/1995	PM_TPH-5(7.9)_19951103	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-6	10/31/1995	PM_TPH-6_19951031	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-7	10/31/1995	PM_TPH-7_19951031	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-8	10/31/1995	PM_TPH-8_19951031	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-9	10/31/1995	PM_TPH-9_19951031	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-11	10/31/1995	PM_TPH-11_19951031	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-12	10/31/1995	PM_TPH-12_19951031	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-13	11/02/1995	PM_TPH-13_19951102	N	SO	8.8–8.8 FT	--	--	--	--	--	--	--	--	--	--	--	
TPH-15	11/07/1995	PM_T141-15_2(8.3)_19951107	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	
W-1	07/26/1995	PM_W-1_19950726	N	SO	5.2–5.2 FT	--	--	--	--	--	--	--	--	--	--	--	
W-2	07/26/1995	PM_W-2_19950726	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No.	Aluminum 7429-90-5 Unit mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	na	na	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	3500000	3500	11000	-	140000	2500000	-	-	-	18000	1100000	-	-	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
W-3	07/26/1995	PM_W-3_19950726	N	SO	8.2–8.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-4	07/28/1995	PM_W-4_19950728	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-17	08/03/1995	PM_W-17_19950803	N	SO	7.2–7.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-23	08/10/1995	PM_W-23_19950810	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	920	--	--	
W-30	08/15/1995	PM_W-30_19950815	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	15000	--	--	
W-34	08/22/1995	PM_W-34_19950822	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	130	--	--	
W-36	08/23/1995	PM_W-36_19950823	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	180	--	--	
W-38	08/24/1995	PM_W-38_19950824	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	22000	--	--	
W-39	08/24/1995	PM_W-39_19950824	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	84	--	--	
W-42	08/30/1995	PM_W-42_19950830	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	30	--	--	
W-46	08/31/1995	PM_W-46_19950831	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	85	--	--	
W-48	09/08/1995	PM_W-48_19950908	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	250	--	--	
Finishing Area																					
B_FI	04/14/1995	FI_B-3.0'_19950414	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--	160	--	--	
B-3	11/14/1994	FI_B3(3.0)_19941114	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
B-4	11/14/1994	FI_B4(3.0)_19941114	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
B-5	11/14/1994	FI_B5(3.0)_19941114	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
B-6	11/14/1994	FI_B6(3.0)_19941114	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	510	--	--	
B-10	11/14/1994	FI_B10(3.5)_19941114	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	91	--	--	
B-11	12/08/1994	FI_B11(1.5)_19941208	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	200	--	--	
B-12	12/08/1994	FI_B12(2.0)_19941208	N	SO	2.0–2.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	25	--	--	
C_FI	04/14/1995	FI_C-2.5'_19950414	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	67	--	--	
D_FI	04/14/1995	FI_D-3.0'_19950414	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	29	--	--	
F_FI	04/14/1995	FI_F-5.0'_19950414	N	SO	5.0–5.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	11	--	--	
G_FI	04/14/1995	FI_G-4.5'_19950414	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
J_FI	04/14/1995	FI_J-14.5'_19950414	N	SO	14.5–14.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	15	--	--	
J-1_FI	04/20/1995	FI_J1(2.0')_19950420	N	SO	2.0–2.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
J-2_FI	04/20/1995	FI_J2(3.0')_19950420	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	180	--	--	
K_FI	04/14/1995	FI_K-9.5'_19950414	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	16	--	--	
L_FI	04/14/1995	FI_L-7.5'_19950414	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
M_FI	04/14/1995	FI_M-9.5'_19950414	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	16	--	--	
N-B(2)_FI	11/03/1994	FI_N-B(2)(6.5)_19941103	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	11	--	--	
NNW-SW(2)_FI	11/03/1994	FI_NNW-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	17	--	--	
S(W)-SW(2)_FI	11/03/1994	FI_S(W)-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	18	--	--	
S-B(2)_FI	11/04/1994	FI_S-B(2)(3.5)_19941104	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	32	--	--	
S-SW_FI	11/04/1994	FI_S-SW(2.5)_19941104	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	63	--	--	
TP-5	11/04/1994	FI_TP5(3.0)_19941104	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	640	--	--	
TP-7	12/08/1994	FI_TP7(3.0)_19941208	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	130	--	--	
TP-12	12/08/1994	FI_TP12(4.8)_19941208	N	SO	4.8–4.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	32	--	--	
TP-16	12/08/1994	FI_TP16(3.9)_19941208	N	SO	3.9–3.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	30	--	--	
TP-17	12/08/1994	FI_TP17(4.0)_19941208	N	SO	4.0–4.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	37	--	--	
W-SW(2)_FI	11/03/1994	FI_W-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	33	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	na	na	na	-	-	-	-	-	-	
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	130	-	
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
W-3	07/26/1995	PM_W-3_19950726	N	SO	8.2–8.2 FT	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-4	07/28/1995	PM_W-4_19950728	N	SO	7.8–7.8 FT	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-17	08/03/1995	PM_W-17_19950803	N	SO	7.2–7.2 FT	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-23	08/10/1995	PM_W-23_19950810	N	SO	2–2 FT	320	--	--	--	--	--	--	--	--	--	--	--	--	
W-30	08/15/1995	PM_W-30_19950815	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-34	08/22/1995	PM_W-34_19950822	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-36	08/23/1995	PM_W-36_19950823	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-38	08/24/1995	PM_W-38_19950824	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-39	08/24/1995	PM_W-39_19950824	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-42	08/30/1995	PM_W-42_19950830	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-46	08/31/1995	PM_W-46_19950831	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-48	09/08/1995	PM_W-48_19950908	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
Finishing Area																			
B_FI	04/14/1995	FI_B-3.0'_19950414	N	SO	3–3 FT	290	--	--	--	--	--	--	--	--	--	--	--	--	
B-3	11/14/1994	FI_B3(3.0)_19941114	N	SO	3.0–3.0 FT	52	--	--	--	--	--	--	--	--	--	--	--	--	
B-4	11/14/1994	FI_B4(3.0)_19941114	N	SO	3.0–3.0 FT	32	--	--	--	--	--	--	--	--	--	--	--	--	
B-5	11/14/1994	FI_B5(3.0)_19941114	N	SO	3.0–3.0 FT	25	--	--	--	--	--	--	--	--	--	--	--	--	
B-6	11/14/1994	FI_B6(3.0)_19941114	N	SO	3.0–3.0 FT	360	--	--	--	--	--	--	--	--	--	--	--	--	
B-10	11/14/1994	FI_B10(3.5)_19941114	N	SO	3.5–3.5 FT	250	--	--	--	--	--	--	--	--	--	--	--	--	
B-11	12/08/1994	FI_B11(1.5)_19941208	N	SO	1.5–1.5 FT	190	--	--	--	--	--	--	--	--	--	--	--	--	
B-12	12/08/1994	FI_B12(2.0)_19941208	N	SO	2.0–2.0 FT	110	--	--	--	--	--	--	--	--	--	--	--	--	
C_FI	04/14/1995	FI_C-2.5'_19950414	N	SO	2.5–2.5 FT	110	--	--	--	--	--	--	--	--	--	--	--	--	
D_FI	04/14/1995	FI_D-3.0'_19950414	N	SO	3.0–3.0 FT	97	--	--	--	--	--	--	--	--	--	--	--	--	
F_FI	04/14/1995	FI_F-5.0'_19950414	N	SO	5.0–5.0 FT	32	--	--	--	--	--	--	--	--	--	--	--	--	
G_FI	04/14/1995	FI_G-4.5'_19950414	N	SO	4.5–4.5 FT	27	--	--	--	--	--	--	--	--	--	--	--	--	
J_FI	04/14/1995	FI_J-14.5'_19950414	N	SO	14.5–14.5 FT	33	--	--	--	--	--	--	--	--	--	--	--	--	
J-1_FI	04/20/1995	FI_J1(2.0')_19950420	N	SO	2.0–2.0 FT	62	--	--	--	--	--	--	--	--	--	--	--	--	
J-2_FI	04/20/1995	FI_J2(3.0')_19950420	N	SO	3.0–3.0 FT	240	--	--	--	--	--	--	--	--	--	--	--	--	
K_FI	04/14/1995	FI_K-9.5'_19950414	N	SO	9.5–9.5 FT	34	--	--	--	--	--	--	--	--	--	--	--	--	
L_FI	04/14/1995	FI_L-7.5'_19950414	N	SO	7.5–7.5 FT	27	--	--	--	--	--	--	--	--	--	--	--	--	
M_FI	04/14/1995	FI_M-9.5'_19950414	N	SO	9.5–9.5 FT	37	--	--	--	--	--	--	--	--	--	--	--	--	
N-B(2)_FI	11/03/1994	FI_N-B(2)(6.5)_19941103	N	SO	6.5–6.5 FT	30	--	--	--	--	--	--	--	--	--	--	--	--	
NNW-SW(2)_FI	11/03/1994	FI_NNW-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	< 10 U	--	--	--	--	--	--	--	--	--	--	--	--	
S(W)-SW(2)_FI	11/03/1994	FI_S(W)-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	61	--	--	--	--	--	--	--	--	--	--	--	--	
S-B(2)_FI	11/04/1994	FI_S-B(2)(3.5)_19941104	N	SO	3.5–3.5 FT	87	--	--	--	--	--	--	--	--	--	--	--	--	
S-SW_FI	11/04/1994	FI_S-SW(2.5)_19941104	N	SO	2.5–2.5 FT	230	--	--	--	--	--	--	--	--	--	--	--	--	
TP-5	11/04/1994	FI_TP5(3.0)_19941104	N	SO	3.0–3.0 FT	250	--	--	--	--	--	--	--	--	--	--	--	--	
TP-7	12/08/1994	FI_TP7(3.0)_19941208	N	SO	3.0–3.0 FT	380	--	--	--	--	--	--	--	--	--	--	--	--	
TP-12	12/08/1994	FI_TP12(4.8)_19941208	N	SO	4.8–4.8 FT	110	--	--	--	--	--	--	--	--	--	--	--	--	
TP-16	12/08/1994	FI_TP16(3.9)_19941208	N	SO	3.9–3.9 FT	66	--	--	--	--	--	--	--	--	--	--	--	--	
TP-17	12/08/1994	FI_TP17(4.0)_19941208	N	SO	4.0–4.0 FT	51	--	--	--	--	--	--	--	--	--	--	--	--	
W-SW(2)_FI	11/03/1994	FI_W-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	100	--	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	-	-	-	-	-	-	-	-	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	70000	-	-	140000	140000	-	70000	-	110000	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	9400	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
W-3	07/26/1995	PM_W-3_19950726	N	SO	8.2–8.2 FT	--	--	--	--	--	--	--	--	--	--	--	
W-4	07/28/1995	PM_W-4_19950728	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	
W-17	08/03/1995	PM_W-17_19950803	N	SO	7.2–7.2 FT	--	--	--	--	--	--	--	--	--	--	--	
W-23	08/10/1995	PM_W-23_19950810	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	
W-30	08/15/1995	PM_W-30_19950815	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	
W-34	08/22/1995	PM_W-34_19950822	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	
W-36	08/23/1995	PM_W-36_19950823	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	
W-38	08/24/1995	PM_W-38_19950824	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	
W-39	08/24/1995	PM_W-39_19950824	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	
W-42	08/30/1995	PM_W-42_19950830	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	
W-46	08/31/1995	PM_W-46_19950831	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	
W-48	09/08/1995	PM_W-48_19950908	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	
Finishing Area																	
B_FI	04/14/1995	FI_B-3.0'_19950414	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	
B-3	11/14/1994	FI_B3(3.0)_19941114	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
B-4	11/14/1994	FI_B4(3.0)_19941114	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
B-5	11/14/1994	FI_B5(3.0)_19941114	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
B-6	11/14/1994	FI_B6(3.0)_19941114	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
B-10	11/14/1994	FI_B10(3.5)_19941114	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
B-11	12/08/1994	FI_B11(1.5)_19941208	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	
B-12	12/08/1994	FI_B12(2.0)_19941208	N	SO	2.0–2.0 FT	--	--	--	--	--	--	--	--	--	--	--	
C_FI	04/14/1995	FI_C-2.5'_19950414	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
D_FI	04/14/1995	FI_D-3.0'_19950414	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
F_FI	04/14/1995	FI_F-5.0'_19950414	N	SO	5.0–5.0 FT	--	--	--	--	--	--	--	--	--	--	--	
G_FI	04/14/1995	FI_G-4.5'_19950414	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	
J_FI	04/14/1995	FI_J-14.5'_19950414	N	SO	14.5–14.5 FT	--	--	--	--	--	--	--	--	--	--	--	
J-1_FI	04/20/1995	FI_J1(2.0')_19950420	N	SO	2.0–2.0 FT	--	--	--	--	--	--	--	--	--	--	--	
J-2_FI	04/20/1995	FI_J2(3.0')_19950420	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
K_FI	04/14/1995	FI_K-9.5'_19950414	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	
L_FI	04/14/1995	FI_L-7.5'_19950414	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	
M_FI	04/14/1995	FI_M-9.5'_19950414	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	
N-B(2)_FI	11/03/1994	FI_N-B(2)(6.5)_19941103	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	
NNW-SW(2)_FI	11/03/1994	FI_NNW-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
S(W)-SW(2)_FI	11/03/1994	FI_S(W)-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
S-B(2)_FI	11/04/1994	FI_S-B(2)(3.5)_19941104	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
S-SW_FI	11/04/1994	FI_S-SW(2.5)_19941104	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
TP-5	11/04/1994	FI_TP5(3.0)_19941104	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
TP-7	12/08/1994	FI_TP7(3.0)_19941208	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	
TP-12	12/08/1994	FI_TP12(4.8)_19941208	N	SO	4.8–4.8 FT	--	--	--	--	--	--	--	--	--	--	--	
TP-16	12/08/1994	FI_TP16(3.9)_19941208	N	SO	3.9–3.9 FT	--	--	--	--	--	--	--	--	--	--	--	
TP-17	12/08/1994	FI_TP17(4.0)_19941208	N	SO	4.0–4.0 FT	--	--	--	--	--	--	--	--	--	--	--	
W-SW(2)_FI	11/03/1994	FI_W-SW(2)(3.0)_19941103	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Location	Date	Sample	Sample Type	Matrix	Depth Range	Chemical	Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	Extended Diesel Range Organics	TPH as Gasoline Range Organics	
						Cas No.	7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	TPH	DRO	EXT-DRO	GRO	
Unit						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Industrial Cleanup Level						-	na	na	-	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹	
July 2024 MTCA Method C Noncancer Industrial Cleanup Level						3500000	3500	11000	-	-	140000	2500000	-	-	-	18000	1100000	-	-	-	-	
July 2024 MTCA Method C Cancer Industrial Cleanup Level						-	-	260	-	-	-	-	-	-	-	-	-	-	-	-	-	
Silvichemical Area																						
C-9	06/22/1992	SC_C-9_0-1FT_19920622	N	SO	0-1 FT	460	--	--	16000	23	1500	--	--	--	--	320	--	--	--	--		
C-9	06/22/1992	SC_C-9_1FT_19920622	N	SO	1-1 FT	10000	--	--	1100	35	23000	--	--	--	--	75	--	--	--	--		
C-10	06/22/1992	SC_C-10_0-1FT_19920622	N	SO	0-1 FT	11000	--	--	1400	46	30000	--	--	--	--	320	--	--	--	--		
C-10	06/22/1992	SC_C-10_1 FT_19920622	N	SO	1-1 FT	12000	--	--	1400	44	35000	--	--	--	--	110	--	--	--	--		
C-14	06/22/1992	SC_C-14_0-1FT_19920622	N	SO	0-1 FT	18000	--	--	200	32	32000	--	--	--	--	54	--	--	--	--		
C-14	06/22/1992	SC_C-14_1 FT_19920622	N	SO	1-1 FT	21000	--	--	31	26	20000	--	--	--	--	38	--	--	--	--		
C-15	06/22/1992	SC_C-15_0-1FT_19920622	N	SO	0-1 FT	17000	--	--	6000	100	23000	--	--	--	--	540	--	--	--	--		
C-15	06/22/1992	SC_C-15_1 FT_19920622	N	SO	1-1 FT	11000	--	--	190	57	22000	--	--	--	--	60	--	--	--	--		
C-20	08/27/1992	SC_C-20_0-1FT_19920827	N	SO	0-1 FT	--	--	< 0.05 U	14	--	--	--	--	--	--	--	--	--	--	--		
C-20	08/27/1992	SC_C-20_1 FT_19920827	N	SO	1-1 FT	--	--	< 0.05 U	12	--	--	--	--	--	--	--	--	--	--	--		
C-21	08/27/1992	SC_C-21_0-1FT_19920827	N	SO	0-1 FT	--	--	< 0 U	4900	--	--	--	--	--	--	--	--	--	--	--		
C-21	08/27/1992	SC_C-21_1 FT_19920827	N	SO	1-1 FT	--	--	< 0 U	11000	--	--	--	--	--	--	--	--	--	--	--		
C-21	08/27/1992	SC_C-21_3 FT_19920827	N	SO	3-3 FT	--	--	< 0.05 U	1100	--	--	--	--	--	--	--	--	--	--	--		
C-36	06/15/1993	SC_C-36_4 FT_19930615	N	SO	4-4 FT	--	--	--	120	--	--	--	--	--	--	--	--	--	--	--		
C-36	06/15/1993	SC_C-36_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--		
C-37	06/15/1993	SC_C-37_4 FT_19930615	N	SO	4-4 FT	--	--	--	10	--	--	--	--	--	--	--	--	--	--	--		
C-37	06/15/1993	SC_C-37_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	12	--	--	--	--	--	--	--	--	--	--	--		
C-38	06/15/1993	SC_C-38_4 FT_19930615	N	SO	4-4 FT	--	--	--	56	--	--	--	--	--	--	--	--	--	--	--		
C-38	06/15/1993	SC_C-38_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	290	--	--	--	--	--	--	--	--	--	--	--		
C-40	06/15/1993	SC_C-40_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	27	--	--	--	--	--	--	--	--	--	--	--		
C-40	06/15/1993	SC_C-40_4 FT_19930615	N	SO	4-4 FT	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--		
C-41	06/15/1993	SC_C-41_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	0.4	2060	--	--	--	--	--	--	--	--	--	--	--		
C-41	06/15/1993	SC_C-41_4 FT_19930615	N	SO	4-4 FT	--	--	0.3	3510	--	--	--	--	--	--	--	--	--	--	--		
C-42	06/15/1993	SC_C-42_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	0.1	2410	--	--	--	--	--	--	--	--	--	--	--		
C-42	06/15/1993	SC_C-42_4 FT_19930615	N	SO	4-4 FT	--	--	0.2	424	--	--	--	--	--	--	--	--	--	--	--		
C-42A	06/16/1993	SC_C-42A_2 FT_19930616	N	SO	2-2 FT	--	--	--	41	--	--	--	--	--	--	--	--	--	--	--		
C-42A	06/16/1993	SC_C-42A_4 FT_19930616	N	SO	4-4 FT	--	--	--	< 10 U	--	--	--	--	--	--	--	--	--	--	--		
C-43	06/15/1993	SC_C-43_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	0.1	64	--	--	--	--	--	--	--	--	--	--	--		
C-43	06/15/1993	SC_C-43_4 FT_19930615	N	SO	4-4 FT	--	--	0.5	2570	--	--	--	--	--	--	--	--	--	--	--		
C-43A	06/16/1993	SC_C-43A_2 FT_19930616	N	SO	2-2 FT	--	--	--	26	--	--	--	--	--	--	--	--	--	--	--		
C-43A	06/16/1993	SC_C-43A_3.5 FT_19930616	N	SO	3.5-3.5 FT	--	--	--	38	--	--	--	--	--	--	--	--	--	--	--		
C-43A	06/16/1993	SC_C-43A_5 FT_19930616	N	SO	5-5 FT	--	--	--	579	--	--	--	--	--	--	--	--	--	--	--		
C-44	06/15/1993	SC_C-44_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	2.1	864	--	--	--	--	--	--	--	--	--	--	--		
C-44	06/15/1993	SC_C-44_4 FT_19930615	N	SO	4-4 FT	--	--	< 0.1 U	296	--	--	--	--	--	--	--	--	--	--	--		
C-44A	06/16/1993	SC_C-44A_2 FT_19930616	N	SO	2-2 FT	--	--	--	23	--	--	--	--	--	--	--	--	--	--	--		
C-44A	06/16/1993	SC_C-44A_3.5 FT_19930616	N	SO	3.5-3.5 FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--		
C-45	06/15/1993	SC_C-45_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	< 0.1 U	21	--	--	--	--	--	--	--	--	--	--	--		
C-45	06/15/1993	SC_C-45_4 FT_19930615	N	SO	4-4 FT	--	--	< 0.1 U	44	--	--	--	--	--	--	--	--	--	--	--		
C-46	06/15/1993	SC_C-46_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	3.6	439	--	--	--	--	--	--	--	--	--	--	--		
C-46	06/15/1993	SC_C-46_4 FT_19930615	N	SO	4-4 FT	--	--	1.4	1830	--	--	--	--	--	--	--	--	--	--	--		
C-47	06/16/1993	SC_C-47_2 FT_19930616	N	SO	2-2 FT	--	--	--	731	--	--	--	--	--	--	--	--	--	--	--		

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Location	Date	Sample	Sample Type	Matrix	Depth Range	Chemical	TPH as Motor Oil	Polychlorinated	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	Acenaphthene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene
						Cas No.	Range Organics	Biphenyl (PCBs)	71-43-2	108-88-3	100-41-4	1330-20-7	C-602X-T	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2
						Unit	MRO	1336-36-3	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	14000	280000	350000	700000	-	210000	1100000	-	1100	-
July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	-						
July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	-	-	130	-	-				
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Silvichemical Area																			
C-9	06/22/1992	SC_C-9_0-1FT_19920622	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	06/22/1992	SC_C-9_1FT_19920622	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	SC_C-10_0-1FT_19920622	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	SC_C-10_1 FT_19920622	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	SC_C-14_0-1FT_19920622	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	SC_C-14_1 FT_19920622	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	SC_C-15_0-1FT_19920622	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	SC_C-15_1 FT_19920622	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	SC_C-20_0-1FT_19920827	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	SC_C-20_1 FT_19920827	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	SC_C-21_0-1FT_19920827	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	SC_C-21_1 FT_19920827	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	SC_C-21_3 FT_19920827	N	SO	3-3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	SC_C-36_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	SC_C-36_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	SC_C-37_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	SC_C-37_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	SC_C-38_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	SC_C-38_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	SC_C-40_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	SC_C-40_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	SC_C-41_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	SC_C-41_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	SC_C-42_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	SC_C-42_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	SC_C-42A_2 FT_19930616	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	SC_C-42A_4 FT_19930616	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	SC_C-43_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	SC_C-43_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	SC_C-43A_2 FT_19930616	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	SC_C-43A_3.5 FT_19930616	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	SC_C-43A_5 FT_19930616	N	SO	5-5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	SC_C-44_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	SC_C-44_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	SC_C-44A_2 FT_19930616	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	SC_C-44A_3.5 FT_19930616	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	SC_C-45_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	SC_C-45_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	SC_C-46_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	SC_C-46_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-47	06/16/1993	SC_C-47_2 FT_19930616	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	-	-	-	-	-	-	na	-	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	70000	-	-	140000	140000	-	70000	-	110000	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	9400	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Silvichemical Area																	
C-9	06/22/1992	SC_C-9_0-1FT_19920622	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-9	06/22/1992	SC_C-9_1FT_19920622	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-10	06/22/1992	SC_C-10_0-1FT_19920622	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-10	06/22/1992	SC_C-10_1 FT_19920622	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-14	06/22/1992	SC_C-14_0-1FT_19920622	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-14	06/22/1992	SC_C-14_1 FT_19920622	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-15	06/22/1992	SC_C-15_0-1FT_19920622	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-15	06/22/1992	SC_C-15_1 FT_19920622	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-20	08/27/1992	SC_C-20_0-1FT_19920827	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-20	08/27/1992	SC_C-20_1 FT_19920827	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-21	08/27/1992	SC_C-21_0-1FT_19920827	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-21	08/27/1992	SC_C-21_1 FT_19920827	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	
C-21	08/27/1992	SC_C-21_3 FT_19920827	N	SO	3-3 FT	--	--	--	--	--	--	--	--	--	--	--	
C-36	06/15/1993	SC_C-36_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-36	06/15/1993	SC_C-36_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-37	06/15/1993	SC_C-37_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-37	06/15/1993	SC_C-37_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-38	06/15/1993	SC_C-38_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-38	06/15/1993	SC_C-38_5.5 FT_19930615	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-40	06/15/1993	SC_C-40_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-40	06/15/1993	SC_C-40_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-41	06/15/1993	SC_C-41_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-41	06/15/1993	SC_C-41_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-42	06/15/1993	SC_C-42_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-42	06/15/1993	SC_C-42_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-42A	06/16/1993	SC_C-42A_2 FT_19930616	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	
C-42A	06/16/1993	SC_C-42A_4 FT_19930616	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-43	06/15/1993	SC_C-43_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-43	06/15/1993	SC_C-43_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-43A	06/16/1993	SC_C-43A_2 FT_19930616	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	
C-43A	06/16/1993	SC_C-43A_3.5 FT_19930616	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-43A	06/16/1993	SC_C-43A_5 FT_19930616	N	SO	5-5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-44	06/15/1993	SC_C-44_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-44	06/15/1993	SC_C-44_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-44A	06/16/1993	SC_C-44A_2 FT_19930616	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	
C-44A	06/16/1993	SC_C-44A_3.5 FT_19930616	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-45	06/15/1993	SC_C-45_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-45	06/15/1993	SC_C-45_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-46	06/15/1993	SC_C-46_2.5 FT_19930615	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-46	06/15/1993	SC_C-46_4 FT_19930615	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-47	06/16/1993	SC_C-47_2 FT_19930616	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No.	Aluminum 7429-90-5 Unit mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	na	na	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	3500000	3500	11000	-	140000	2500000	-	-	-	18000	1100000	-	-	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
C-48	06/15/1993	SC_C-48_2.5 FT_19930615	N	SO	2.5–2.5 FT	--	--	0.3	112	--	--	--	--	--	--	--	--	--	--	--	
C-48	06/15/1993	SC_C-48_4 FT_19930615	N	SO	4–4 FT	--	--	< 0.1 U	163	--	--	--	--	--	--	--	--	--	--	--	
C-49	06/15/1993	SC_C-49_2.5 FT_19930615	N	SO	2.5–2.5 FT	--	--	--	39	--	--	--	--	--	--	--	--	--	--	--	
C-49	06/16/1993	SC_C-49_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	57	--	--	--	--	--	--	--	--	--	--	--	
C-49	06/16/1993	SC_C-49_5 FT_19930616	N	SO	5–5 FT	--	--	--	65	--	--	--	--	--	--	--	--	--	--	--	
C-50	06/16/1993	SC_C-50_2 FT_19930616	N	SO	2–2 FT	--	--	--	42	--	--	--	--	--	--	--	--	--	--	--	
C-50	06/16/1993	SC_C-50_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	97	--	--	--	--	--	--	--	--	--	--	--	
C-51	06/16/1993	SC_C-51_2 FT_19930616	N	SO	2–2 FT	--	--	--	61	--	--	--	--	--	--	--	--	--	--	--	
C-51	06/16/1993	SC_C-51_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	2260	--	--	--	--	--	--	--	--	--	--	--	
C-51A	06/16/1993	SC_C-51A_2.5 FT_19930616	N	SO	2.5–2.5 FT	--	--	--	33	--	--	--	--	--	--	--	--	--	--	--	
C-51A	06/16/1993	SC_C-51A_4 FT_19930616	N	SO	4–4 FT	--	--	--	32	--	--	--	--	--	--	--	--	--	--	--	
C-51A	06/16/1993	SC_C-51A_4.5 FT_19930616	N	SO	4.5–4.5 FT	--	--	--	46	--	--	--	--	--	--	--	--	--	--	--	
C-52	06/16/1993	SC_C-52_4 FT_19930616	N	SO	4–4 FT	--	--	--	44	--	--	--	--	--	--	--	--	--	--	--	
C-52	06/16/1993	SC_C-52_5.5 FT_19930616	N	SO	5.5–5.5 FT	--	--	--	< 10 U	--	--	--	--	--	--	--	--	--	--	--	
MW-1	06/15/1993	SC_MW-1_4 FT_19930615	N	SO	4–4 FT	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	
MW-1	06/15/1993	SC_MW-1_5.5 FT_19930615	N	SO	5.5–5.5 FT	--	--	--	50	--	--	--	--	--	--	--	--	--	--	--	
MW-4	06/17/1993	PH_MW-4_4FT_19930617	N	SO	4–4 FT	--	--	--	56	--	--	--	--	--	--	--	--	< 10 U	--	--	
MW-6	06/24/1993	SC_MW-6_6.5 FT_19930624	N	SO	6.5–6.5 FT	--	--	--	22	--	--	--	--	--	--	--	--	--	--	--	
MW-7	06/24/1993	SC_MW-7_6.5 FT_19930624	N	SO	6.5–6.5 FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--	
Log Yard Area																					
LS-4	08/24/1994	LS_LS-4 (7)_19940824	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--	20	< 50 U	--	
LS-4	08/24/1994	LS_LS-4(7)_19940824	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-4	08/31/1994	LS_LS-4 (7)_19940831	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	30	20	--	--	
LS-6B	08/01/1994	LS_LS-6B (3)_19940801	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	800	20	310	--	
LS-6B	08/04/1994	LS_LS-6B_19940804	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	20	--	--	
LS-14	08/24/1994	LS_LS-14 (10)_19940824	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	20	50	--	
LS-14	08/31/1994	LS_LS-14(10)_19940831	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	10	20	--	--	
LS-15B	08/01/1994	LS_LS-15B (2)_19940801	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	120	80	280	--	
LS-15B	08/04/1994	LS_LS-15B_19940804	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	80	--	--	
LS-17A	09/09/1994	LS_LS-17A (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	100	--	--	--	--	--	--	--	--	
LS-17A	09/09/1994	LS_LS-17A (9)_19940909	N	SO	9–9 FT	--	--	--	--	--	--	140	--	--	--	--	--	--	--	--	
LS-17B	09/09/1994	LS_LS-17B (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	200	--	--	--	--	--	--	--	--	
LS-17B	09/09/1994	LS_LS-17B (10)_19940909	N	SO	10–10 FT	--	--	--	--	--	--	130	--	--	--	--	--	--	--	--	
LS-17C	09/09/1994	LS_LS-17C (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	110	--	--	--	--	--	--	--	--	
LS-17C	09/09/1994	LS_LS-17C (9)_19940909	N	SO	9–9 FT	--	--	--	--	--	--	170	--	--	--	--	--	--	--	--	
LS-18	08/24/1994	LS_LS-18 (2)_19940824	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	100	290	--	
LS-18	08/31/1994	LS_LS-18(2)_19940831	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	270	60	--	--	
LS-24	08/24/1994	LS_LS-24 (10)_19940824	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	40	190	--	
LS-24	08/24/1994	LS_LS-24(10)_19940824	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-24	08/31/1994	LS_LS-24(10)_19940831	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	110	40	--	--	
LS-27	08/31/1994	LS_LS-27(10)_19940831	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	< 10 U	100	< 50 U	--	
LS-27	08/24/1994	LS_LS-27 (10)_19940824	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	30	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	na	na	na	-	-	-	-	-	-	
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	130	-	
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
C-48	06/15/1993	SC_C-48_2.5 FT_19930615	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-48	06/15/1993	SC_C-48_4 FT_19930615	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-49	06/15/1993	SC_C-49_2.5 FT_19930615	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-49	06/16/1993	SC_C-49_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-49	06/16/1993	SC_C-49_5 FT_19930616	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-50	06/16/1993	SC_C-50_2 FT_19930616	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-50	06/16/1993	SC_C-50_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-51	06/16/1993	SC_C-51_2 FT_19930616	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-51	06/16/1993	SC_C-51_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-51A	06/16/1993	SC_C-51A_2.5 FT_19930616	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-51A	06/16/1993	SC_C-51A_4 FT_19930616	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-51A	06/16/1993	SC_C-51A_4.5 FT_19930616	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-52	06/16/1993	SC_C-52_4 FT_19930616	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
C-52	06/16/1993	SC_C-52_5.5 FT_19930616	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	06/15/1993	SC_MW-1_4 FT_19930615	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-1	06/15/1993	SC_MW-1_5.5 FT_19930615	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-4	06/17/1993	PH_MW-4_4FT_19930617	N	SO	4–4 FT	49	--	--	--	--	--	--	--	--	--	--	--	--	
MW-6	06/24/1993	SC_MW-6_6.5 FT_19930624	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-7	06/24/1993	SC_MW-7_6.5 FT_19930624	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
Log Yard Area																			
LS-4	08/24/1994	LS_LS-4 (7)_19940824	N	SO	7–7 FT	30	--	--	--	--	--	--	--	--	--	--	--	--	
LS-4	08/24/1994	LS_LS-4(7)_19940824	N	SO	7–7 FT	360	--	--	--	--	--	--	--	--	--	--	--	--	
LS-4	08/31/1994	LS_LS-4 (7)_19940831	N	SO	7–7 FT	< 50 U	--	--	--	--	--	--	--	--	--	--	--	--	
LS-6B	08/01/1994	LS_LS-6B (3)_19940801	N	SO	3–3 FT	800	--	--	--	--	--	--	--	--	--	--	--	--	
LS-6B	08/04/1994	LS_LS-6B_19940804	N	SO		310	--	--	--	--	--	--	--	--	--	--	--	--	
LS-14	08/24/1994	LS_LS-14 (10)_19940824	N	SO	10–10 FT	10	--	--	--	--	--	--	--	--	--	--	--	--	
LS-14	08/31/1994	LS_LS-14(10)_19940831	N	SO	10–10 FT	50	--	--	--	--	--	--	--	--	--	--	--	--	
LS-15B	08/01/1994	LS_LS-15B (2)_19940801	N	SO	2–2 FT	120	--	--	--	--	--	--	--	--	--	--	--	--	
LS-15B	08/04/1994	LS_LS-15B_19940804	N	SO		280	--	--	--	--	--	--	--	--	--	--	--	--	
LS-17A	09/09/1994	LS_LS-17A (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-17A	09/09/1994	LS_LS-17A (9)_19940909	N	SO	9–9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-17B	09/09/1994	LS_LS-17B (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-17B	09/09/1994	LS_LS-17B (10)_19940909	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-17C	09/09/1994	LS_LS-17C (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-17C	09/09/1994	LS_LS-17C (9)_19940909	N	SO	9–9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-18	08/24/1994	LS_LS-18 (2)_19940824	N	SO	2–2 FT	270	--	--	--	--	--	--	--	--	--	--	--	--	
LS-18	08/31/1994	LS_LS-18(2)_19940831	N	SO	2–2 FT	190	--	--	--	--	--	--	--	--	--	--	--	--	
LS-24	08/24/1994	LS_LS-24 (10)_19940824	N	SO	10–10 FT	110	--	--	--	--	--	--	--	--	--	--	--	--	
LS-24	08/24/1994	LS_LS-24(10)_19940824	N	SO	10–10 FT	1200	--	--	--	--	--	--	--	--	--	--	--	--	
LS-24	08/31/1994	LS_LS-24(10)_19940831	N	SO	10–10 FT	190	--	--	--	--	--	--	--	--	--	--	--	--	
LS-27	08/31/1994	LS_LS-27(10)_19940831	N	SO	10–10 FT	290	--	--	--	--	--	--	--	--	--	--	--	--	
LS-27	08/24/1994	LS_LS-27 (10)_19940824	N	SO	10–10 FT	< 10 U	--	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
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Hoquiam, Washington

						Chemical	Benzo[k] fluoranthene	Bis(2-Ethylhexyl) Phthalate	Chrysene	Dibenz[a,h] anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D) Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs
						Cas No.	207-08-9	117-81-7	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	PAHs_other
						Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	-	-	-	-	-	-	na	-	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	70000	-	-	140000	140000	-	70000	-	110000	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	9400	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-48	06/15/1993	SC_C-48_2.5 FT_19930615	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	SC_C-48_4 FT_19930615	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/15/1993	SC_C-49_2.5 FT_19930615	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	SC_C-49_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	SC_C-49_5 FT_19930616	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	SC_C-50_2 FT_19930616	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	SC_C-50_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	SC_C-51_2 FT_19930616	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	SC_C-51_3.5 FT_19930616	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	SC_C-51A_2.5 FT_19930616	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	SC_C-51A_4 FT_19930616	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	SC_C-51A_4.5 FT_19930616	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	SC_C-52_4 FT_19930616	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	SC_C-52_5.5 FT_19930616	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	SC_MW-1_4 FT_19930615	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	SC_MW-1_5.5 FT_19930615	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/17/1993	PH_MW-4_4FT_19930617	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/24/1993	SC_MW-6_6.5 FT_19930624	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/24/1993	SC_MW-7_6.5 FT_19930624	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
Log Yard Area																	
LS-4	08/24/1994	LS_LS-4 (7)_19940824	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/24/1994	LS_LS-4(7)_19940824	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/31/1994	LS_LS-4 (7)_19940831	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-6B	08/01/1994	LS_LS-6B (3)_19940801	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-6B	08/04/1994	LS_LS-6B_19940804	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/24/1994	LS_LS-14 (10)_19940824	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/31/1994	LS_LS-14(10)_19940831	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/01/1994	LS_LS-15B (2)_19940801	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/04/1994	LS_LS-15B_19940804	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	LS_LS-17A (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	LS_LS-17A (9)_19940909	N	SO	9–9 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	LS_LS-17B (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	LS_LS-17B (10)_19940909	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	LS_LS-17C (8)_19940909	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	LS_LS-17C (9)_19940909	N	SO	9–9 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/24/1994	LS_LS-18 (2)_19940824	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/31/1994	LS_LS-18(2)_19940831	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	LS_LS-24 (10)_19940824	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	LS_LS-24(10)_19940824	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/31/1994	LS_LS-24(10)_19940831	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/31/1994	LS_LS-27(10)_19940831	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/24/1994	LS_LS-27 (10)_19940824	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix H
 Post-Interim Action Soil Data Screening – Industrial
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

						Chemical Cas No.	Aluminum 7429-90-5	Cadmium 7440-43-9	Chromium, hexavalent 18540-29-9	Chromium, total 7440-47-3	Copper 7440-50-8	Iron 7439-89-6	Lead 7439-92-1	Mercury 7439-97-6	Nickel 7440-02-0	Silver 7440-22-4	Zinc 7440-66-6	Total Petroleum Hydrocarbons TPH	TPH as Diesel Range Organics DRO	Extended Diesel Range Organics EXT-DRO	TPH as Gasoline Range Organics GRO
						Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	na	na	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	3500000	3500	11000	-	140000	2500000	-	-	-	18000	1100000	-	-	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
LS-36	08/24/1994	LS_LS-36 (13)_19940824	N	SO	13-13 FT	--	--	--	--	--	--	--	--	--	--	--	--	40	90	--	
LS-37	08/31/1994	LS_LS-37(13)_19940831	N	SO	13-13 FT	--	--	--	--	--	--	--	--	--	--	--	10	30	--	--	
LS-38B	08/01/1994	LS_LS-38B (5)_19940801	N	SO	5-5 FT	--	--	--	--	--	--	--	--	--	--	--	320	< 20 U	340	--	
LS-38B	08/04/1994	LS_LS-38B_19940804	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	< 20 U	--	--	
LS-41	08/24/1994	LS_LS-41 (6)_19940824	N	SO	6-6 FT	--	--	--	--	--	--	--	--	--	--	--	--	60	190	--	
LS-41	08/31/1994	LS_LS-41(6)_19940831	N	SO	6-6 FT	--	--	--	--	--	--	--	--	--	--	--	100	40	--	--	
LS-49B	08/01/1994	LS_LS-49B (2)_19940801	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	340	30	340	--	
LS-55B	08/01/1994	LS_LS-55B (6.5)_19940801	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--	120	30	420	--	
LS-55B	08/04/1994	LS_LS-55B_19940804	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	30	--	--	
LS-58	10/18/1993	OSUC_LS-58(10)_19931018	N	SO	10-10 FT	--	--	--	51	--	--	15	--	--	--	--	--	--	--	--	
LS-58	10/18/1993	OSUC_LS-58(3')_19931018	N	SO	3-3 FT	--	--	--	47	--	--	15	--	--	--	--	--	--	--	--	
LS-58	10/18/1993	OSUC_LS-58(6.5)_19931018	N	SO	6.5-6.5 FT	--	--	--	47	--	--	< 10 U	--	--	--	--	--	--	--	--	
Fuel Oil Tank/Utility Chase Area																					
E-1	09/30/1996	OSUC_E-1_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	21.6	--	--
E-2	09/30/1996	OSUC_E-2_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	42.3	--	--
E-3	09/30/1996	OSUC_E-3_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	85.9	--	--
E-4	09/30/1996	OSUC_E-4_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	7230	--	--
E-5	09/30/1996	OSUC_E-5_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	51.8	--	--
LB-1	10/15/1993	OSUC_LB-1_10FT_19931015	N	SO	10-10 FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--	--
LB-1	10/15/1993	OSUC_LB-1_1FT_19931015	N	SO	1-1 FT	--	--	--	35	--	--	18	--	--	--	--	--	--	< 25 U	--	--
LB-1	10/15/1993	OSUC_LB-1_5FT_19931015	N	SO	5-5 FT	--	--	--	32	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--	--
LB-2	10/15/1993	OSUC_LB-2_10FT_19931015	N	SO	10-10 FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--	--
LB-2	10/15/1993	OSUC_LB-2_1FT_19931015	N	SO	1-1 FT	--	--	--	49	--	--	57	--	--	--	--	--	--	100	--	--
LB-2	10/15/1993	OSUC_LB-2_5FT_19931015	N	SO	5-5 FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--	--
LB-4	10/15/1993	OSUC_LB-4_1FT_19931015	N	SO	1-1 FT	--	--	--	23	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--	--
LB-4	10/15/1993	OSUC_LB-4_3.5FT_19931015	N	SO	3.5-3.5 FT	--	--	--	19	--	--	37	--	--	--	--	--	--	12	--	--
LB-4	10/15/1993	OSUC_LB-4_6FT_19931015	N	SO	6-6 FT	--	--	--	24	--	--	< 10 U	--	--	--	--	--	--	12	--	--
UC-1	10/18/1993	OSUC_UC-1_1.5FT_19931018	N	SO	1.5-1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	22	--	--
UC-1	10/18/1993	OSUC_UC-1_10FT_19931018	N	SO	10-10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	12	--	--
UC-1	10/18/1993	OSUC_UC-1_6FT_19931018	N	SO	6-6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--	--
UC-2	10/18/1993	OSUC_UC-2_1.5FT_19931018	N	SO	1.5-1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	10	--	--
UC-2	10/18/1993	OSUC_UC-2_10FT_19931018	N	SO	10-10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--	--
UC-2	10/18/1993	OSUC_UC-2_6.5FT_19931018	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--	--
UC-3	10/18/1993	OSUC_UC-3_2FT_19931018	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	81	--	--
UC-3	10/18/1993	OSUC_UC-3_7FT_19931018	N	SO	7-7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	22	--	--
UC-4	10/18/1993	OSUC_UC-4_2FT_19931018	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--	--
UC-4	10/18/1993	OSUC_UC-4_4FT_19931018	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--	--
UC-4	10/18/1993	OSUC_UC-4_6.5FT_19931018	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--	--
UC-5	10/18/1993	OSUC_UC-5_2FT_19931018	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	1100	--	--
UC-5	10/18/1993	OSUC_UC-5_5FT_19931018	N	SO	5-5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--	--
UC-5	10/18/1993	OSUC_UC-5_6.5FT_19931018	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	570	--	--
UC-6	10/19/1993	OSUC_UC-6_3.5FT_19931019	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--	--

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	na	na	na	-	-	-	-	-	-	
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	130	-	
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
LS-36	08/24/1994	LS_LS-36 (13)_19940824	N	SO	13-13 FT	10	--	--	--	--	--	--	--	--	--	--	--	--	
LS-37	08/31/1994	LS_LS-37(13)_19940831	N	SO	13-13 FT	< 50 U	--	--	--	--	--	--	--	--	--	--	--	--	
LS-38B	08/01/1994	LS_LS-38B (5)_19940801	N	SO	5-5 FT	320	--	--	--	--	--	--	--	--	--	--	--	--	
LS-38B	08/04/1994	LS_LS-38B_19940804	N	SO		340	--	--	--	--	--	--	--	--	--	--	--	--	
LS-41	08/24/1994	LS_LS-41 (6)_19940824	N	SO	6-6 FT	100	--	--	--	--	--	--	--	--	--	--	--	--	
LS-41	08/31/1994	LS_LS-41(6)_19940831	N	SO	6-6 FT	90	--	--	--	--	--	--	--	--	--	--	--	--	
LS-49B	08/01/1994	LS_LS-49B (2)_19940801	N	SO	2-2 FT	340	--	--	--	--	--	--	--	--	--	--	--	--	
LS-55B	08/01/1994	LS_LS-55B (6.5)_19940801	N	SO	6.5-6.5 FT	120	--	--	--	--	--	--	--	--	--	--	--	--	
LS-55B	08/04/1994	LS_LS-55B_19940804	N	SO		420	--	--	--	--	--	--	--	--	--	--	--	--	
LS-58	10/18/1993	OSUC_LS-58(10)_19931018	N	SO	10-10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-58	10/18/1993	OSUC_LS-58(3')_19931018	N	SO	3-3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-58	10/18/1993	OSUC_LS-58(6.5)_19931018	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
Fuel Oil Tank/Utility Chase Area																			
E-1	09/30/1996	OSUC_E-1_19960930	N	SO		49.4	--	--	--	--	--	--	--	--	--	--	--	--	
E-2	09/30/1996	OSUC_E-2_19960930	N	SO		85.6	--	--	--	--	--	--	--	--	--	--	--	--	
E-3	09/30/1996	OSUC_E-3_19960930	N	SO		187	--	--	--	--	--	--	--	--	--	--	--	--	
E-4	09/30/1996	OSUC_E-4_19960930	N	SO		1380	--	--	--	--	--	--	--	--	--	--	--	--	
E-5	09/30/1996	OSUC_E-5_19960930	N	SO		176	--	--	--	--	--	--	--	--	--	--	--	--	
LB-1	10/15/1993	OSUC_LB-1_10FT_19931015	N	SO	10-10 FT	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
LB-1	10/15/1993	OSUC_LB-1_1FT_19931015	N	SO	1-1 FT	29	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
LB-1	10/15/1993	OSUC_LB-1_5FT_19931015	N	SO	5-5 FT	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
LB-2	10/15/1993	OSUC_LB-2_10FT_19931015	N	SO	10-10 FT	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
LB-2	10/15/1993	OSUC_LB-2_1FT_19931015	N	SO	1-1 FT	500	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
LB-2	10/15/1993	OSUC_LB-2_5FT_19931015	N	SO	5-5 FT	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
LB-4	10/15/1993	OSUC_LB-4_1FT_19931015	N	SO	1-1 FT	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
LB-4	10/15/1993	OSUC_LB-4_3.5FT_19931015	N	SO	3.5-3.5 FT	31	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
LB-4	10/15/1993	OSUC_LB-4_6FT_19931015	N	SO	6-6 FT	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-1	10/18/1993	OSUC_UC-1_1.5FT_19931018	N	SO	1.5-1.5 FT	49	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-1	10/18/1993	OSUC_UC-1_10FT_19931018	N	SO	10-10 FT	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-1	10/18/1993	OSUC_UC-1_6FT_19931018	N	SO	6-6 FT	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-2	10/18/1993	OSUC_UC-2_1.5FT_19931018	N	SO	1.5-1.5 FT	30	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-2	10/18/1993	OSUC_UC-2_10FT_19931018	N	SO	10-10 FT	31	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-2	10/18/1993	OSUC_UC-2_6.5FT_19931018	N	SO	6.5-6.5 FT	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-3	10/18/1993	OSUC_UC-3_2FT_19931018	N	SO	2-2 FT	260	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-3	10/18/1993	OSUC_UC-3_7FT_19931018	N	SO	7-7 FT	99	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-4	10/18/1993	OSUC_UC-4_2FT_19931018	N	SO	2-2 FT	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-4	10/18/1993	OSUC_UC-4_4FT_19931018	N	SO	4-4 FT	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-4	10/18/1993	OSUC_UC-4_6.5FT_19931018	N	SO	6.5-6.5 FT	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-5	10/18/1993	OSUC_UC-5_2FT_19931018	N	SO	2-2 FT	2700	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
UC-5	10/18/1993	OSUC_UC-5_5FT_19931018	N	SO	5-5 FT	49	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	0.89	< 0 U	--	--	
UC-5	10/18/1993	OSUC_UC-5_6.5FT_19931018	N	SO	6.5-6.5 FT	2300	--	< 0.05 U	< 0.05 U	0.06	0.5	--	--	--	< 0 U	< 0 U	--	--	
UC-6	10/19/1993	OSUC_UC-6_3.5FT_19931019	N	SO	3.5-3.5 FT	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	

Appendix H
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						Benzo[k] fluoranthene	Bis(2-Ethylhexyl) Phthalate	Chrysene	Dibenz[a,h] anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D) Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs
						Cas No. 207-08-9	117-81-7	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	PAHs_other
						Unit mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Industrial Cleanup Level						-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method C Noncancer Industrial Cleanup Level						-	70000	-	-	140000	140000	-	70000	-	110000	-
July 2024 MTCA Method C Cancer Industrial Cleanup Level						-	9400	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
LS-36	08/24/1994	LS_LS-36 (13)_19940824	N	SO	13-13 FT	--	--	--	--	--	--	--	--	--	--	--
LS-37	08/31/1994	LS_LS-37(13)_19940831	N	SO	13-13 FT	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/01/1994	LS_LS-38B (5)_19940801	N	SO	5-5 FT	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/04/1994	LS_LS-38B_19940804	N	SO		--	--	--	--	--	--	--	--	--	--	--
LS-41	08/24/1994	LS_LS-41 (6)_19940824	N	SO	6-6 FT	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/31/1994	LS_LS-41(6)_19940831	N	SO	6-6 FT	--	--	--	--	--	--	--	--	--	--	--
LS-49B	08/01/1994	LS_LS-49B (2)_19940801	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--
LS-55B	08/01/1994	LS_LS-55B (6.5)_19940801	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--
LS-55B	08/04/1994	LS_LS-55B_19940804	N	SO		--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	OSUC_LS-58(10)_19931018	N	SO	10-10 FT	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	OSUC_LS-58(3')_19931018	N	SO	3-3 FT	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	OSUC_LS-58(6.5)_19931018	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area																
E-1	09/30/1996	OSUC_E-1_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--
E-2	09/30/1996	OSUC_E-2_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--
E-3	09/30/1996	OSUC_E-3_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--
E-4	09/30/1996	OSUC_E-4_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--
E-5	09/30/1996	OSUC_E-5_19960930	N	SO		--	--	--	--	--	--	--	--	--	--	--
LB-1	10/15/1993	OSUC_LB-1_10FT_19931015	N	SO	10-10 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U
LB-1	10/15/1993	OSUC_LB-1_1FT_19931015	N	SO	1-1 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U
LB-1	10/15/1993	OSUC_LB-1_5FT_19931015	N	SO	5-5 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U
LB-2	10/15/1993	OSUC_LB-2_10FT_19931015	N	SO	10-10 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U
LB-2	10/15/1993	OSUC_LB-2_1FT_19931015	N	SO	1-1 FT	--	--	<0 U	--	0.32	--	--	--	<0 U	<0 U	<0 U
LB-2	10/15/1993	OSUC_LB-2_5FT_19931015	N	SO	5-5 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U
LB-4	10/15/1993	OSUC_LB-4_1FT_19931015	N	SO	1-1 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U
LB-4	10/15/1993	OSUC_LB-4_3.5FT_19931015	N	SO	3.5-3.5 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U
LB-4	10/15/1993	OSUC_LB-4_6FT_19931015	N	SO	6-6 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	<0 U	<0 U
UC-1	10/18/1993	OSUC_UC-1_1.5FT_19931018	N	SO	1.5-1.5 FT	--	--	0.96	--	<0 U	--	--	--	<0 U	--	<0 U
UC-1	10/18/1993	OSUC_UC-1_10FT_19931018	N	SO	10-10 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-1	10/18/1993	OSUC_UC-1_6FT_19931018	N	SO	6-6 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-2	10/18/1993	OSUC_UC-2_1.5FT_19931018	N	SO	1.5-1.5 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-2	10/18/1993	OSUC_UC-2_10FT_19931018	N	SO	10-10 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-2	10/18/1993	OSUC_UC-2_6.5FT_19931018	N	SO	6.5-6.5 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-3	10/18/1993	OSUC_UC-3_2FT_19931018	N	SO	2-2 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-3	10/18/1993	OSUC_UC-3_7FT_19931018	N	SO	7-7 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-4	10/18/1993	OSUC_UC-4_2FT_19931018	N	SO	2-2 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-4	10/18/1993	OSUC_UC-4_4FT_19931018	N	SO	4-4 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-4	10/18/1993	OSUC_UC-4_6.5FT_19931018	N	SO	6.5-6.5 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-5	10/18/1993	OSUC_UC-5_2FT_19931018	N	SO	2-2 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-5	10/18/1993	OSUC_UC-5_5FT_19931018	N	SO	5-5 FT	--	--	0.91	--	<0 U	--	--	--	<0 U	--	<0 U
UC-5	10/18/1993	OSUC_UC-5_6.5FT_19931018	N	SO	6.5-6.5 FT	--	--	<0 U	--	2.3	--	--	--	<0 U	--	<0 U
UC-6	10/19/1993	OSUC_UC-6_3.5FT_19931019	N	SO	3.5-3.5 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U

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Location	Date	Sample	Sample Type	Matrix	Depth Range	Chemical	Aluminum	Cadmium	Chromium, hexavalent	Chromium, total	Copper	Iron	Lead	Mercury	Nickel	Silver	Zinc	Total Petroleum Hydrocarbons	TPH as Diesel Range Organics	Extended Diesel Range Organics	TPH as Gasoline Range Organics	
						Cas No.	7429-90-5	7440-43-9	18540-29-9	7440-47-3	7440-50-8	7439-89-6	7439-92-1	7439-97-6	7440-02-0	7440-22-4	7440-66-6	TPH	DRO	EXT-DRO	GRO	
Unit						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Industrial Cleanup Level						-	na	na	-	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹	
July 2024 MTCA Method C Noncancer Industrial Cleanup Level						3500000	3500	11000	-	-	140000	2500000	-	-	-	-	18000	1100000	-	-	-	
July 2024 MTCA Method C Cancer Industrial Cleanup Level						-	-	260	-	-	-	-	-	-	-	-	-	-	-	-	-	
UC-6	10/19/1993	OSUC_UC-6_6.5FT_19931019	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	800	--	--	
UC-6	10/19/1993	OSUC_UC-6_8FT_19931019	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--	--	
Gasoline and Maintenance Area																						
C-53	06/17/1993	GM_C-53_2.5FT_19930617	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	5.8	--	--	--	--	--	--	< 10 U	--	< 1 U	
C-53	06/17/1993	GM_C-53_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	< 1 U	--	--	79	--	--	--	--	--	--	270	--	4.4	
C-54	06/17/1993	GM_C-54_2.5FT_19930617	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	57	--	--	--	--	--	--	310	--	< 1 U	
C-54	06/17/1993	GM_C-54_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	< 1 U	--	--	43	--	--	--	--	--	--	220	--	< 1 U	
C-55	06/17/1993	GM_C-55_0.5 FT_19930617	N	SO	0.5–0.5 FT	--	--	--	< 1 U	--	--	44	--	--	--	--	--	--	98	--	< 1 U	
C-55	06/17/1993	GM_C-55_2.5FT_19930617	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	32	--	--	--	--	--	--	11	--	< 1 U	
C-56	06/17/1993	GM_C-56_2.5FT_19930617	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--	< 1 U	
C-56	06/17/1993	GM_C-56_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	< 1 U	--	--	10	--	--	--	--	--	--	470	--	21	
C-57	06/18/1993	GM_C-57_2.5FT_19930618	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	8	--	--	--	--	--	--	70	--	< 1 U	
C-57	06/18/1993	GM_C-57_4FT_19930618	N	SO	4–4 FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	48	--	< 1 U	
C-58	06/18/1993	GM_C-58_1.5FT_19930618	N	SO	1.5–1.5 FT	--	--	--	< 1 U	--	--	230	--	--	--	--	--	--	39	--	< 1 U	
C-58	06/18/1993	GM_C-58_5.5FT_19930618	N	SO	5.5–5.5 FT	--	--	--	< 1 U	--	--	36	--	--	--	--	--	--	10	--	< 1 U	
C-59	06/18/1993	GM_C-59_2.5FT_19930618	N	SO	2–2 FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	16	--	< 1 U	
C-59	06/18/1993	GM_C-59_4FT_19930618	N	SO	4–4 FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--	< 1 U	
MW-3	06/17/1993	GM_MW-3_3.5FT_19930617	N	SO	3.5–3.5 FT	--	--	--	< 1 U	--	--	450	--	--	--	--	--	--	120	--	11	
Powerhouse Area																						
MW-8	06/17/1993	PH_MW-8_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	10	--	--	--	--	--	--	--	--	--	12	--	--	
PH-1	06/17/1993	PH_PH-1_2FT_19930617	N	SO	2–2 FT	--	--	--	94	--	--	--	--	--	--	--	--	--	76000	--	--	
PH-1	06/17/1993	PH_PH-1_3.5FT_19930617	N	SO	3.5–3.5 FT	--	--	--	91	--	--	--	--	--	--	--	--	--	12000	--	--	
PH-1	10/01/1993	PH_PH-1_3FT_19931001	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	25000	--	--	
PH-2	06/17/1993	PH_PH-2_1FT_19930617	N	SO	1–1 FT	--	--	--	92	--	--	--	--	--	--	--	--	--	180	--	--	
PH-2	06/17/1993	PH_PH-2_4FT_19930617	N	SO	4–4 FT	--	--	--	31	--	--	--	--	--	--	--	--	--	14	--	--	
PH-2	10/01/1993	PH_PH-2_2FT_19931001	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--	--	
PH-3	06/17/1993	PH_PH-3_2FT_19930617	N	SO	2–2 FT	--	--	--	79	--	--	--	--	--	--	--	--	--	150	--	--	
PH-3	10/01/1993	PH_PH-3_1.5FT_19931001	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	39	--	--	
PH-4	06/17/1993	PH_PH-4_1FT_19930617	N	SO	1–1 FT	--	--	--	62	--	--	--	--	--	--	--	--	--	44	--	--	
PH-4	06/17/1993	PH_PH-4_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	41	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
PH-4	10/01/1993	PH_PH-4_2FT_19931001	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	26	--	--	
PH-5	06/17/1993	PH_PH-5_1.5FT_19930617	N	SO	1.5–1.5 FT	--	--	--	630	--	--	--	--	--	--	--	--	--	7100	--	--	
PH-5	06/17/1993	PH_PH-5_3.5FT_19930617	N	SO	3.5–3.5 FT	--	--	--	88	--	--	--	--	--	--	--	--	--	6200	--	--	
PH-5	10/01/1993	PH_PH-5_2.5FT_19931001	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	3200	--	--	
PH-6	06/17/1993	PH_PH-6_3FT_19930617	N	SO	3–3 FT	--	--	--	43	--	--	--	--	--	--	--	--	--	200000	--	--	
PH-6	10/01/1993	PH_PH-6_3.5FT_19931001	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	80000	--	--	
PH-8	06/17/1993	PH_PH-8_1.5FT_19930617	N	SO	1.5–1.5 FT	--	--	--	70	--	--	--	--	--	--	--	--	--	150	--	--	
PH-8	06/17/1993	PH_PH-8_4FT_19930617	N	SO	4–4 FT	--	--	--	32	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
PH-10	11/01/1993	PH_PH-10_3.5FT_19931101	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	56	--	--	
PH-11	11/01/1993	PH_PH-11_1.5FT_19931101	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	23000	--	--	
PH-11	11/01/1993	PH_PH-11_3.5FT_19931101	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	29000	--	--	
PH-12	11/01/1993	PH_PH-12_4FT_19931101	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	91000	--	--	

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						Chemical Cas No. Unit	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]p erylene 191-24-2 mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	na	na	na	-	-	-	-	na	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	130	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
UC-6	10/19/1993	OSUC_UC-6_6.5FT_19931019	N	SO	6.5–6.5 FT	1700	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	0.13	--	--	
UC-6	10/19/1993	OSUC_UC-6_8FT_19931019	N	SO	8–8 FT	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--	--	
Gasoline and Maintenance Area																			
C-53	06/17/1993	GM_C-53_2.5FT_19930617	N	SO	2.5–2.5 FT	< 25 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-53	06/17/1993	GM_C-53_5.5FT_19930617	N	SO	5.5–5.5 FT	490	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-54	06/17/1993	GM_C-54_2.5FT_19930617	N	SO	2.5–2.5 FT	260	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-54	06/17/1993	GM_C-54_5.5FT_19930617	N	SO	5.5–5.5 FT	690	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-55	06/17/1993	GM_C-55_0.5 FT_19930617	N	SO	0.5–0.5 FT	450	--	--	--	--	--	< 0 U	--	--	--	--	--	--	
C-55	06/17/1993	GM_C-55_2.5FT_19930617	N	SO	2.5–2.5 FT	68	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-56	06/17/1993	GM_C-56_2.5FT_19930617	N	SO	2.5–2.5 FT	37	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-56	06/17/1993	GM_C-56_5.5FT_19930617	N	SO	5.5–5.5 FT	410	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-57	06/18/1993	GM_C-57_2.5FT_19930618	N	SO	2.5–2.5 FT	110	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-57	06/18/1993	GM_C-57_4FT_19930618	N	SO	4–4 FT	110	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-58	06/18/1993	GM_C-58_1.5FT_19930618	N	SO	1.5–1.5 FT	220	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-58	06/18/1993	GM_C-58_5.5FT_19930618	N	SO	5.5–5.5 FT	49	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-59	06/18/1993	GM_C-59_2FT_19930618	N	SO	2–2 FT	40	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
C-59	06/18/1993	GM_C-59_4FT_19930618	N	SO	4–4 FT	33	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--	
MW-3	06/17/1993	GM_MW-3_3.5FT_19930617	N	SO	3.5–3.5 FT	390	--	0.18	0.12	0.074	0.85	1.224	--	--	--	--	--	--	
Powerhouse Area																			
MW-8	06/17/1993	PH_MW-8_5.5FT_19930617	N	SO	5.5–5.5 FT	31	--	--	--	--	--	--	--	--	--	--	--	--	
PH-1	06/17/1993	PH_PH-1_2FT_19930617	N	SO	2–2 FT	76000	--	--	--	--	--	--	--	--	--	--	--	--	
PH-1	06/17/1993	PH_PH-1_3.5FT_19930617	N	SO	3.5–3.5 FT	15000	--	--	--	--	--	--	--	--	--	--	--	--	
PH-1	10/01/1993	PH_PH-1_3FT_19931001	N	SO	3–3 FT	21000	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	37	28	< 0 U	< 0 U	
PH-2	06/17/1993	PH_PH-2_1FT_19930617	N	SO	1–1 FT	640	--	--	--	--	--	--	--	--	--	--	--	--	
PH-2	06/17/1993	PH_PH-2_4FT_19930617	N	SO	4–4 FT	39	--	--	--	--	--	--	--	--	--	--	--	--	
PH-2	10/01/1993	PH_PH-2_2FT_19931001	N	SO	2–2 FT	250	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	
PH-3	06/17/1993	PH_PH-3_2FT_19930617	N	SO	2–2 FT	440	--	--	--	--	--	--	--	--	--	--	--	--	
PH-3	10/01/1993	PH_PH-3_1.5FT_19931001	N	SO	1.5–1.5 FT	93	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	
PH-4	06/17/1993	PH_PH-4_1FT_19930617	N	SO	1–1 FT	82	--	--	--	--	--	--	--	--	--	--	--	--	
PH-4	06/17/1993	PH_PH-4_5.5FT_19930617	N	SO	5.5–5.5 FT	34	--	--	--	--	--	--	--	--	--	--	--	--	
PH-4	10/01/1993	PH_PH-4_2FT_19931001	N	SO	2–2 FT	37	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	
PH-5	06/17/1993	PH_PH-5_1.5FT_19930617	N	SO	1.5–1.5 FT	11000	--	--	--	--	--	--	--	--	--	--	--	--	
PH-5	06/17/1993	PH_PH-5_3.5FT_19930617	N	SO	3.5–3.5 FT	3800	--	--	--	--	--	--	--	--	--	--	--	--	
PH-5	10/01/1993	PH_PH-5_2.5FT_19931001	N	SO	2.5–2.5 FT	2500	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	1.9	< 0 U	< 0 U	< 0 U	
PH-6	06/17/1993	PH_PH-6_3FT_19930617	N	SO	3–3 FT	3100	--	--	--	--	--	--	--	--	--	--	--	--	
PH-6	10/01/1993	PH_PH-6_3.5FT_19931001	N	SO	3.5–3.5 FT	44000	--	< 0.05 U	< 0.05 U	< 0.05 U	0.251	--	< 0 U	< 0 U	37	< 0 U	< 0 U	< 0 U	
PH-8	06/17/1993	PH_PH-8_1.5FT_19930617	N	SO	1.5–1.5 FT	400	--	--	--	--	--	--	--	--	--	--	--	--	
PH-8	06/17/1993	PH_PH-8_4FT_19930617	N	SO	4–4 FT	46	--	--	--	--	--	--	--	--	--	--	--	--	
PH-10	11/01/1993	PH_PH-10_3.5FT_19931101	N	SO	3.5–3.5 FT	180	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	0.21	< 0 U	0.13	< 0 U	
PH-11	11/01/1993	PH_PH-11_1.5FT_19931101	N	SO	1.5–1.5 FT	30000	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	33	< 0 U	20	
PH-11	11/01/1993	PH_PH-11_3.5FT_19931101	N	SO	3.5–3.5 FT	29000	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	
PH-12	11/01/1993	PH_PH-12_4FT_19931101	N	SO	4–4 FT	21000	--	< 0.05 U	0.26	0.32	2.7	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	-	-	-	-	-	-	na	-	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	70000	-	-	140000	140000	-	70000	-	110000	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	9400	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
UC-6	10/19/1993	OSUC_UC-6_6.5FT_19931019	N	SO	6.5–6.5 FT	--	--	0.46	--	<0 U	--	--	--	2	--	<0 U	
UC-6	10/19/1993	OSUC_UC-6_8FT_19931019	N	SO	8–8 FT	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U	
Gasoline and Maintenance Area																	
C-53	06/17/1993	GM_C-53_2.5FT_19930617	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-53	06/17/1993	GM_C-53_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-54	06/17/1993	GM_C-54_2.5FT_19930617	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-54	06/17/1993	GM_C-54_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-55	06/17/1993	GM_C-55_0.5 FT_19930617	N	SO	0.5–0.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-55	06/17/1993	GM_C-55_2.5FT_19930617	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-56	06/17/1993	GM_C-56_2.5FT_19930617	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-56	06/17/1993	GM_C-56_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-57	06/18/1993	GM_C-57_2.5FT_19930618	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-57	06/18/1993	GM_C-57_4FT_19930618	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
C-58	06/18/1993	GM_C-58_1.5FT_19930618	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-58	06/18/1993	GM_C-58_5.5FT_19930618	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
C-59	06/18/1993	GM_C-59_2FT_19930618	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	
C-59	06/18/1993	GM_C-59_4FT_19930618	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
MW-3	06/17/1993	GM_MW-3_3.5FT_19930617	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
Powerhouse Area																	
MW-8	06/17/1993	PH_MW-8_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-1	06/17/1993	PH_PH-1_2FT_19930617	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-1	06/17/1993	PH_PH-1_3.5FT_19930617	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-1	10/01/1993	PH_PH-1_3FT_19931001	N	SO	3–3 FT	<0 U	--	82	<0 U	<0 U	<0 U	<0 U	<0 U	32	86	--	
PH-2	06/17/1993	PH_PH-2_1FT_19930617	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-2	06/17/1993	PH_PH-2_4FT_19930617	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-2	10/01/1993	PH_PH-2_2FT_19931001	N	SO	2–2 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
PH-3	06/17/1993	PH_PH-3_2FT_19930617	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-3	10/01/1993	PH_PH-3_1.5FT_19931001	N	SO	1.5–1.5 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
PH-4	06/17/1993	PH_PH-4_1FT_19930617	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-4	06/17/1993	PH_PH-4_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-4	10/01/1993	PH_PH-4_2FT_19931001	N	SO	2–2 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
PH-5	06/17/1993	PH_PH-5_1.5FT_19930617	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-5	06/17/1993	PH_PH-5_3.5FT_19930617	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-5	10/01/1993	PH_PH-5_2.5FT_19931001	N	SO	2.5–2.5 FT	<0 U	--	2.9	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	2.3	--	
PH-6	06/17/1993	PH_PH-6_3FT_19930617	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-6	10/01/1993	PH_PH-6_3.5FT_19931001	N	SO	3.5–3.5 FT	<0 U	--	73	<0 U	<0 U	<0 U	<0 U	<0 U	100	87	--	
PH-8	06/17/1993	PH_PH-8_1.5FT_19930617	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-8	06/17/1993	PH_PH-8_4FT_19930617	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
PH-10	11/01/1993	PH_PH-10_3.5FT_19931101	N	SO	3.5–3.5 FT	<0 U	--	<0 U	<0 U	0.57	<0 U	<0 U	<0 U	<0 U	0.33	--	
PH-11	11/01/1993	PH_PH-11_1.5FT_19931101	N	SO	1.5–1.5 FT	<0 U	--	32	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	95	--	
PH-11	11/01/1993	PH_PH-11_3.5FT_19931101	N	SO	3.5–3.5 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
PH-12	11/01/1993	PH_PH-12_4FT_19931101	N	SO	4–4 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg
						Unit															
						July 2024 MTCA Method A Industrial Cleanup Level	-	na	na	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	3500000	3500	11000	-	140000	2500000	-	-	-	18000	1100000	-	-	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
PH-13	11/01/1993	PH_PH-13_3.8FT_19931101	N	SO	3.8–3.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	250000	--	--	
PH-14	11/01/1993	PH_PH-14_4FT_19931101	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	900	--	--	
PH-15	11/01/1993	PH_PH-15_1FT_19931101	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	34	--	--	
PH-15	11/01/1993	PH_PH-15_3.5FT_19931101	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	11	--	--	
PH-16	11/01/1993	PH_PH-16_1FT_19931101	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
PH-16	11/01/1993	PH_PH-16_3.5FT_19931101	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--	--	
Wood Chip Storage Area																					
CS-1	06/22/1993	WCS_CS-1_4FT_19930622	N	SO	4–4 FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-1	06/22/1993	WCS_CS-1_5.5FT_19930622	N	SO	5.5–5.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-2	06/22/1993	WCS_CS-2_4FT_19930622	N	SO	4–4 FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-2	06/22/1993	WCS_CS-2_5.5FT_19930622	N	SO	5.5–5.5 FT	--	--	--	20	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-3	06/22/1993	WCS_CS-3_4FT_19930622	N	SO	4–4 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-3	06/22/1993	WCS_CS-3_5.5FT_19930622	N	SO	5.5–5.5 FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-4	06/22/1993	WCS_CS-4_5.5FT_19930622	N	SO	5.5–5.5 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-5	06/22/1993	WCS_CS-5_4.5FT_19930622	N	SO	4.5–4.5 FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-5	06/22/1993	WCS_CS-5_6FT_19930622	N	SO	6–6 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-6	06/23/1993	WCS_CS-6_4.5FT_19930623	N	SO	4.5–4.5 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
CS-7	06/23/1993	WCS_CS-7_5FT_19930623	N	SO	5–5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	14	--	--	
CS-8	06/23/1993	WCS_CS-8_6FT_19930623	N	SO	6–6 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
Warehouse Area																					
MW-5	06/23/1993	WH_MW-5_4.5 FT_19930623	N	SO	4.5–4.5 FT	--	--	--	24	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-1	06/22/1993	WH_W-1_3.5 FT_19930622	N	SO	3.5–3.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-1	06/22/1993	WH_W-1_5.5 FT_19930622	N	SO	5.5–5.5 FT	--	--	--	19	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-2	06/22/1993	WH_W-2_3.5 FT_19930622	N	SO	3.5–3.5 FT	--	--	--	21	--	--	5.7	--	--	--	--	--	< 10 U	--	--	
W-2	06/22/1993	WH_W-2_5 FT_19930622	N	SO	5–5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--	
W-3	06/22/1993	WH_W-3_3 FT_19930622	N	SO	3–3 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-3	06/22/1993	WH_W-3_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	--	--	--	
W-4	06/22/1993	WH_W-4_3 FT_19930622	N	SO	3–3 FT	--	--	--	13	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-4	06/22/1993	WH_W-4_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	--	--	--	
W-5	06/22/1993	WH_W-5_4 FT_19930622	N	SO	4–4 FT	--	--	--	20	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-5	06/22/1993	WH_W-5_5.5 FT_19930622	N	SO	5.5–5.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--	
W-6	06/22/1993	WH_W-6_3 FT_19930622	N	SO	3–3 FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-6	06/22/1993	WH_W-6_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-7	06/22/1993	WH_W-7_3 FT_19930622	N	SO	3–3 FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-7	06/22/1993	WH_W-7_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	--	--	--	
W-8	06/23/1993	WH_W-8_4 FT_19930623	N	SO	4–4 FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-8	06/23/1993	WH_W-8_5.5 FT_19930623	N	SO	5.5–5.5 FT	--	--	--	62	--	--	< 5 U	--	--	--	--	--	--	--	--	
W-9	06/23/1993	WH_W-9_3 FT_19930623	N	SO	3–3 FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	< 10 U	--	--	
W-9	08/02/1995	WH_W-9(5.7)_19950802	N	SO	5.7–5.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Hog Fuel Storage Area																					
HF-1	06/23/1993	HF_HF-1_3.5FT_19930623	N	SO	3.5–3.5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-1	06/23/1993	HF_HF-1_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	33	--	--	7.9	--	--	--	--	--	--	--	--	

Appendix H
 Post-Interim Action Soil Data Screening – Industrial
 Data Summary Report
 Former Grays Harbor Pulp and Paper Mill
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

						Chemical Cas No. Unit	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	na	na	na	-	-	-	-	na	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	130	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
PH-13	11/01/1993	PH_PH-13_3.8FT_19931101	N	SO	3.8–3.8 FT	270000	--	0.22	1	1.6	15	--	< 0 U	< 0 U	350	230	< 0 U	140	
PH-14	11/01/1993	PH_PH-14_4FT_19931101	N	SO	4–4 FT	1600	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	0.84	< 0 U	
PH-15	11/01/1993	PH_PH-15_1FT_19931101	N	SO	1–1 FT	120	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	
PH-15	11/01/1993	PH_PH-15_3.5FT_19931101	N	SO	3.5–3.5 FT	52	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	
PH-16	11/01/1993	PH_PH-16_1FT_19931101	N	SO	1–1 FT	42	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	
PH-16	11/01/1993	PH_PH-16_3.5FT_19931101	N	SO	3.5–3.5 FT	27	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U	
Wood Chip Storage Area																			
CS-1	06/22/1993	WCS_CS-1_4FT_19930622	N	SO	4–4 FT	32	--	--	--	--	--	--	--	--	--	--	--	--	
CS-1	06/22/1993	WCS_CS-1_5.5FT_19930622	N	SO	5.5–5.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-2	06/22/1993	WCS_CS-2_4FT_19930622	N	SO	4–4 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-2	06/22/1993	WCS_CS-2_5.5FT_19930622	N	SO	5.5–5.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-3	06/22/1993	WCS_CS-3_4FT_19930622	N	SO	4–4 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-3	06/22/1993	WCS_CS-3_5.5FT_19930622	N	SO	5.5–5.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-4	06/22/1993	WCS_CS-4_5.5FT_19930622	N	SO	5.5–5.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-5	06/22/1993	WCS_CS-5_4.5FT_19930622	N	SO	4.5–4.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-5	06/22/1993	WCS_CS-5_6FT_19930622	N	SO	6–6 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-6	06/23/1993	WCS_CS-6_4.5FT_19930623	N	SO	4.5–4.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-7	06/23/1993	WCS_CS-7_5FT_19930623	N	SO	5–5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
CS-8	06/23/1993	WCS_CS-8_6FT_19930623	N	SO	6–6 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
Warehouse Area																			
MW-5	06/23/1993	WH_MW-5_4.5 FT_19930623	N	SO	4.5–4.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-1	06/22/1993	WH_W-1_3.5 FT_19930622	N	SO	3.5–3.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-1	06/22/1993	WH_W-1_5.5 FT_19930622	N	SO	5.5–5.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-2	06/22/1993	WH_W-2_3.5 FT_19930622	N	SO	3.5–3.5 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-2	06/22/1993	WH_W-2_5 FT_19930622	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-3	06/22/1993	WH_W-3_3 FT_19930622	N	SO	3–3 FT	< 25 U	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	
W-3	06/22/1993	WH_W-3_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-4	06/22/1993	WH_W-4_3 FT_19930622	N	SO	3–3 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-4	06/22/1993	WH_W-4_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-5	06/22/1993	WH_W-5_4 FT_19930622	N	SO	4–4 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-5	06/22/1993	WH_W-5_5.5 FT_19930622	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-6	06/22/1993	WH_W-6_3 FT_19930622	N	SO	3–3 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-6	06/22/1993	WH_W-6_4.5 FT_19930622	N	SO	4.5–4.5 FT	< 25 U	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	
W-7	06/22/1993	WH_W-7_3 FT_19930622	N	SO	3–3 FT	< 25 U	--	--	--	--	--	--	--	--	--	--	--	--	
W-7	06/22/1993	WH_W-7_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-8	06/23/1993	WH_W-8_4 FT_19930623	N	SO	4–4 FT	< 25 U	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	
W-8	06/23/1993	WH_W-8_5.5 FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
W-9	06/23/1993	WH_W-9_3 FT_19930623	N	SO	3–3 FT	< 25 U	< 0.17 U	--	--	--	--	--	--	--	--	--	--	--	
W-9	08/02/1995	WH_W-9(5.7)_19950802	N	SO	5.7–5.7 FT	25000	--	--	--	--	--	--	--	--	--	--	--	--	
Hog Fuel Storage Area																			
HF-1	06/23/1993	HF_HF-1_3.5FT_19930623	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-1	06/23/1993	HF_HF-1_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	-	-	-	-	-	na	-	-	-	
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	70000	-	-	140000	140000	-	70000	-	110000	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	9400	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
PH-13	11/01/1993	PH_PH-13_3.8FT_19931101	N	SO	3.8–3.8 FT	<0 U	--	370	<0 U	140	170	<0 U	<0 U	990	740	--	
PH-14	11/01/1993	PH_PH-14_4FT_19931101	N	SO	4–4 FT	<0 U	--	3.1	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
PH-15	11/01/1993	PH_PH-15_1FT_19931101	N	SO	1–1 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
PH-15	11/01/1993	PH_PH-15_3.5FT_19931101	N	SO	3.5–3.5 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
PH-16	11/01/1993	PH_PH-16_1FT_19931101	N	SO	1–1 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
PH-16	11/01/1993	PH_PH-16_3.5FT_19931101	N	SO	3.5–3.5 FT	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--	
Wood Chip Storage Area																	
CS-1	06/22/1993	WCS_CS-1_4FT_19930622	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-1	06/22/1993	WCS_CS-1_5.5FT_19930622	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-2	06/22/1993	WCS_CS-2_4FT_19930622	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-2	06/22/1993	WCS_CS-2_5.5FT_19930622	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-3	06/22/1993	WCS_CS-3_4FT_19930622	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-3	06/22/1993	WCS_CS-3_5.5FT_19930622	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-4	06/22/1993	WCS_CS-4_5.5FT_19930622	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-5	06/22/1993	WCS_CS-5_4.5FT_19930622	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-5	06/22/1993	WCS_CS-5_6FT_19930622	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-6	06/23/1993	WCS_CS-6_4.5FT_19930623	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-7	06/23/1993	WCS_CS-7_5FT_19930623	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	
CS-8	06/23/1993	WCS_CS-8_6FT_19930623	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	
Warehouse Area																	
MW-5	06/23/1993	WH_MW-5_4.5 FT_19930623	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-1	06/22/1993	WH_W-1_3.5 FT_19930622	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-1	06/22/1993	WH_W-1_5.5 FT_19930622	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-2	06/22/1993	WH_W-2_3.5 FT_19930622	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-2	06/22/1993	WH_W-2_5 FT_19930622	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-3	06/22/1993	WH_W-3_3 FT_19930622	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	
W-3	06/22/1993	WH_W-3_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-4	06/22/1993	WH_W-4_3 FT_19930622	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	
W-4	06/22/1993	WH_W-4_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-5	06/22/1993	WH_W-5_4 FT_19930622	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
W-5	06/22/1993	WH_W-5_5.5 FT_19930622	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-6	06/22/1993	WH_W-6_3 FT_19930622	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	
W-6	06/22/1993	WH_W-6_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-7	06/22/1993	WH_W-7_3 FT_19930622	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	
W-7	06/22/1993	WH_W-7_4.5 FT_19930622	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-8	06/23/1993	WH_W-8_4 FT_19930623	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	
W-8	06/23/1993	WH_W-8_5.5 FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	
W-9	06/23/1993	WH_W-9_3 FT_19930623	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	
W-9	08/02/1995	WH_W-9(5.7)_19950802	N	SO	5.7–5.7 FT	--	--	--	--	--	--	--	--	--	--	--	
Hog Fuel Storage Area																	
HF-1	06/23/1993	HF_HF-1_3.5FT_19930623	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	
HF-1	06/23/1993	HF_HF-1_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
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Hoquiam, Washington

						Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg	TPH as Gasoline Range Organics GRO mg/kg
						Unit															
						July 2024 MTCA Method A Industrial Cleanup Level	-	na	na	-	-	-	1000	2	-	-	-	2000	2000	-	100/30 ¹
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	3500000	3500	11000	-	140000	2500000	-	-	-	18000	1100000	-	-	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	-	260	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
HF-2	06/23/1993	HF_HF-2_4FT_19930623	N	SO	4-4 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-2	06/23/1993	HF_HF-2_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-3	06/23/1993	HF_HF-3_4FT_19930623	N	SO	4-4 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-3	06/23/1993	HF_HF-3_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-4	06/23/1993	HF_HF-4_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	26	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-5	06/23/1993	HF_HF-5_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	59	--	--	150	--	--	--	--	--	--	--	--	
HF-6	06/23/1993	HF_HF-6_4.5FT_19930623	N	SO	4.5-4.5 FT	--	--	--	7.3	--	--	6.5	--	--	--	--	--	--	--	--	
HF-7	06/23/1993	HF_HF-7_6.5FT_19930623	N	SO	6.5-6.5 FT	--	--	--	16	--	--	64	--	--	--	--	--	--	--	--	
HF-8	06/23/1993	HF_HF-8_4FT_19930623	N	SO	4-4 FT	--	--	--	7.6	--	--	15	--	--	--	--	--	--	--	--	
HF-9	06/23/1993	HF_HF-9_4.5FT_19930623	N	SO	4.5-4.5 FT	--	--	--	56	--	--	140	--	--	--	--	--	--	--	--	
HF-10	06/23/1993	HF_HF-10_6FT_19930623	N	SO	6-6 FT	--	--	--	50	--	--	78	--	--	--	--	--	--	--	--	
HF-12	06/23/1993	HF_HF-12_3FT_19930623	N	SO	3-3 FT	--	--	--	4.4	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-12	06/23/1993	HF_HF-12_4.5FT_19930623	N	SO	4.5-4.5 FT	--	--	--	30	--	--	21	--	--	--	--	--	--	--	--	
HF-12	06/23/1993	HF_HF-12_6FT_19930623	N	SO	6-6 FT	--	--	--	140	--	--	150	--	--	--	--	--	--	--	--	
HF-13	06/23/1993	HF_HF-13_4.5FT_19930623	N	SO	4.5-4.5 FT	--	--	--	23	--	--	7	--	--	--	--	--	--	--	--	
HF-13	06/23/1993	HF_HF-13_6FT_19930623	N	SO	6-6 FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-14	06/23/1993	HF_HF-14_4FT_19930623	N	SO	4-4 FT	--	--	--	27	--	--	34	--	--	--	--	< 100 U	--	--	--	
HF-14	06/23/1993	HF_HF-14_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	54	--	--	< 5 U	--	--	--	--	--	--	--	--	
HF-15	06/23/1993	HF_HF-15_4FT_19930623	N	SO	4-4 FT	--	--	--	15	--	--	< 5 U	--	--	--	--	< 100 U	--	--	--	
HF-15	06/23/1993	HF_HF-15_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	< 100 U	--	--	--	
HF-16	06/23/1993	HF_HF-16_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	19	--	--	< 5 U	--	--	--	--	--	--	--	--	
Shoreline Area																					
MW-2	06/17/1993	PH_MW-2_10.5FT_19930617	N	SO	10.5-10.5 FT	--	--	--	20	--	--	--	--	--	--	--	--	17	--	--	
MW-2	06/17/1993	PH_MW-2_5.5FT_19930617	N	SO	5.5-5.5 FT	--	--	--	23	--	--	--	--	--	--	--	--	120	--	--	
Rennie Island																					
RS-1	08/25/1992	GPM_RS-1 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	10	--	--	--	--	--	--	--	--	--	--	--	
RS-2	08/25/1992	GPM_RS-2 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	15	--	--	--	--	--	--	--	--	--	--	--	
RS-3	08/25/1992	GPM_RS-3 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	11	--	--	--	--	--	--	--	--	--	--	--	
RS-4	08/25/1992	GPM_RS-4 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	7.2	--	--	--	--	--	--	--	--	--	--	--	
RS-5	08/25/1992	GPM_RS-5 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	23	--	--	--	--	--	--	--	--	--	--	--	
RS-6	08/25/1992	GPM_RS-6 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	31	--	--	--	--	--	--	--	--	--	--	--	
RW-1	08/25/1992	GPM_RW-1 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	18	--	--	--	--	--	--	--	--	--	--	--	
RW-2	08/25/1992	GPM_RW-2 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	14	--	--	--	--	--	--	--	--	--	--	--	
RW-3	08/25/1992	GPM_RW-3 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	23	--	--	--	--	--	--	--	--	--	--	--	
RW-4	08/25/1992	GPM_RW-4 SURFACE_19920825	N	SO	0-1 FT	--	--	< 0.05 U	12	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Chemical Cas No. Unit	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a]anthracene 56-55-3 mg/kg	Benzo[a]pyrene 50-32-8 mg/kg	Benzo[b]fluoranthene 205-99-2 mg/kg	Benzo[g,h,i]perylene 191-24-2 mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	2000	na	na	na	na	na	-	-	-	-	na	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	-	14000	280000	350000	700000	-	210000	1100000	-	1100	-	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	66	2400	-	-	-	-	-	-	-	130	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
HF-2	06/23/1993	HF_HF-2_4FT_19930623	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-2	06/23/1993	HF_HF-2_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-3	06/23/1993	HF_HF-3_4FT_19930623	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-3	06/23/1993	HF_HF-3_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-4	06/23/1993	HF_HF-4_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-5	06/23/1993	HF_HF-5_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-6	06/23/1993	HF_HF-6_4.5FT_19930623	N	SO	4.5-4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-7	06/23/1993	HF_HF-7_6.5FT_19930623	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-8	06/23/1993	HF_HF-8_4FT_19930623	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-9	06/23/1993	HF_HF-9_4.5FT_19930623	N	SO	4.5-4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-10	06/23/1993	HF_HF-10_6FT_19930623	N	SO	6-6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-12	06/23/1993	HF_HF-12_3FT_19930623	N	SO	3-3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-12	06/23/1993	HF_HF-12_4.5FT_19930623	N	SO	4.5-4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-12	06/23/1993	HF_HF-12_6FT_19930623	N	SO	6-6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-13	06/23/1993	HF_HF-13_4.5FT_19930623	N	SO	4.5-4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-13	06/23/1993	HF_HF-13_6FT_19930623	N	SO	6-6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-14	06/23/1993	HF_HF-14_4FT_19930623	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-14	06/23/1993	HF_HF-14_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-15	06/23/1993	HF_HF-15_4FT_19930623	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-15	06/23/1993	HF_HF-15_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
HF-16	06/23/1993	HF_HF-16_5.5FT_19930623	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
Shoreline Area																			
MW-2	06/17/1993	PH_MW-2_10.5FT_19930617	N	SO	10.5-10.5 FT	60	--	--	--	--	--	--	--	--	--	--	--	--	
MW-2	06/17/1993	PH_MW-2_5.5FT_19930617	N	SO	5.5-5.5 FT	140	--	--	--	--	--	--	--	--	--	--	--	--	
Rennie Island																			
RS-1	08/25/1992	GPM_RS-1 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RS-2	08/25/1992	GPM_RS-2 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RS-3	08/25/1992	GPM_RS-3 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RS-4	08/25/1992	GPM_RS-4 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RS-5	08/25/1992	GPM_RS-5 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RS-6	08/25/1992	GPM_RS-6 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RW-1	08/25/1992	GPM_RW-1 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RW-2	08/25/1992	GPM_RW-2 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RW-3	08/25/1992	GPM_RW-3 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	
RW-4	08/25/1992	GPM_RW-4 SURFACE_19920825	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

						Benzo[k] fluoranthene	Bis(2-Ethylhexyl) Phthalate	Chrysene	Dibenz[a,h] anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D) Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs
						Cas No. 207-08-9	117-81-7	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	PAHs_other
						Unit mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
						July 2024 MTCA Method A Industrial Cleanup Level	-	-	-	-	-	-	na	-	-	-
						July 2024 MTCA Method C Noncancer Industrial Cleanup Level	-	70000	-	140000	140000	-	70000	-	110000	-
						July 2024 MTCA Method C Cancer Industrial Cleanup Level	-	9400	-	-	-	-	-	-	-	-
Location	Date	Sample	Sample Type	Matrix	Depth Range	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
HF-2	06/23/1993	HF_HF-2_4FT_19930623	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	HF_HF-2_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	HF_HF-3_4FT_19930623	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	HF_HF-3_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-4	06/23/1993	HF_HF-4_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-5	06/23/1993	HF_HF-5_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-6	06/23/1993	HF_HF-6_4.5FT_19930623	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-7	06/23/1993	HF_HF-7_6.5FT_19930623	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-8	06/23/1993	HF_HF-8_4FT_19930623	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--
HF-9	06/23/1993	HF_HF-9_4.5FT_19930623	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-10	06/23/1993	HF_HF-10_6FT_19930623	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	HF_HF-12_3FT_19930623	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	HF_HF-12_4.5FT_19930623	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	HF_HF-12_6FT_19930623	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	HF_HF-13_4.5FT_19930623	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	HF_HF-13_6FT_19930623	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	HF_HF-14_4FT_19930623	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	HF_HF-14_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	HF_HF-15_4FT_19930623	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	HF_HF-15_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--
HF-16	06/23/1993	HF_HF-16_5.5FT_19930623	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--
Shoreline Area																
MW-2	06/17/1993	PH_MW-2_10.5FT_19930617	N	SO	10.5–10.5 FT	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/17/1993	PH_MW-2_5.5FT_19930617	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--
Rennie Island																
RS-1	08/25/1992	GPM_RS-1 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RS-2	08/25/1992	GPM_RS-2 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RS-3	08/25/1992	GPM_RS-3 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RS-4	08/25/1992	GPM_RS-4 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RS-5	08/25/1992	GPM_RS-5 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RS-6	08/25/1992	GPM_RS-6 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RW-1	08/25/1992	GPM_RW-1 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RW-2	08/25/1992	GPM_RW-2 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RW-3	08/25/1992	GPM_RW-3 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--
RW-4	08/25/1992	GPM_RW-4 SURFACE_19920825	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--

Appendix H
Post-Interim Action Soil Data Screening – Industrial
Data Summary Report
Former Grays Harbor Pulp and Paper Mill
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Notes:

This table includes all past soil data remaining after interim actions were completed.

¹ Cleanup level with "No detectable benzene/benzene present"

Bolded values exceed the July 2024 MTCA Method A or Method C Noncancer Industrial Cleanup Level (Method A applies where a Method C cleanup level is not calculated).

Underlined values exceed the July 2024 MTCA Method C Cancer Industrial Cleanup Level.

- = cleanup level not calculated

-- = constituent not analyzed for

BTEX = benzene, toluene, ethylbenzene, and xylenes

FT = foot/feet

mg/kg = milligram per kilogram

MTCA = Model Toxics Control Act

N = normal

na = cleanup level not applicable

PAH = polycyclic aromatic hydrocarbon

SO = soil

T = total

TPH = total petroleum hydrocarbons

U = indicates the analyte was analyzed for but not detected



Appendix I Post-Interim Action Soil Data Screening – Unrestricted

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No.	Aluminum 7429-90-5	Cadmium 7440-43-9	Chromium, hexavalent 18540-29-9	Chromium, total 7440-47-3	Copper 7440-50-8	Iron 7439-89-6	Lead 7439-92-1	Mercury 7439-97-6	Nickel 7440-02-0	Silver 7440-22-4	Zinc 7440-66-6	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	2000	2000	-
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	na	na	na	-	-	250	2	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					80000	80	240	120000	3200	56000	-	-	-	-	400	24000	-	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Paper Mill (Paper Machine Area)																			
E1	08/07/1995	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E2	08/07/1995	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	N	SO	1.5-1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	670	--
E4	08/15/1995	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	140	--
N1	08/08/1995	N	SO	1.5-1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P6	06/21/1993	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P7	06/21/1993	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	130	--	--
P8	06/21/1993	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P8	06/21/1993	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P9	06/21/1993	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	270	--	--
P9	06/21/1993	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	330	--	--
P10	06/21/1993	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	220	--	--
P10	06/21/1993	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	170	--	--
P12	06/21/1993	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P12	06/21/1993	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-23B	09/12/1995	N	SO	7.3-7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	590	--
P26	06/21/1993	N	SO	0-1 FT	--	< 0.37 U	--	11	37	--	55	0.12	12	7	54	--	--	--	--
P26	06/21/1993	N	SO	0.5-0.5 FT	--	< 0.37 U	--	21	55	--	30	0.1	17	1.9	65	--	--	--	--
P-27	09/12/1995	N	SO	7.1-7.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--
P-29	08/03/1995	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	N	SO	7.8-7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	380	--
P-46	10/04/1995	N	SO	8.9-8.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	230	--
P-47	07/30/1993	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	N	SO	7.9-7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	990	--
P-63	10/11/1995	N	SO	9.6-9.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	130
P-65	10/11/1995	N	SO	9.4-9.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	1600	--
P-66	09/08/1995	N	SO	8-8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	920	--
P-67	06/08/1995	N	SO	8.1-8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	N	SO	0.5-0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--
P-70	09/12/1995	N	SO	7.5-7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	530	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No. Unit	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a] anthracene 56-55-3 mg/kg	Benzo[a] pyrene 50-32-8 mg/kg	Benzo[b] fluoranthene 205-99-2 mg/kg
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	100/30 ¹	2000	na	na	na	na	na	-	-	-	-	na	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	-	-	-	320	6400	8000	16000	-	4800	24000	-	24	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.5	18	-	-	-	-	-	-	-	0.19	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Paper Mill (Paper Machine Area)																		
E1	08/07/1995	N	SO	1–1 FT	--	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--
E2	08/07/1995	N	SO	1–1 FT	--	110	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	N	SO	1.5–1.5 FT	--	540	--	--	--	--	--	--	--	--	--	--	--	--
E4	08/15/1995	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N1	08/08/1995	N	SO	1.5–1.5 FT	--	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P5	06/21/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P6	06/21/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P7	06/21/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P8	06/21/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P8	06/21/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P9	06/21/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P9	06/21/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P10	06/21/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P10	06/21/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P12	06/21/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P12	06/21/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P-23B	09/12/1995	N	SO	7.3–7.3 FT	--	--	0.51	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P26	06/21/1993	N	SO	0.5–0.5 FT	--	--	--	--	--	--	--	--	--	--	--	< 0.1 U	< 0.1 U	< 0.1 U
P-27	09/12/1995	N	SO	7.1–7.1 FT	--	--	2.2	--	--	--	--	--	--	--	--	--	--	--
P-29	08/03/1995	N	SO	0.5–0.5 FT	--	--	5.21	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	N	SO	7.8–7.8 FT	--	--	1.8	--	--	--	--	--	--	--	--	--	--	--
P-46	10/04/1995	N	SO	8.9–8.9 FT	--	--	1	--	--	--	--	--	--	--	--	--	--	--
P-47	07/30/1993	N	SO	0.5–0.5 FT	--	140000	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	N	SO	7.9–7.9 FT	--	--	2.3	--	--	--	--	--	--	--	--	--	--	--
P-63	10/11/1995	N	SO	9.6–9.6 FT	--	--	10	--	--	--	--	--	--	--	--	--	--	--
P-65	10/11/1995	N	SO	9.4–9.4 FT	--	--	5.7	--	--	--	--	--	--	--	--	--	--	--
P-66	09/08/1995	N	SO	8–8 FT	--	--	< 0.21 U	--	--	--	--	--	--	--	--	--	--	--
P-67	06/08/1995	N	SO	8.1–8.1 FT	--	--	0.68	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	N	SO	0.5–0.5 FT	--	--	0.68	--	--	--	--	--	--	--	--	--	--	--
P-70	09/12/1995	N	SO	7.5–7.5 FT	--	--	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--

Appendix I
Post-Interim Action Soil Data Screening – Unrestricted
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Data Summary Report
Rayonier A.M. Properties, LLC
Hoquiam, Washington

					Benzo[g,h,i] perylene	Benzo[k] fluoranthene	Bis(2-Ethylhexyl) Phthalate	Chrysene	Dibenz[a,h] anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D) Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs PAHs_other
					191-24-2	207-08-9	117-81-7	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Paper Mill (Paper Machine Area)																
E1	08/07/1995	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
E2	08/07/1995	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
E3	08/07/1995	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
E4	08/15/1995	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
N1	08/08/1995	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P5	06/21/1993	N	SO	1–1 FT	<0.1 U	<0.1 U	1.2	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P5	06/21/1993	N	SO	4–4 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P6	06/21/1993	N	SO	1–1 FT	<0.1 U	<0.1 U	1.9	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P7	06/21/1993	N	SO	1–1 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P8	06/21/1993	N	SO	1–1 FT	<0.1 U	<0.1 U	0.52	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P8	06/21/1993	N	SO	3.5–3.5 FT	<0.1 U	<0.1 U	0.89	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P9	06/21/1993	N	SO	1–1 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P9	06/21/1993	N	SO	2.5–2.5 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P10	06/21/1993	N	SO	1–1 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P10	06/21/1993	N	SO	2.5–2.5 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P12	06/21/1993	N	SO	1–1 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P12	06/21/1993	N	SO	2.5–2.5 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	<0.1 U	--	<0.1 U	--	<0.1 U	<10 U	--
P-23B	09/12/1995	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--
P26	06/21/1993	N	SO	0–1 FT	<0.1 U	<0.1 U	<0.5 U	0.17	--	0.26	--	<0.1 U	--	0.15	0.24	--
P26	06/21/1993	N	SO	0.5–0.5 FT	<0.1 U	<0.1 U	<0.5 U	<0.1 U	--	0.14	--	<0.1 U	--	<0.1 U	0.14	--
P-27	09/12/1995	N	SO	7.1–7.1 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-29	08/03/1995	N	SO	0.5–0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-41	09/28/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-46	10/04/1995	N	SO	8.9–8.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-47	07/30/1993	N	SO	0.5–0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-59	09/12/1995	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-63	10/11/1995	N	SO	9.6–9.6 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-65	10/11/1995	N	SO	9.4–9.4 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-66	09/08/1995	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-67	06/08/1995	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-68	09/12/1995	N	SO	0.5–0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-70	09/12/1995	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
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 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	na	na	na	-	-	250	2	-	-	-	-	2000	2000	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					80000	80	240	120000	3200	56000	-	-	-	-	400	24000	-	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
P-72	09/13/1995	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	600	--
P-77	09/21/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	200	--
P-79	10/11/1995	N	SO	9.7–9.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	2300	--
PCB-1	10/12/1995	N	SO	10.5–10.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U	--
PCB-2	10/19/1995	N	SO	11.3–11.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	N	SO	11.8–11.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 94 U	--
PCB-5	10/24/1995	N	SO	12–12 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 84 U	--
PCB-8	10/25/1995	N	SO	10.9–10.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-9	09/19/1995	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 90 U	--
PCB-10	08/28/1995	N	SO	9.2–9.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 93 U	--
PCB-11	10/11/1995	N	SO	9.8–9.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	140	--
PCB-13	09/07/1995	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--
PCB-14	09/07/1995	N	SO	7.2–7.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 90 U	--
PCB-15	09/07/1995	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	970	--
PCB-16	09/07/1995	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	200	--
PCB-17	09/13/1995	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-18	09/07/1995	N	SO	6.8–6.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 89 U	--
PCB-19	09/13/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 81 U	--
PCB-20	09/07/1995	N	SO	8.7–8.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 120 U	--
PCB-21	10/24/1995	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-22	09/13/1995	N	SO	8.2–8.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	170	--
PCB-23	09/13/1995	N	SO	8.7–8.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	750	--
PCB-24	10/17/1995	N	SO	10.4–10.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-25	09/13/1995	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	350	--
PCB-26	10/11/1995	N	SO	9.1–9.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	460	--
PCB-27	10/18/1995	N	SO	9.3–9.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-30	09/21/1995	N	SO	7.4–7.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 89 U	--
PCB-32	09/21/1995	N	SO	6.9–6.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 89 U	--
PCB-39	10/18/1995	N	SO	9.8–9.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-42	09/28/1995	N	SO	7.7–7.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--
PCB-48	10/04/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	250	--

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 Rayonier A.M. Properties, LLC
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					Chemical Cas No. Unit	TPH as Gasoline Range Organics GRO mg/kg 100/30 ¹	TPH as Motor Oil Range Organics MRO mg/kg 2000	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg na	Benzene 71-43-2 mg/kg na	Toluene 108-88-3 mg/kg na	Ethylbenzene 100-41-4 mg/kg na	Xylenes 1330-20-7 mg/kg na	BTEX C-602X-T mg/kg -	Acenaphthene 83-32-9 mg/kg -	Anthracene 120-12-7 mg/kg 24000	Benzo[a] anthracene 56-55-3 mg/kg -	Benzo[a] pyrene 50-32-8 mg/kg 24	Benzo[b] fluoranthene 205-99-2 mg/kg -
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
P-72	09/13/1995	N	SO	8–8 FT	--	--	< 0.31 U	--	--	--	--	--	--	--	--	--	--	--
P-77	09/21/1995	N	SO	7.8–7.8 FT	--	--	1.9	--	--	--	--	--	--	--	--	--	--	--
P-79	10/11/1995	N	SO	9.7–9.7 FT	--	--	11	--	--	--	--	--	--	--	--	--	--	--
PCB-1	10/12/1995	N	SO	10.5–10.5 FT	--	5000	0.5	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/19/1995	N	SO	11.3–11.3 FT	--	2400	2.4	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	N	SO	11.8–11.8 FT	--	12000	12	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	N	SO	7.9–7.9 FT	--	< 140 U	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/24/1995	N	SO	12–12 FT	--	1000	1	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	N	SO	7.8–7.8 FT	--	370	0.37	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/25/1995	N	SO	10.9–10.9 FT	--	1200	1.2	--	--	--	--	--	--	--	--	--	--	--
PCB-9	09/19/1995	N	SO	9.5–9.5 FT	--	440	0.44	--	--	--	--	--	--	--	--	--	--	--
PCB-10	08/28/1995	N	SO	9.2–9.2 FT	--	--	0.81	--	--	--	--	--	--	--	--	--	--	--
PCB-11	10/11/1995	N	SO	9.8–9.8 FT	--	--	0.99	--	--	--	--	--	--	--	--	--	--	--
PCB-13	09/07/1995	N	SO	8.1–8.1 FT	--	--	0.38	--	--	--	--	--	--	--	--	--	--	--
PCB-14	09/07/1995	N	SO	7.2–7.2 FT	--	--	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--
PCB-15	09/07/1995	N	SO	7.5–7.5 FT	--	--	0.44	--	--	--	--	--	--	--	--	--	--	--
PCB-16	09/07/1995	N	SO	7.3–7.3 FT	--	--	6	--	--	--	--	--	--	--	--	--	--	--
PCB-17	09/13/1995	N	SO	8.6–8.6 FT	--	--	< 0.27 U	--	--	--	--	--	--	--	--	--	--	--
PCB-18	09/07/1995	N	SO	6.8–6.8 FT	--	--	0.16	--	--	--	--	--	--	--	--	--	--	--
PCB-19	09/13/1995	N	SO	8.5–8.5 FT	--	--	< 0.13 U	--	--	--	--	--	--	--	--	--	--	--
PCB-20	09/07/1995	N	SO	8.7–8.7 FT	--	--	4.7	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/24/1995	N	SO	10–10 FT	--	--	0.72	--	--	--	--	--	--	--	--	--	--	--
PCB-22	09/13/1995	N	SO	8.2–8.2 FT	--	--	1.1	--	--	--	--	--	--	--	--	--	--	--
PCB-23	09/13/1995	N	SO	8.7–8.7 FT	--	--	5.2	--	--	--	--	--	--	--	--	--	--	--
PCB-24	10/17/1995	N	SO	10.4–10.4 FT	--	--	5.9	--	--	--	--	--	--	--	--	--	--	--
PCB-25	09/13/1995	N	SO	8.4–8.4 FT	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--
PCB-26	10/11/1995	N	SO	9.1–9.1 FT	--	--	7	--	--	--	--	--	--	--	--	--	--	--
PCB-27	10/18/1995	N	SO	9.3–9.3 FT	--	--	5.3	--	--	--	--	--	--	--	--	--	--	--
PCB-30	09/21/1995	N	SO	7.4–7.4 FT	--	--	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--
PCB-32	09/21/1995	N	SO	6.9–6.9 FT	--	--	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--
PCB-39	10/18/1995	N	SO	9.8–9.8 FT	--	--	4.6	--	--	--	--	--	--	--	--	--	--	--
PCB-42	09/28/1995	N	SO	7.7–7.7 FT	--	--	< 0.14 U	--	--	--	--	--	--	--	--	--	--	--
PCB-48	10/04/1995	N	SO	7.8–7.8 FT	--	--	< 0.15 U	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Benzo[g,h,i] perylene 191-24-2 mg/kg	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
P-72	09/13/1995	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-77	09/21/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
P-79	10/11/1995	N	SO	9.7–9.7 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-1	10/12/1995	N	SO	10.5–10.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-2	10/19/1995	N	SO	11.3–11.3 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-3	10/25/1995	N	SO	11.8–11.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-4	09/13/1995	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-5	10/24/1995	N	SO	12–12 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-6	08/28/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-8	10/25/1995	N	SO	10.9–10.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-9	09/19/1995	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-10	08/28/1995	N	SO	9.2–9.2 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-11	10/11/1995	N	SO	9.8–9.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-13	09/07/1995	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-14	09/07/1995	N	SO	7.2–7.2 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-15	09/07/1995	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-16	09/07/1995	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-17	09/13/1995	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-18	09/07/1995	N	SO	6.8–6.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-19	09/13/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-20	09/07/1995	N	SO	8.7–8.7 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-21	10/24/1995	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-22	09/13/1995	N	SO	8.2–8.2 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-23	09/13/1995	N	SO	8.7–8.7 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-24	10/17/1995	N	SO	10.4–10.4 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-25	09/13/1995	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-26	10/11/1995	N	SO	9.1–9.1 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-27	10/18/1995	N	SO	9.3–9.3 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-30	09/21/1995	N	SO	7.4–7.4 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-32	09/21/1995	N	SO	6.9–6.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-39	10/18/1995	N	SO	9.8–9.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-42	09/28/1995	N	SO	7.7–7.7 FT	--	--	--	--	--	--	--	--	--	--	--	--
PCB-48	10/04/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	-	na	na	na	-	-	250	2	-	-	-	2000	2000	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	80000	80	240	120000	3200	56000	-	-	-	400	24000	-	-	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.38	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-49	10/17/1995	N	SO	8.9–8.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 84 U	--
PCB-50	10/23/1995	N	SO	9.9–9.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-51	10/24/1995	N	SO	10.7–10.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-1	10/25/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--
TPH-2	10/25/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 99 U	--
TPH-3	10/25/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--
TPH-4	10/25/1995	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 100 U	--
TPH-5	11/03/1995	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	94000
TPH-6	10/31/1995	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--
TPH-7	10/31/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	110	--
TPH-8	10/31/1995	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	140	--
TPH-9	10/31/1995	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	100	--
TPH-11	10/31/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	130	--
TPH-12	10/31/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	470	--
TPH-13	11/02/1995	N	SO	8.8–8.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--
TPH-15	11/07/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	2500	1800
W-1	07/26/1995	N	SO	5.2–5.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	07/26/1995	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	07/26/1995	N	SO	8.2–8.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-4	07/28/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-17	08/03/1995	N	SO	7.2–7.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-23	08/10/1995	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	920	--
W-30	08/15/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	15000	--
W-34	08/22/1995	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	130	--
W-36	08/23/1995	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	180	--
W-38	08/24/1995	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	22000	--
W-39	08/24/1995	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	84	--
W-42	08/30/1995	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	30	--
W-46	08/31/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	85	--
W-48	09/08/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	250	--
Finishing Area																			
B_FI	04/14/1995	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--
B-3	11/14/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No. Unit	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a] anthracene 56-55-3 mg/kg	Benzo[a] pyrene 50-32-8 mg/kg	Benzo[b] fluoranthene 205-99-2 mg/kg
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	100/30 ¹	2000	na	na	na	na	na	-	-	-	-	na	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	-	-	-	320	6400	8000	16000	-	4800	24000	-	24	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.5	18	-	-	-	-	-	-	-	0.19	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-49	10/17/1995	N	SO	8.9–8.9 FT	--	--	< 0.13 U	--	--	--	--	--	--	--	--	--	--	--
PCB-50	10/23/1995	N	SO	9.9–9.9 FT	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--
PCB-51	10/24/1995	N	SO	10.7–10.7 FT	--	--	< 0.16 U	--	--	--	--	--	--	--	--	--	--	--
TPH-1	10/25/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-2	10/25/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-3	10/25/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-4	10/25/1995	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-5	11/03/1995	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-6	10/31/1995	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-7	10/31/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-8	10/31/1995	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-9	10/31/1995	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-11	10/31/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-12	10/31/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-13	11/02/1995	N	SO	8.8–8.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-15	11/07/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	07/26/1995	N	SO	5.2–5.2 FT	--	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--
W-2	07/26/1995	N	SO	6.2–6.2 FT	--	330	--	--	--	--	--	--	--	--	--	--	--	--
W-3	07/26/1995	N	SO	8.2–8.2 FT	--	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--
W-4	07/28/1995	N	SO	7.8–7.8 FT	--	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--
W-17	08/03/1995	N	SO	7.2–7.2 FT	--	< 100 U	--	--	--	--	--	--	--	--	--	--	--	--
W-23	08/10/1995	N	SO	2–2 FT	--	320	--	--	--	--	--	--	--	--	--	--	--	--
W-30	08/15/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-34	08/22/1995	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-36	08/23/1995	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-38	08/24/1995	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-39	08/24/1995	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-42	08/30/1995	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-46	08/31/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
W-48	09/08/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Finishing Area																		
B_FI	04/14/1995	N	SO	3–3 FT	--	290	--	--	--	--	--	--	--	--	--	--	--	--
B-3	11/14/1994	N	SO	3.0–3.0 FT	--	52	--	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Benzo[g,h,i] perylene	Benzo[k] fluoranthene	Bis(2-Ethylhexyl) Phthalate	Chrysene	Dibenz[a,h] anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D) Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs PAHs_other	
					191-24-2	207-08-9	117-81-7	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0		
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PCB-49	10/17/1995	N	SO	8.9–8.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-50	10/23/1995	N	SO	9.9–9.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
PCB-51	10/24/1995	N	SO	10.7–10.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-1	10/25/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-2	10/25/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-3	10/25/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-4	10/25/1995	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-5	11/03/1995	N	SO	7.9–7.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-6	10/31/1995	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-7	10/31/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-8	10/31/1995	N	SO	8.6–8.6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-9	10/31/1995	N	SO	8.4–8.4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-11	10/31/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-12	10/31/1995	N	SO	8.5–8.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-13	11/02/1995	N	SO	8.8–8.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
TPH-15	11/07/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-1	07/26/1995	N	SO	5.2–5.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-2	07/26/1995	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	07/26/1995	N	SO	8.2–8.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-4	07/28/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-17	08/03/1995	N	SO	7.2–7.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-23	08/10/1995	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-30	08/15/1995	N	SO	8.3–8.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-34	08/22/1995	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-36	08/23/1995	N	SO	7.3–7.3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-38	08/24/1995	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-39	08/24/1995	N	SO	6.2–6.2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-42	08/30/1995	N	SO	8.1–8.1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-46	08/31/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-48	09/08/1995	N	SO	7.8–7.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Finishing Area																	
B_FI	04/14/1995	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
B-3	11/14/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	2000	2000	-
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	-	na	na	na	-	-	250	2	-	-	-	-	-	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	80000	80	240	120000	3200	56000	-	-	-	400	24000	-	-	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.38	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
B-4	11/14/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--
B-5	11/14/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--
B-6	11/14/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	510	--
B-10	11/14/1994	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	91	--
B-11	12/08/1994	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	200	--
B-12	12/08/1994	N	SO	2.0–2.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	25	--
C_FI	04/14/1995	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	67	--
D_FI	04/14/1995	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	29	--
F_FI	04/14/1995	N	SO	5.0–5.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--
G_FI	04/14/1995	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--
J_FI	04/14/1995	N	SO	14.5–14.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	15	--
J-1_FI	04/20/1995	N	SO	2.0–2.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--
J-2_FI	04/20/1995	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	180	--
K_FI	04/14/1995	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	16	--
L_FI	04/14/1995	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--
M_FI	04/14/1995	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	16	--
N-B(2)_FI	11/03/1994	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--
NNW-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	17	--
S(W)-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	18	--
S-B(2)_FI	11/04/1994	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	32	--
S-SW_FI	11/04/1994	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	63	--
TP-5	11/04/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	640	--
TP-7	12/08/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	130	--
TP-12	12/08/1994	N	SO	4.8–4.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	32	--
TP-16	12/08/1994	N	SO	3.9–3.9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	30	--
TP-17	12/08/1994	N	SO	4.0–4.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	37	--
W-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	33	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
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 Rayonier A.M. Properties, LLC
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					Chemical Cas No. Unit	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a] anthracene 56-55-3 mg/kg	Benzo[a] pyrene 50-32-8 mg/kg	Benzo[b] fluoranthene 205-99-2 mg/kg
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	100/30 ¹	2000	na	na	na	na	na	-	-	-	-	na	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	-	-	-	320	6400	8000	16000	-	4800	24000	-	24	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.5	18	-	-	-	-	-	-	-	0.19	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
B-4	11/14/1994	N	SO	3.0–3.0 FT	--	32	--	--	--	--	--	--	--	--	--	--	--	--
B-5	11/14/1994	N	SO	3.0–3.0 FT	--	25	--	--	--	--	--	--	--	--	--	--	--	--
B-6	11/14/1994	N	SO	3.0–3.0 FT	--	360	--	--	--	--	--	--	--	--	--	--	--	--
B-10	11/14/1994	N	SO	3.5–3.5 FT	--	250	--	--	--	--	--	--	--	--	--	--	--	--
B-11	12/08/1994	N	SO	1.5–1.5 FT	--	190	--	--	--	--	--	--	--	--	--	--	--	--
B-12	12/08/1994	N	SO	2.0–2.0 FT	--	110	--	--	--	--	--	--	--	--	--	--	--	--
C_FI	04/14/1995	N	SO	2.5–2.5 FT	--	110	--	--	--	--	--	--	--	--	--	--	--	--
D_FI	04/14/1995	N	SO	3.0–3.0 FT	--	97	--	--	--	--	--	--	--	--	--	--	--	--
F_FI	04/14/1995	N	SO	5.0–5.0 FT	--	32	--	--	--	--	--	--	--	--	--	--	--	--
G_FI	04/14/1995	N	SO	4.5–4.5 FT	--	27	--	--	--	--	--	--	--	--	--	--	--	--
J_FI	04/14/1995	N	SO	14.5–14.5 FT	--	33	--	--	--	--	--	--	--	--	--	--	--	--
J-1_FI	04/20/1995	N	SO	2.0–2.0 FT	--	62	--	--	--	--	--	--	--	--	--	--	--	--
J-2_FI	04/20/1995	N	SO	3.0–3.0 FT	--	240	--	--	--	--	--	--	--	--	--	--	--	--
K_FI	04/14/1995	N	SO	9.5–9.5 FT	--	34	--	--	--	--	--	--	--	--	--	--	--	--
L_FI	04/14/1995	N	SO	7.5–7.5 FT	--	27	--	--	--	--	--	--	--	--	--	--	--	--
M_FI	04/14/1995	N	SO	9.5–9.5 FT	--	37	--	--	--	--	--	--	--	--	--	--	--	--
N-B(2)_FI	11/03/1994	N	SO	6.5–6.5 FT	--	30	--	--	--	--	--	--	--	--	--	--	--	--
NNW-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	< 10 U	--	--	--	--	--	--	--	--	--	--	--	--
S(W)-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	61	--	--	--	--	--	--	--	--	--	--	--	--
S-B(2)_FI	11/04/1994	N	SO	3.5–3.5 FT	--	87	--	--	--	--	--	--	--	--	--	--	--	--
S-SW_FI	11/04/1994	N	SO	2.5–2.5 FT	--	230	--	--	--	--	--	--	--	--	--	--	--	--
TP-5	11/04/1994	N	SO	3.0–3.0 FT	--	250	--	--	--	--	--	--	--	--	--	--	--	--
TP-7	12/08/1994	N	SO	3.0–3.0 FT	--	380	--	--	--	--	--	--	--	--	--	--	--	--
TP-12	12/08/1994	N	SO	4.8–4.8 FT	--	110	--	--	--	--	--	--	--	--	--	--	--	--
TP-16	12/08/1994	N	SO	3.9–3.9 FT	--	66	--	--	--	--	--	--	--	--	--	--	--	--
TP-17	12/08/1994	N	SO	4.0–4.0 FT	--	51	--	--	--	--	--	--	--	--	--	--	--	--
W-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	100	--	--	--	--	--	--	--	--	--	--	--	--

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 Post-Interim Action Soil Data Screening – Unrestricted
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 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Benzo[g,h,i] perylene 191-24-2 mg/kg	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
B-4	11/14/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
B-5	11/14/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
B-6	11/14/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
B-10	11/14/1994	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
B-11	12/08/1994	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
B-12	12/08/1994	N	SO	2.0–2.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
C_FI	04/14/1995	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
D_FI	04/14/1995	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
F_FI	04/14/1995	N	SO	5.0–5.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
G_FI	04/14/1995	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
J_FI	04/14/1995	N	SO	14.5–14.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
J-1_FI	04/20/1995	N	SO	2.0–2.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
J-2_FI	04/20/1995	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
K_FI	04/14/1995	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
L_FI	04/14/1995	N	SO	7.5–7.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
M_FI	04/14/1995	N	SO	9.5–9.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
N-B(2)_FI	11/03/1994	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
NNW-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
S(W)-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
S-B(2)_FI	11/04/1994	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
S-SW_FI	11/04/1994	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
TP-5	11/04/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
TP-7	12/08/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
TP-12	12/08/1994	N	SO	4.8–4.8 FT	--	--	--	--	--	--	--	--	--	--	--	--
TP-16	12/08/1994	N	SO	3.9–3.9 FT	--	--	--	--	--	--	--	--	--	--	--	--
TP-17	12/08/1994	N	SO	4.0–4.0 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-SW(2)_FI	11/03/1994	N	SO	3.0–3.0 FT	--	--	--	--	--	--	--	--	--	--	--	--

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 Post-Interim Action Soil Data Screening – Unrestricted
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 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	na	na	na	-	-	250	2	-	-	-	2000	2000	-	
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					80000	80	240	120000	3200	56000	-	-	-	-	400	24000	-	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Silvichemical Area																			
C-9	06/22/1992	N	SO	0-1 FT	460	--	--	16000	23	1500	--	--	--	--	320	--	--	--	
C-9	06/22/1992	N	SO	1-1 FT	10000	--	--	1100	35	23000	--	--	--	--	75	--	--	--	
C-10	06/22/1992	N	SO	0-1 FT	11000	--	--	1400	46	30000	--	--	--	--	320	--	--	--	
C-10	06/22/1992	N	SO	1-1 FT	12000	--	--	1400	44	35000	--	--	--	--	110	--	--	--	
C-14	06/22/1992	N	SO	0-1 FT	18000	--	--	200	32	32000	--	--	--	--	54	--	--	--	
C-14	06/22/1992	N	SO	1-1 FT	21000	--	--	31	26	20000	--	--	--	--	38	--	--	--	
C-15	06/22/1992	N	SO	0-1 FT	17000	--	--	6000	100	23000	--	--	--	--	540	--	--	--	
C-15	06/22/1992	N	SO	1-1 FT	11000	--	--	190	57	22000	--	--	--	--	60	--	--	--	
C-20	08/27/1992	N	SO	0-1 FT	--	--	< 0.05 U	14	--	--	--	--	--	--	--	--	--	--	
C-20	08/27/1992	N	SO	1-1 FT	--	--	< 0.05 U	12	--	--	--	--	--	--	--	--	--	--	
C-21	08/27/1992	N	SO	0-1 FT	--	--	< 0 U	4900	--	--	--	--	--	--	--	--	--	--	
C-21	08/27/1992	N	SO	1-1 FT	--	--	< 0 U	11000	--	--	--	--	--	--	--	--	--	--	
C-21	08/27/1992	N	SO	3-3 FT	--	--	< 0.05 U	1100	--	--	--	--	--	--	--	--	--	--	
C-36	06/15/1993	N	SO	4-4 FT	--	--	--	120	--	--	--	--	--	--	--	--	--	--	
C-36	06/15/1993	N	SO	5.5-5.5 FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--	
C-37	06/15/1993	N	SO	4-4 FT	--	--	--	10	--	--	--	--	--	--	--	--	--	--	
C-37	06/15/1993	N	SO	5.5-5.5 FT	--	--	--	12	--	--	--	--	--	--	--	--	--	--	
C-38	06/15/1993	N	SO	4-4 FT	--	--	--	56	--	--	--	--	--	--	--	--	--	--	
C-38	06/15/1993	N	SO	5.5-5.5 FT	--	--	--	290	--	--	--	--	--	--	--	--	--	--	
C-40	06/15/1993	N	SO	2.5-2.5 FT	--	--	--	27	--	--	--	--	--	--	--	--	--	--	
C-40	06/15/1993	N	SO	4-4 FT	--	--	--	20	--	--	--	--	--	--	--	--	--	--	
C-41	06/15/1993	N	SO	2.5-2.5 FT	--	--	0.4	2060	--	--	--	--	--	--	--	--	--	--	
C-41	06/15/1993	N	SO	4-4 FT	--	--	0.3	3510	--	--	--	--	--	--	--	--	--	--	
C-42	06/15/1993	N	SO	2.5-2.5 FT	--	--	0.1	2410	--	--	--	--	--	--	--	--	--	--	
C-42	06/15/1993	N	SO	4-4 FT	--	--	0.2	424	--	--	--	--	--	--	--	--	--	--	
C-42A	06/16/1993	N	SO	2-2 FT	--	--	--	41	--	--	--	--	--	--	--	--	--	--	
C-42A	06/16/1993	N	SO	4-4 FT	--	--	--	< 10 U	--	--	--	--	--	--	--	--	--	--	
C-43	06/15/1993	N	SO	2.5-2.5 FT	--	--	0.1	64	--	--	--	--	--	--	--	--	--	--	
C-43	06/15/1993	N	SO	4-4 FT	--	--	0.5	2570	--	--	--	--	--	--	--	--	--	--	
C-43A	06/16/1993	N	SO	2-2 FT	--	--	--	26	--	--	--	--	--	--	--	--	--	--	
C-43A	06/16/1993	N	SO	3.5-3.5 FT	--	--	--	38	--	--	--	--	--	--	--	--	--	--	
C-43A	06/16/1993	N	SO	5-5 FT	--	--	--	579	--	--	--	--	--	--	--	--	--	--	

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
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					Chemical Cas No. Unit	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a] anthracene 56-55-3 mg/kg	Benzo[a] pyrene 50-32-8 mg/kg	Benzo[b] fluoranthene 205-99-2 mg/kg
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	100/30 ¹	2000	na	na	na	na	na	-	-	-	-	na	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	-	-	-	320	6400	8000	16000	-	4800	24000	-	24	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.5	18	-	-	-	-	-	-	-	0.19	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Silvichemical Area																		
C-9	06/22/1992	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-9	06/22/1992	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	0-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	1-1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	3-3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	5.5-5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	2.5-2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	4-4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	2-2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	3.5-3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	5-5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
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 Rayonier A.M. Properties, LLC
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					Benzo[g,h,i] perylene 191-24-2 mg/kg	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Silvichemical Area																
C-9	06/22/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-9	06/22/1992	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-10	06/22/1992	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-14	06/22/1992	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-15	06/22/1992	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-20	08/27/1992	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-21	08/27/1992	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-36	06/15/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-37	06/15/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-38	06/15/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-40	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-41	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-42	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-42A	06/16/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-43A	06/16/1993	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--

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					Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	-	na	na	na	-	-	250	2	-	-	-	2000	2000	-
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	-	na	na	na	-	-	250	2	-	-	-	2000	2000	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	80000	80	240	120000	3200	56000	-	-	-	400	24000	-	-	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.38	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-44	06/15/1993	N	SO	2.5–2.5 FT	--	--	2.1	864	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	4–4 FT	--	--	< 0.1 U	296	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	2–2 FT	--	--	--	23	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	2.5–2.5 FT	--	--	< 0.1 U	21	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	4–4 FT	--	--	< 0.1 U	44	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	2.5–2.5 FT	--	--	3.6	439	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	4–4 FT	--	--	1.4	1830	--	--	--	--	--	--	--	--	--	--	--
C-47	06/16/1993	N	SO	2–2 FT	--	--	--	731	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	2.5–2.5 FT	--	--	0.3	112	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	4–4 FT	--	--	< 0.1 U	163	--	--	--	--	--	--	--	--	--	--	--
C-49	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	39	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	57	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	5–5 FT	--	--	--	65	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	2–2 FT	--	--	--	42	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	97	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	2–2 FT	--	--	--	61	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	2260	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	2.5–2.5 FT	--	--	--	33	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4–4 FT	--	--	--	32	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4.5–4.5 FT	--	--	--	46	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	4–4 FT	--	--	--	44	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	5.5–5.5 FT	--	--	--	< 10 U	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	4–4 FT	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	5.5–5.5 FT	--	--	--	50	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/17/1993	N	SO	4–4 FT	--	--	--	56	--	--	--	--	--	--	--	--	--	< 10 U	--
MW-6	06/24/1993	N	SO	6.5–6.5 FT	--	--	--	22	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/24/1993	N	SO	6.5–6.5 FT	--	--	--	18	--	--	--	--	--	--	--	--	--	--	--
Log Yard Area																			
LS-4	08/24/1994	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	20	< 50 U
LS-4	08/24/1994	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/31/1994	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	30	20	--	--
LS-6B	08/01/1994	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	800	20	310	--

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 Hoquiam, Washington

					TPH as Gasoline Range Organics GRO mg/kg 100/30 ¹	TPH as Motor Oil Range Organics MRO mg/kg 2000	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg na	Benzene 71-43-2 mg/kg na	Toluene 108-88-3 mg/kg 6400	Ethylbenzene 100-41-4 mg/kg 8000	Xylenes 1330-20-7 mg/kg 16000	BTEX C-602X-T mg/kg -	Acenaphthene 83-32-9 mg/kg 4800	Anthracene 120-12-7 mg/kg 24000	Benzo[a] anthracene 56-55-3 mg/kg -	Benzo[a] pyrene 50-32-8 mg/kg 24	Benzo[b] fluoranthene 205-99-2 mg/kg -
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-44	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-47	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/17/1993	N	SO	4–4 FT	--	49	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/24/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/24/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
Log Yard Area																	
LS-4	08/24/1994	N	SO	7–7 FT	--	30	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/24/1994	N	SO	7–7 FT	--	360	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/31/1994	N	SO	7–7 FT	--	< 50 U	--	--	--	--	--	--	--	--	--	--	--
LS-6B	08/01/1994	N	SO	3–3 FT	--	800	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Benzo[g,h,i] perylene 191-24-2 mg/kg	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-44	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-44	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-44A	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-45	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-46	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-47	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-48	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/15/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-49	06/16/1993	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-50	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51	06/16/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-51A	06/16/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-52	06/16/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	06/15/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	06/17/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	06/24/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	06/24/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
Log Yard Area																
LS-4	08/24/1994	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/24/1994	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-4	08/31/1994	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-6B	08/01/1994	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
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 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No.	Aluminum 7429-90-5	Cadmium 7440-43-9	Chromium, hexavalent 18540-29-9	Chromium, total 7440-47-3	Copper 7440-50-8	Iron 7439-89-6	Lead 7439-92-1	Mercury 7439-97-6	Nickel 7440-02-0	Silver 7440-22-4	Zinc 7440-66-6	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	2000	2000	-
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	na	na	na	-	-	250	2	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					80000	80	240	120000	3200	56000	-	-	-	-	400	24000	-	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
LS-6B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	20	--
LS-14	08/24/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	20	50
LS-14	08/31/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	10	20	--	
LS-15B	08/01/1994	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	120	80	280	
LS-15B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	80	--	
LS-17A	09/09/1994	N	SO	8–8 FT	--	--	--	--	--	--	100	--	--	--	--	--	--	--	
LS-17A	09/09/1994	N	SO	9–9 FT	--	--	--	--	--	--	140	--	--	--	--	--	--	--	
LS-17B	09/09/1994	N	SO	8–8 FT	--	--	--	--	--	--	200	--	--	--	--	--	--	--	
LS-17B	09/09/1994	N	SO	10–10 FT	--	--	--	--	--	--	130	--	--	--	--	--	--	--	
LS-17C	09/09/1994	N	SO	8–8 FT	--	--	--	--	--	--	110	--	--	--	--	--	--	--	
LS-17C	09/09/1994	N	SO	9–9 FT	--	--	--	--	--	--	170	--	--	--	--	--	--	--	
LS-18	08/24/1994	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	100	290	
LS-18	08/31/1994	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	270	60	--	
LS-24	08/24/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	40	190	
LS-24	08/24/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
LS-24	08/31/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	110	40	--	
LS-27	08/31/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	< 10 U	100	< 50 U	
LS-27	08/24/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	30	--	
LS-36	08/24/1994	N	SO	13–13 FT	--	--	--	--	--	--	--	--	--	--	--	--	40	90	
LS-37	08/31/1994	N	SO	13–13 FT	--	--	--	--	--	--	--	--	--	--	--	10	30	--	
LS-38B	08/01/1994	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	320	< 20 U	340	
LS-38B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	< 20 U	--	
LS-41	08/24/1994	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--	60	190	
LS-41	08/31/1994	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	100	40	--	
LS-49B	08/01/1994	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	340	30	340	
LS-55B	08/01/1994	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	120	30	420	
LS-55B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	30	--	
LS-58	10/18/1993	N	SO	10–10 FT	--	--	--	51	--	--	15	--	--	--	--	--	--	--	
LS-58	10/18/1993	N	SO	3–3 FT	--	--	--	47	--	--	15	--	--	--	--	--	--	--	
LS-58	10/18/1993	N	SO	6.5–6.5 FT	--	--	--	47	--	--	< 10 U	--	--	--	--	--	--	--	
Gasoline and Maintenance Area																			
C-53	06/17/1993	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	5.8	--	--	--	--	--	--	< 10 U	--
C-53	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	< 1 U	--	--	79	--	--	--	--	--	--	270	--

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 Rayonier A.M. Properties, LLC
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					Chemical Cas No. Unit	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a] anthracene 56-55-3 mg/kg	Benzo[a] pyrene 50-32-8 mg/kg	Benzo[b] fluoranthene 205-99-2 mg/kg
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	100/30 ¹	2000	na	na	na	na	na	-	-	-	-	na	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	-	-	-	320	6400	8000	16000	-	4800	24000	-	24	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.5	18	-	-	-	-	-	-	-	0.19	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
LS-6B	08/04/1994	N	SO		--	310	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/24/1994	N	SO	10-10 FT	--	10	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/31/1994	N	SO	10-10 FT	--	50	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/01/1994	N	SO	2-2 FT	--	120	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/04/1994	N	SO		--	280	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	8-8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	9-9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	8-8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	10-10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	8-8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	9-9 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/24/1994	N	SO	2-2 FT	--	270	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/31/1994	N	SO	2-2 FT	--	190	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10-10 FT	--	110	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10-10 FT	--	1200	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/31/1994	N	SO	10-10 FT	--	190	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/31/1994	N	SO	10-10 FT	--	290	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/24/1994	N	SO	10-10 FT	--	< 10 U	--	--	--	--	--	--	--	--	--	--	--	--
LS-36	08/24/1994	N	SO	13-13 FT	--	10	--	--	--	--	--	--	--	--	--	--	--	--
LS-37	08/31/1994	N	SO	13-13 FT	--	< 50 U	--	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/01/1994	N	SO	5-5 FT	--	320	--	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/04/1994	N	SO		--	340	--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/24/1994	N	SO	6-6 FT	--	100	--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/31/1994	N	SO	6-6 FT	--	90	--	--	--	--	--	--	--	--	--	--	--	--
LS-49B	08/01/1994	N	SO	2-2 FT	--	340	--	--	--	--	--	--	--	--	--	--	--	--
LS-55B	08/01/1994	N	SO	6.5-6.5 FT	--	120	--	--	--	--	--	--	--	--	--	--	--	--
LS-55B	08/04/1994	N	SO		--	420	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	10-10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	3-3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	6.5-6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gasoline and Maintenance Area																		
C-53	06/17/1993	N	SO	2.5-2.5 FT	< 1 U	< 25 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--
C-53	06/17/1993	N	SO	5.5-5.5 FT	4.4	490	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--	--

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 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Benzo[g,h,i] perylene 191-24-2 mg/kg	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
LS-6B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/24/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-14	08/31/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/01/1994	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-15B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17A	09/09/1994	N	SO	9–9 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17B	09/09/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-17C	09/09/1994	N	SO	9–9 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/24/1994	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-18	08/31/1994	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/24/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-24	08/31/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/31/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-27	08/24/1994	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-36	08/24/1994	N	SO	13–13 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-37	08/31/1994	N	SO	13–13 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/01/1994	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-38B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/24/1994	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-41	08/31/1994	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-49B	08/01/1994	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-55B	08/01/1994	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-55B	08/04/1994	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
LS-58	10/18/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
Gasoline and Maintenance Area																
C-53	06/17/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-53	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--

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					Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	-	na	na	na	-	-	250	2	-	-	-	2000	2000	-
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	80000	80	240	120000	3200	56000	-	-	-	400	24000	-	-	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	-	-	0.38	-	-	-	-	-	-	-	-	-	-	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-54	06/17/1993	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	57	--	--	--	--	--	--	310	--
C-54	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	< 1 U	--	--	43	--	--	--	--	--	--	220	--
C-55	06/17/1993	N	SO	0.5–0.5 FT	--	--	--	< 1 U	--	--	44	--	--	--	--	--	--	98	--
C-55	06/17/1993	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	32	--	--	--	--	--	--	11	--
C-56	06/17/1993	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
C-56	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	< 1 U	--	--	10	--	--	--	--	--	--	470	--
C-57	06/18/1993	N	SO	2.5–2.5 FT	--	--	--	< 1 U	--	--	8	--	--	--	--	--	--	70	--
C-57	06/18/1993	N	SO	4–4 FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	48	--
C-58	06/18/1993	N	SO	1.5–1.5 FT	--	--	--	< 1 U	--	--	230	--	--	--	--	--	--	39	--
C-58	06/18/1993	N	SO	5.5–5.5 FT	--	--	--	< 1 U	--	--	36	--	--	--	--	--	--	10	--
C-59	06/18/1993	N	SO	2–2 FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	16	--
C-59	06/18/1993	N	SO	4–4 FT	--	--	--	< 1 U	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
MW-3	06/17/1993	N	SO	3.5–3.5 FT	--	--	--	< 1 U	--	--	450	--	--	--	--	--	--	120	--
Fuel Oil Tank/Utility Chase Area																			
E-1	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	21.6	--
E-2	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	42.3	--
E-3	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	85.9	--
E-4	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	7230	--
E-5	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--	--	51.8	--
LB-1	10/15/1993	N	SO	10–10 FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--
LB-1	10/15/1993	N	SO	1–1 FT	--	--	--	35	--	--	18	--	--	--	--	--	--	< 25 U	--
LB-1	10/15/1993	N	SO	5–5 FT	--	--	--	32	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--
LB-2	10/15/1993	N	SO	10–10 FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--
LB-2	10/15/1993	N	SO	1–1 FT	--	--	--	49	--	--	57	--	--	--	--	--	--	100	--
LB-2	10/15/1993	N	SO	5–5 FT	--	--	--	26	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--
LB-4	10/15/1993	N	SO	1–1 FT	--	--	--	23	--	--	< 10 U	--	--	--	--	--	--	< 25 U	--
LB-4	10/15/1993	N	SO	3.5–3.5 FT	--	--	--	19	--	--	37	--	--	--	--	--	--	12	--
LB-4	10/15/1993	N	SO	6–6 FT	--	--	--	24	--	--	< 10 U	--	--	--	--	--	--	12	--
UC-1	10/18/1993	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	22	--
UC-1	10/18/1993	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	12	--
UC-1	10/18/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--
UC-2	10/18/1993	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	10	--
UC-2	10/18/1993	N	SO	10–10 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--

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					TPH as Gasoline Range Organics GRO mg/kg 100/30 ¹	TPH as Motor Oil Range Organics MRO mg/kg 2000	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg na	Benzene 71-43-2 mg/kg na	Toluene 108-88-3 mg/kg na	Ethylbenzene 100-41-4 mg/kg na	Xylenes 1330-20-7 mg/kg na	BTEX C-602X-T mg/kg -	Acenaphthene 83-32-9 mg/kg -	Anthracene 120-12-7 mg/kg 24000	Benzo[a] anthracene 56-55-3 mg/kg -	Benzo[a] pyrene 50-32-8 mg/kg 24	Benzo[b] fluoranthene 205-99-2 mg/kg -
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					100/30 ¹	2000	na	na	na	na	na	-	-	-	-	na	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	-	320	6400	8000	16000	-	4800	24000	-	24	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.5	18	-	-	-	-	-	-	-	0.19	-
C-54	06/17/1993	N	SO	2.5–2.5 FT	< 1 U	260	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-54	06/17/1993	N	SO	5.5–5.5 FT	< 1 U	690	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-55	06/17/1993	N	SO	0.5–0.5 FT	< 1 U	450	--	--	--	--	--	< 0 U	--	--	--	--	--
C-55	06/17/1993	N	SO	2.5–2.5 FT	< 1 U	68	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-56	06/17/1993	N	SO	2.5–2.5 FT	< 1 U	37	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-56	06/17/1993	N	SO	5.5–5.5 FT	21	410	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-57	06/18/1993	N	SO	2.5–2.5 FT	< 1 U	110	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-57	06/18/1993	N	SO	4–4 FT	< 1 U	110	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-58	06/18/1993	N	SO	1.5–1.5 FT	< 1 U	220	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-58	06/18/1993	N	SO	5.5–5.5 FT	< 1 U	49	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-59	06/18/1993	N	SO	2–2 FT	< 1 U	40	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
C-59	06/18/1993	N	SO	4–4 FT	< 1 U	33	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0 U	--	--	--	--	--
MW-3	06/17/1993	N	SO	3.5–3.5 FT	11	390	--	0.18	0.12	0.074	0.85	1.224	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area																	
E-1	09/30/1996	N	SO		--	49.4	--	--	--	--	--	--	--	--	--	--	--
E-2	09/30/1996	N	SO		--	85.6	--	--	--	--	--	--	--	--	--	--	--
E-3	09/30/1996	N	SO		--	187	--	--	--	--	--	--	--	--	--	--	--
E-4	09/30/1996	N	SO		--	1380	--	--	--	--	--	--	--	--	--	--	--
E-5	09/30/1996	N	SO		--	176	--	--	--	--	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	10–10 FT	--	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
LB-1	10/15/1993	N	SO	1–1 FT	--	29	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
LB-1	10/15/1993	N	SO	5–5 FT	--	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
LB-2	10/15/1993	N	SO	10–10 FT	--	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
LB-2	10/15/1993	N	SO	1–1 FT	--	500	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
LB-2	10/15/1993	N	SO	5–5 FT	--	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
LB-4	10/15/1993	N	SO	1–1 FT	--	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
LB-4	10/15/1993	N	SO	3.5–3.5 FT	--	31	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
LB-4	10/15/1993	N	SO	6–6 FT	--	< 10 U	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
UC-1	10/18/1993	N	SO	1.5–1.5 FT	--	49	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
UC-1	10/18/1993	N	SO	10–10 FT	--	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
UC-1	10/18/1993	N	SO	6–6 FT	--	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
UC-2	10/18/1993	N	SO	1.5–1.5 FT	--	30	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--
UC-2	10/18/1993	N	SO	10–10 FT	--	31	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--

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Chemical					Benzo[g,h,i]	Benzo[k]	Bis(2-Ethylhexyl)	Chrysene	Dibenz[a,h]	Fluoranthene	Fluorene	Indeno(1,2,3-C,D)	Naphthalene	Phenanthrene	Pyrene	All other PAHs
Cas No.					191-24-2	207-08-9	117-81-7	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	PAHs_other
Unit					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
C-54	06/17/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-54	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	0.5–0.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-55	06/17/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-56	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-57	06/18/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-58	06/18/1993	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-58	06/18/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
C-59	06/18/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	06/17/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
Fuel Oil Tank/Utility Chase Area																
E-1	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
E-2	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
E-3	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
E-4	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
E-5	09/30/1996	N	SO		--	--	--	--	--	--	--	--	--	--	--	--
LB-1	10/15/1993	N	SO	10–10 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	< 0 U	< 0 U
LB-1	10/15/1993	N	SO	1–1 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	< 0 U	< 0 U
LB-1	10/15/1993	N	SO	5–5 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	< 0 U	< 0 U
LB-2	10/15/1993	N	SO	10–10 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	< 0 U	< 0 U
LB-2	10/15/1993	N	SO	1–1 FT	--	--	--	< 0 U	--	0.32	--	--	--	< 0 U	< 0 U	< 0 U
LB-2	10/15/1993	N	SO	5–5 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	< 0 U	< 0 U
LB-4	10/15/1993	N	SO	1–1 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	< 0 U	< 0 U
LB-4	10/15/1993	N	SO	3.5–3.5 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	< 0 U	< 0 U
LB-4	10/15/1993	N	SO	6–6 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	< 0 U	< 0 U
UC-1	10/18/1993	N	SO	1.5–1.5 FT	--	--	--	0.96	--	< 0 U	--	--	--	< 0 U	--	< 0 U
UC-1	10/18/1993	N	SO	10–10 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	--	< 0 U
UC-1	10/18/1993	N	SO	6–6 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	--	< 0 U
UC-2	10/18/1993	N	SO	1.5–1.5 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	--	< 0 U
UC-2	10/18/1993	N	SO	10–10 FT	--	--	--	< 0 U	--	< 0 U	--	--	--	< 0 U	--	< 0 U

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					Chemical Cas No.	Aluminum 7429-90-5 mg/kg	Cadmium 7440-43-9 mg/kg	Chromium, hexavalent 18540-29-9 mg/kg	Chromium, total 7440-47-3 mg/kg	Copper 7440-50-8 mg/kg	Iron 7439-89-6 mg/kg	Lead 7439-92-1 mg/kg	Mercury 7439-97-6 mg/kg	Nickel 7440-02-0 mg/kg	Silver 7440-22-4 mg/kg	Zinc 7440-66-6 mg/kg	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit														
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	na	na	na	-	-	250	2	-	-	-	-	2000	2000	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					80000	80	240	120000	3200	56000	-	-	-	-	400	24000	-	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
UC-2	10/18/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--
UC-3	10/18/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	81	--
UC-3	10/18/1993	N	SO	7–7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	22	--
UC-4	10/18/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--
UC-4	10/18/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--
UC-4	10/18/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--
UC-5	10/18/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	1100	--
UC-5	10/18/1993	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--
UC-5	10/18/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	570	--
UC-6	10/19/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--
UC-6	10/19/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	800	--
UC-6	10/19/1993	N	SO	8–8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 25 U	--
Powerhouse Area																			
MW-8	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	10	--	--	--	--	--	--	--	--	--	12	--
PH-1	06/17/1993	N	SO	2–2 FT	--	--	--	94	--	--	--	--	--	--	--	--	--	76000	--
PH-1	06/17/1993	N	SO	3.5–3.5 FT	--	--	--	91	--	--	--	--	--	--	--	--	--	12000	--
PH-1	10/01/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	25000	--
PH-2	06/17/1993	N	SO	1–1 FT	--	--	--	92	--	--	--	--	--	--	--	--	--	180	--
PH-2	06/17/1993	N	SO	4–4 FT	--	--	--	31	--	--	--	--	--	--	--	--	--	14	--
PH-2	10/01/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	120	--
PH-3	06/17/1993	N	SO	2–2 FT	--	--	--	79	--	--	--	--	--	--	--	--	--	150	--
PH-3	10/01/1993	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	39	--
PH-4	06/17/1993	N	SO	1–1 FT	--	--	--	62	--	--	--	--	--	--	--	--	--	44	--
PH-4	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	41	--	--	--	--	--	--	--	--	--	< 10 U	--
PH-4	10/01/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	26	--
PH-5	06/17/1993	N	SO	1.5–1.5 FT	--	--	--	630	--	--	--	--	--	--	--	--	--	7100	--
PH-5	06/17/1993	N	SO	3.5–3.5 FT	--	--	--	88	--	--	--	--	--	--	--	--	--	6200	--
PH-5	10/01/1993	N	SO	2.5–2.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	3200	--
PH-6	06/17/1993	N	SO	3–3 FT	--	--	--	43	--	--	--	--	--	--	--	--	--	200000	--
PH-6	10/01/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	80000	--
PH-8	06/17/1993	N	SO	1.5–1.5 FT	--	--	--	70	--	--	--	--	--	--	--	--	--	150	--
PH-8	06/17/1993	N	SO	4–4 FT	--	--	--	32	--	--	--	--	--	--	--	--	--	< 10 U	--
PH-10	11/01/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	56	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No. Unit	TPH as Gasoline Range Organics GRO mg/kg 100/30 ¹	TPH as Motor Oil Range Organics MRO mg/kg 2000	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg na	Benzene 71-43-2 mg/kg na	Toluene 108-88-3 mg/kg na	Ethylbenzene 100-41-4 mg/kg na	Xylenes 1330-20-7 mg/kg na	BTEX C-602X-T mg/kg -	Acenaphthene 83-32-9 mg/kg -	Anthracene 120-12-7 mg/kg 24000	Benzo[a] anthracene 56-55-3 mg/kg -	Benzo[a] pyrene 50-32-8 mg/kg na	Benzo[b] fluoranthene 205-99-2 mg/kg -	
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level						-	-	0.5	320	6400	8000	16000	-	4800	-	-	24	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level						-	-	0.5	18	-	-	-	-	-	-	-	0.19	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level						-	-	0.5	18	-	-	-	-	-	-	-	0.19	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
UC-2	10/18/1993	N	SO	6.5–6.5 FT	--	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
UC-3	10/18/1993	N	SO	2–2 FT	--	260	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
UC-3	10/18/1993	N	SO	7–7 FT	--	99	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
UC-4	10/18/1993	N	SO	2–2 FT	--	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
UC-4	10/18/1993	N	SO	4–4 FT	--	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
UC-4	10/18/1993	N	SO	6.5–6.5 FT	--	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
UC-5	10/18/1993	N	SO	2–2 FT	--	2700	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
UC-5	10/18/1993	N	SO	5–5 FT	--	49	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	0.89	< 0 U	--		
UC-5	10/18/1993	N	SO	6.5–6.5 FT	--	2300	--	< 0.05 U	< 0.05 U	0.06	0.5	--	--	--	< 0 U	< 0 U	--		
UC-6	10/19/1993	N	SO	3.5–3.5 FT	--	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
UC-6	10/19/1993	N	SO	6.5–6.5 FT	--	1700	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	0.13	--		
UC-6	10/19/1993	N	SO	8–8 FT	--	< 10 U	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	--	--	< 0 U	< 0 U	--		
Powerhouse Area																			
MW-8	06/17/1993	N	SO	5.5–5.5 FT	--	31	--	--	--	--	--	--	--	--	--	--	--	--	
PH-1	06/17/1993	N	SO	2–2 FT	--	76000	--	--	--	--	--	--	--	--	--	--	--	--	
PH-1	06/17/1993	N	SO	3.5–3.5 FT	--	15000	--	--	--	--	--	--	--	--	--	--	--	--	
PH-1	10/01/1993	N	SO	3–3 FT	--	21000	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	37	28	< 0 U		
PH-2	06/17/1993	N	SO	1–1 FT	--	640	--	--	--	--	--	--	--	--	--	--	--	--	
PH-2	06/17/1993	N	SO	4–4 FT	--	39	--	--	--	--	--	--	--	--	--	--	--	--	
PH-2	10/01/1993	N	SO	2–2 FT	--	250	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U		
PH-3	06/17/1993	N	SO	2–2 FT	--	440	--	--	--	--	--	--	--	--	--	--	--	--	
PH-3	10/01/1993	N	SO	1.5–1.5 FT	--	93	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U		
PH-4	06/17/1993	N	SO	1–1 FT	--	82	--	--	--	--	--	--	--	--	--	--	--	--	
PH-4	06/17/1993	N	SO	5.5–5.5 FT	--	34	--	--	--	--	--	--	--	--	--	--	--	--	
PH-4	10/01/1993	N	SO	2–2 FT	--	37	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	< 0 U	< 0 U	< 0 U		
PH-5	06/17/1993	N	SO	1.5–1.5 FT	--	11000	--	--	--	--	--	--	--	--	--	--	--	--	
PH-5	06/17/1993	N	SO	3.5–3.5 FT	--	3800	--	--	--	--	--	--	--	--	--	--	--	--	
PH-5	10/01/1993	N	SO	2.5–2.5 FT	--	2500	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	1.9	< 0 U	< 0 U		
PH-6	06/17/1993	N	SO	3–3 FT	--	3100	--	--	--	--	--	--	--	--	--	--	--	--	
PH-6	10/01/1993	N	SO	3.5–3.5 FT	--	44000	--	< 0.05 U	< 0.05 U	< 0.05 U	0.251	--	< 0 U	< 0 U	37	< 0 U	< 0 U		
PH-8	06/17/1993	N	SO	1.5–1.5 FT	--	400	--	--	--	--	--	--	--	--	--	--	--	--	
PH-8	06/17/1993	N	SO	4–4 FT	--	46	--	--	--	--	--	--	--	--	--	--	--	--	
PH-10	11/01/1993	N	SO	3.5–3.5 FT	--	180	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	--	< 0 U	< 0 U	0.21	< 0 U	0.13		

Appendix I
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					Benzo[g,h,i] perylene 191-24-2 mg/kg	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
UC-2	10/18/1993	N	SO	6.5–6.5 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-3	10/18/1993	N	SO	2–2 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-3	10/18/1993	N	SO	7–7 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-4	10/18/1993	N	SO	2–2 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-4	10/18/1993	N	SO	4–4 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-4	10/18/1993	N	SO	6.5–6.5 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-5	10/18/1993	N	SO	2–2 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-5	10/18/1993	N	SO	5–5 FT	--	--	--	0.91	--	<0 U	--	--	--	<0 U	--	<0 U
UC-5	10/18/1993	N	SO	6.5–6.5 FT	--	--	--	<0 U	--	2.3	--	--	--	<0 U	--	<0 U
UC-6	10/19/1993	N	SO	3.5–3.5 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
UC-6	10/19/1993	N	SO	6.5–6.5 FT	--	--	--	0.46	--	<0 U	--	--	--	2	--	<0 U
UC-6	10/19/1993	N	SO	8–8 FT	--	--	--	<0 U	--	<0 U	--	--	--	<0 U	--	<0 U
Powerhouse Area																
MW-8	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	06/17/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-1	10/01/1993	N	SO	3–3 FT	<0 U	<0 U	--	82	<0 U	<0 U	<0 U	<0 U	<0 U	32	86	--
PH-2	06/17/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-2	06/17/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-2	10/01/1993	N	SO	2–2 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-3	06/17/1993	N	SO	2–2 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-3	10/01/1993	N	SO	1.5–1.5 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-4	06/17/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-4	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-4	10/01/1993	N	SO	2–2 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-5	06/17/1993	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-5	06/17/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-5	10/01/1993	N	SO	2.5–2.5 FT	<0 U	<0 U	--	2.9	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	2.3	--
PH-6	06/17/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-6	10/01/1993	N	SO	3.5–3.5 FT	<0 U	<0 U	--	73	<0 U	<0 U	<0 U	<0 U	<0 U	100	87	--
PH-8	06/17/1993	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-8	06/17/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
PH-10	11/01/1993	N	SO	3.5–3.5 FT	<0 U	<0 U	--	<0 U	<0 U	0.57	<0 U	<0 U	<0 U	<0 U	0.33	--

Appendix I
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 Rayonier A.M. Properties, LLC
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					Chemical Cas No.	Aluminum 7429-90-5	Cadmium 7440-43-9	Chromium, hexavalent 18540-29-9	Chromium, total 7440-47-3	Copper 7440-50-8	Iron 7439-89-6	Lead 7439-92-1	Mercury 7439-97-6	Nickel 7440-02-0	Silver 7440-22-4	Zinc 7440-66-6	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	2000	2000	-
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	na	na	na	-	-	250	2	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					80000	80	240	120000	3200	56000	-	-	-	-	400	24000	-	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PH-11	11/01/1993	N	SO	1.5–1.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	23000	--
PH-11	11/01/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	29000	--
PH-12	11/01/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	91000	--
PH-13	11/01/1993	N	SO	3.8–3.8 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	250000	--
PH-14	11/01/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	900	--
PH-15	11/01/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	34	--
PH-15	11/01/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	11	--
PH-16	11/01/1993	N	SO	1–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--
PH-16	11/01/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	< 10 U	--
Wood Chip Storage Area																			
CS-1	06/22/1993	N	SO	4–4 FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-1	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-2	06/22/1993	N	SO	4–4 FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-2	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	20	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-3	06/22/1993	N	SO	4–4 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-3	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-4	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-5	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-5	06/22/1993	N	SO	6–6 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-6	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
CS-7	06/23/1993	N	SO	5–5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	14	--
CS-8	06/23/1993	N	SO	6–6 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
Warehouse Area																			
MW-5	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	24	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-1	06/22/1993	N	SO	3.5–3.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-1	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	19	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-2	06/22/1993	N	SO	3.5–3.5 FT	--	--	--	21	--	--	5.7	--	--	--	--	--	--	< 10 U	--
W-2	06/22/1993	N	SO	5–5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	3–3 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-3	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	3–3 FT	--	--	--	13	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-4	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	4–4 FT	--	--	--	20	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--

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					TPH as Gasoline Range Organics GRO mg/kg 100/30 ¹	TPH as Motor Oil Range Organics MRO mg/kg 2000	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg na	Benzene 71-43-2 mg/kg na	Toluene 108-88-3 mg/kg na	Ethylbenzene 100-41-4 mg/kg na	Xylenes 1330-20-7 mg/kg na	BTEX C-602X-T mg/kg -	Acenaphthene 83-32-9 mg/kg -	Anthracene 120-12-7 mg/kg 24000	Benzo[a] anthracene 56-55-3 mg/kg -	Benzo[a] pyrene 50-32-8 mg/kg na	Benzo[b] fluoranthene 205-99-2 mg/kg -
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	320	6400	8000	16000	-	4800	-	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	-	320	6400	8000	16000	-	4800	24000	-	24	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.5	18	-	-	-	-	-	-	-	0.19	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PH-11	11/01/1993	N	SO	1.5–1.5 FT	--	30000	--	<0.05 U	<0.05 U	<0.05 U	<0.1 U	--	<0 U	<0 U	<0 U	33	<0 U
PH-11	11/01/1993	N	SO	3.5–3.5 FT	--	29000	--	<0.05 U	<0.05 U	<0.05 U	<0.1 U	--	<0 U	<0 U	<0 U	<0 U	<0 U
PH-12	11/01/1993	N	SO	4–4 FT	--	21000	--	<0.05 U	0.26	0.32	2.7	--	<0 U	<0 U	<0 U	<0 U	<0 U
PH-13	11/01/1993	N	SO	3.8–3.8 FT	--	270000	--	0.22	1	1.6	15	--	<0 U	<0 U	350	230	<0 U
PH-14	11/01/1993	N	SO	4–4 FT	--	1600	--	<0.05 U	<0.05 U	<0.05 U	<0.1 U	--	<0 U	<0 U	<0 U	<0 U	0.84
PH-15	11/01/1993	N	SO	1–1 FT	--	120	--	<0.05 U	<0.05 U	<0.05 U	<0.1 U	--	<0 U	<0 U	<0 U	<0 U	<0 U
PH-15	11/01/1993	N	SO	3.5–3.5 FT	--	52	--	<0.05 U	<0.05 U	<0.05 U	<0.1 U	--	<0 U	<0 U	<0 U	<0 U	<0 U
PH-16	11/01/1993	N	SO	1–1 FT	--	42	--	<0.05 U	<0.05 U	<0.05 U	<0.1 U	--	<0 U	<0 U	<0 U	<0 U	<0 U
PH-16	11/01/1993	N	SO	3.5–3.5 FT	--	27	--	<0.05 U	<0.05 U	<0.05 U	<0.1 U	--	<0 U	<0 U	<0 U	<0 U	<0 U
Wood Chip Storage Area																	
CS-1	06/22/1993	N	SO	4–4 FT	--	32	--	--	--	--	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	5.5–5.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	4–4 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	5.5–5.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	4–4 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	5.5–5.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-4	06/22/1993	N	SO	5.5–5.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	4.5–4.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	6–6 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-6	06/23/1993	N	SO	4.5–4.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-7	06/23/1993	N	SO	5–5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
CS-8	06/23/1993	N	SO	6–6 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
Warehouse Area																	
MW-5	06/23/1993	N	SO	4.5–4.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	3.5–3.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	5.5–5.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	3.5–3.5 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	3–3 FT	--	< 25 U	< 0.17 U	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	3–3 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	4–4 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--

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 Rayonier A.M. Properties, LLC
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					Benzo[g,h,i] perylene 191-24-2 mg/kg	Benzo[k] fluoranthene 207-08-9 mg/kg	Bis(2-Ethylhexyl) Phthalate 117-81-7 mg/kg	Chrysene 218-01-9 mg/kg	Dibenz[a,h] anthracene 53-70-3 mg/kg	Fluoranthene 206-44-0 mg/kg	Fluorene 86-73-7 mg/kg	Indeno(1,2,3-C,D) Pyrene 193-39-5 mg/kg	Naphthalene 91-20-3 mg/kg	Phenanthrene 85-01-8 mg/kg	Pyrene 129-00-0 mg/kg	All other PAHs PAHs_other mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
PH-11	11/01/1993	N	SO	1.5–1.5 FT	20	<0 U	--	32	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	95	--
PH-11	11/01/1993	N	SO	3.5–3.5 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-12	11/01/1993	N	SO	4–4 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-13	11/01/1993	N	SO	3.8–3.8 FT	140	<0 U	--	370	<0 U	140	170	<0 U	<0 U	990	740	--
PH-14	11/01/1993	N	SO	4–4 FT	<0 U	<0 U	--	3.1	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-15	11/01/1993	N	SO	1–1 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-15	11/01/1993	N	SO	3.5–3.5 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-16	11/01/1993	N	SO	1–1 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
PH-16	11/01/1993	N	SO	3.5–3.5 FT	<0 U	<0 U	--	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	<0 U	--
Wood Chip Storage Area																
CS-1	06/22/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-1	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-2	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-3	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-4	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-5	06/22/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-6	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-7	06/23/1993	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--
CS-8	06/23/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--
Warehouse Area																
MW-5	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-1	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-2	06/22/1993	N	SO	5–5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-3	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-4	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-5	06/22/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--

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					Chemical Cas No.	Aluminum 7429-90-5	Cadmium 7440-43-9	Chromium, hexavalent 18540-29-9	Chromium, total 7440-47-3	Copper 7440-50-8	Iron 7439-89-6	Lead 7439-92-1	Mercury 7439-97-6	Nickel 7440-02-0	Silver 7440-22-4	Zinc 7440-66-6	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	2000	2000	-
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	na	na	na	-	-	250	2	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					80000	80	240	120000	3200	56000	-	-	-	-	400	24000	-	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
W-5	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	3–3 FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-6	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-7	06/22/1993	N	SO	3–3 FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-7	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	17	--	--	< 5 U	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	4–4 FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-8	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	62	--	--	< 5 U	--	--	--	--	--	--	--	--
W-9	06/23/1993	N	SO	3–3 FT	--	--	--	21	--	--	< 5 U	--	--	--	--	--	--	< 10 U	--
W-9	08/02/1995	N	SO	5.7–5.7 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hog Fuel Storage Area																			
HF-1	06/23/1993	N	SO	3.5–3.5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-1	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	33	--	--	7.9	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	4–4 FT	--	--	--	22	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	23	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	4–4 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-4	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	26	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-5	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	59	--	--	150	--	--	--	--	--	--	--	--
HF-6	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	7.3	--	--	6.5	--	--	--	--	--	--	--	--
HF-7	06/23/1993	N	SO	6.5–6.5 FT	--	--	--	16	--	--	64	--	--	--	--	--	--	--	--
HF-8	06/23/1993	N	SO	4–4 FT	--	--	--	7.6	--	--	15	--	--	--	--	--	--	--	--
HF-9	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	56	--	--	140	--	--	--	--	--	--	--	--
HF-10	06/23/1993	N	SO	6–6 FT	--	--	--	50	--	--	78	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	3–3 FT	--	--	--	4.4	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	30	--	--	21	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	6–6 FT	--	--	--	140	--	--	150	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	23	--	--	7	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	6–6 FT	--	--	--	18	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	4–4 FT	--	--	--	27	--	--	34	--	--	--	--	--	< 100 U	--	--
HF-14	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	54	--	--	< 5 U	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	4–4 FT	--	--	--	15	--	--	< 5 U	--	--	--	--	--	< 100 U	--	--
HF-15	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	16	--	--	< 5 U	--	--	--	--	--	< 100 U	--	--
HF-16	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	19	--	--	< 5 U	--	--	--	--	--	--	--	--

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 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					TPH as Gasoline Range Organics GRO mg/kg 100/30 ¹	TPH as Motor Oil Range Organics MRO mg/kg 2000	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg na	Benzene 71-43-2 mg/kg na	Toluene 108-88-3 mg/kg na	Ethylbenzene 100-41-4 mg/kg na	Xylenes 1330-20-7 mg/kg na	BTEX C-602X-T mg/kg -	Acenaphthene 83-32-9 mg/kg -	Anthracene 120-12-7 mg/kg 24000	Benzo[a] anthracene 56-55-3 mg/kg -	Benzo[a] pyrene 50-32-8 mg/kg 24	Benzo[b] fluoranthene 205-99-2 mg/kg -
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
W-5	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	3–3 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	4.5–4.5 FT	--	< 25 U	< 0.17 U	--	--	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	3–3 FT	--	< 25 U	--	--	--	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	4–4 FT	--	< 25 U	< 0.17 U	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
W-9	06/23/1993	N	SO	3–3 FT	--	< 25 U	< 0.17 U	--	--	--	--	--	--	--	--	--	--
W-9	08/02/1995	N	SO	5.7–5.7 FT	--	25000	--	--	--	--	--	--	--	--	--	--	--
Hog Fuel Storage Area																	
HF-1	06/23/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-1	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-4	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-5	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-6	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-7	06/23/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-8	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-9	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-10	06/23/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--
HF-16	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix I
 Post-Interim Action Soil Data Screening – Unrestricted
 Former Grays Harbor Pulp and Paper Mill
 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Benzo[g,h,i] perylene	Benzo[k] fluoranthene	Bis(2-Ethylhexyl) Phthalate	Chrysene	Dibenz[a,h] anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D) Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs PAHs_other
					191-24-2	207-08-9	117-81-7	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
W-5	06/22/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-6	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-7	06/22/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-8	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-9	06/23/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
W-9	08/02/1995	N	SO	5.7–5.7 FT	--	--	--	--	--	--	--	--	--	--	--	--
Hog Fuel Storage Area																
HF-1	06/23/1993	N	SO	3.5–3.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-1	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-2	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-3	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-4	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-5	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-6	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-7	06/23/1993	N	SO	6.5–6.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-8	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-9	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-10	06/23/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	3–3 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-12	06/23/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	4.5–4.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-13	06/23/1993	N	SO	6–6 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-14	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	4–4 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-15	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
HF-16	06/23/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--

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 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No.	Aluminum 7429-90-5	Cadmium 7440-43-9	Chromium, hexavalent 18540-29-9	Chromium, total 7440-47-3	Copper 7440-50-8	Iron 7439-89-6	Lead 7439-92-1	Mercury 7439-97-6	Nickel 7440-02-0	Silver 7440-22-4	Zinc 7440-66-6	Total Petroleum Hydrocarbons TPH mg/kg	TPH as Diesel Range Organics DRO mg/kg	Extended Diesel Range Organics EXT-DRO mg/kg
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	2000	2000	-
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	na	na	na	-	-	250	2	-	-	-	-	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					80000	80	240	120000	3200	56000	-	-	-	-	400	24000	-	-	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	0.38	-	-	-	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Shoreline Area																			
MW-2	06/17/1993	N	SO	10.5–10.5 FT	--	--	--	20	--	--	--	--	--	--	--	--	--	17	--
MW-2	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	23	--	--	--	--	--	--	--	--	--	120	--
Rennie Island																			
RS-1	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	10	--	--	--	--	--	--	--	--	--	--	--
RS-2	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	15	--	--	--	--	--	--	--	--	--	--	--
RS-3	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	11	--	--	--	--	--	--	--	--	--	--	--
RS-4	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	7.2	--	--	--	--	--	--	--	--	--	--	--
RS-5	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	23	--	--	--	--	--	--	--	--	--	--	--
RS-6	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	31	--	--	--	--	--	--	--	--	--	--	--
RW-1	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	18	--	--	--	--	--	--	--	--	--	--	--
RW-2	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	14	--	--	--	--	--	--	--	--	--	--	--
RW-3	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	23	--	--	--	--	--	--	--	--	--	--	--
RW-4	08/25/1992	N	SO	0–1 FT	--	--	< 0.05 U	12	--	--	--	--	--	--	--	--	--	--	--

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 Post-Interim Action Soil Data Screening – Unrestricted
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 Data Summary Report
 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Chemical Cas No. Unit	TPH as Gasoline Range Organics GRO mg/kg	TPH as Motor Oil Range Organics MRO mg/kg	Polychlorinated Biphenyl (PCBs) 1336-36-3 mg/kg	Benzene 71-43-2 mg/kg	Toluene 108-88-3 mg/kg	Ethylbenzene 100-41-4 mg/kg	Xylenes 1330-20-7 mg/kg	BTEX C-602X-T mg/kg	Acenaphthene 83-32-9 mg/kg	Anthracene 120-12-7 mg/kg	Benzo[a] anthracene 56-55-3 mg/kg	Benzo[a] pyrene 50-32-8 mg/kg	Benzo[b] fluoranthene 205-99-2 mg/kg
					July 2024 MTCA Method A Unrestricted Land Use Cleanup Level	100/30 ¹	2000	na	na	na	na	na	-	-	-	-	na	-
					July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level	-	-	-	320	6400	8000	16000	-	4800	24000	-	24	-
					July 2024 MTCA Method B Cancer Unrestricted Cleanup Level	-	-	0.5	18	-	-	-	-	-	-	-	0.19	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Shoreline Area																		
MW-2	06/17/1993	N	SO	10.5–10.5 FT	--	60	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/17/1993	N	SO	5.5–5.5 FT	--	140	--	--	--	--	--	--	--	--	--	--	--	--
Rennie Island																		
RS-1	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-2	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-3	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-4	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-5	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RS-6	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-4	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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 Post-Interim Action Soil Data Screening – Unrestricted
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 Rayonier A.M. Properties, LLC
 Hoquiam, Washington

					Benzo[g,h,i] perylene	Benzo[k] fluoranthene	Bis(2-Ethylhexyl) Phthalate	Chrysene	Dibenz[a,h] anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-C,D) Pyrene	Naphthalene	Phenanthrene	Pyrene	All other PAHs PAHs_other
					191-24-2	207-08-9	117-81-7	218-01-9	53-70-3	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0	
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
July 2024 MTCA Method A Unrestricted Land Use Cleanup Level					-	-	-	-	-	-	-	-	na	-	-	-
July 2024 MTCA Method B Noncancer Unrestricted Cleanup Level					-	-	1600	-	-	3200	3200	-	1600	-	2400	-
July 2024 MTCA Method B Cancer Unrestricted Cleanup Level					-	-	71	-	-	-	-	-	-	-	-	-
Location	Date	Sample Type	Matrix	Depth	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Shoreline Area																
MW-2	06/17/1993	N	SO	10.5–10.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	06/17/1993	N	SO	5.5–5.5 FT	--	--	--	--	--	--	--	--	--	--	--	--
Rennie Island																
RS-1	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-2	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-3	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-4	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-5	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RS-6	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--
RW-4	08/25/1992	N	SO	0–1 FT	--	--	--	--	--	--	--	--	--	--	--	--

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Post-Interim Action Soil Data Screening – Unrestricted
Former Grays Harbor Pulp and Paper Mill
Data Summary Report
Rayonier A.M. Properties, LLC
Hoquiam, Washington

Notes:

This table includes all past soil data remaining after interim actions were completed.

¹ Cleanup level with "No detectable benzene/benzene present"

Bolded values exceed the July 2024 MTCA Method A or Method B Noncancer Unrestricted Cleanup Level (Method A applies where a Method B cleanup level is not calculated).

Underlined values exceed the July 2024 MTCA Method B Cancer Unrestricted Cleanup Level.

- = cleanup level not calculated

-- = constituent not analyzed for

BTEX = benzene, toluene, ethylbenzene, and xylenes

FT = foot/feet

mg/kg = milligram per kilogram

MTCA = Model Toxics Control Act

N = normal

na = cleanup level not applicable

PAH = polycyclic aromatic hydrocarbon

SO = soil

T = total

TPH = total petroleum hydrocarbons

U = indicates the analyte was analyzed for but not detected



Appendix J No Further Action Letters

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

October 14, 1996

Mr. Tom Sauer
International Paper
International Place I
6400 Poplar Avenue
Memphis, TN 38197

RE: Grays Harbor Mill Site - Paper Machine Area

Dear Mr. Sauer:

Thank you for submitting the results of your independent remedial action for Department of Ecology (Ecology) review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act (MTCRA), Chapter 70.105D RCW.

The Washington State Department of Ecology's Industrial Section has reviewed the following information regarding the Grays Harbor Mill Site - Paper Machine Area that was formerly part of the Rayonier/International Paper Sulfite Pulp Mill Facility located at 803 23rd Street, Hoquiam, Washington:

1. Independent remedial action report
2. Documents submitted:
 - Leroy Ho letter dated April 23, 1996
 - Request for Review/Independent Remedial Action Report
 - Independent Remedial Action Report Summary
 - Independent remedial Action Report Detail
 - General Map of Mill Site
 - Detailed Map of Mill Site
 - Map of Initial Contamination
 - Map of Final Contamination Above Cleanup Standards
 - 8/30/93 Report by Pacific Environmental Group on the Sample Results
 - 3/1/96 Report by Pacific Environmental Group on the Excavation Activity

3/12/96 Report by EMS Inc. on the Concrete Cleaning
Activity

The above-named reports were prepared without Ecology oversight such as would occur under an Agreed Order or Consent Decree. However, based upon the information summarized in these reports and a site visit, Ecology has determined that, at this time, the site no longer poses a threat to human health or the environment.

This no further action determination is conditioned on your recording of a Restrictive Covenant on the property deed at the Grays Harbor County records office no later than December 31, 1996. Jack Anderson, Rayonier, Inc., can provide further details as necessary. Recording the Restrictive Covenant on the deed for your property is a condition to maintain Ecology's no further action determination. Also, failure to abide by any portion(s) of the Restrictive Covenant may result in Ecology's withdrawal of its no further action determination. In addition, this no further action determination does not apply to any remedial actions determined necessary as a result of confirmational monitoring.

Therefore, Ecology is issuing this determination that no further action is necessary at this site under the Model Toxics Control Act (MTCA), Ch. 70.105D RCW. However, please note that because your actions were not conducted under a consent decree with Ecology, this letter is not a settlement by the state under RCW 70.105D.040(4). Although Ecology is issuing the determination that no further action appears to be necessary to protect human health and the environment, this determination does not release you from any maintenance at the site. Failure to conduct necessary maintenance may result in Ecology's withdrawal of this no further action determination.

This determination is made only with respect to the release identified in the independent remedial action report. This no further action determination applies only to the area of the property affected by the release identified in the report at the Paper Machine Area. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by Rayonier/International Paper. [This no further action determination does not apply to remedial actions determined necessary as a result of confirmational monitoring.]

Ecology does not assume any liability for any release, threatened release or other conditions at the site, or for any actions taken or omitted by any person or his/her agents or employees with regard to the release, threatened release, or other conditions at the site. Ecology reserves the right to require further action at the site with regard to the soil or other contaminated media

if new or different information other than that presented in the above reports becomes known or available.

Ecology will update its database to reflect this "No Further Action" determination. Your site will not appear in future publications of the Confirmed & Suspected Contaminated Sites Report (previously known as the Affected Media And Contaminants Report).

If you have any questions, please call me at (360) 407-6934.

Sincerely,

Marc E Crooks

Marc E. Crooks, P.E.
Pulp and Paper Mill Specialist
Industrial Section

cc: Paul Skyllingstad, Ecology
Mike Palko, Ecology
Jack Anderson, Rayonier



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

October 21, 1996

Mr. Jack A. Anderson
Rayonier, Inc.
409 East Harvard Avenue
Shelton, WA 98584-3771

RE: Grays Harbor Mill Site - Boneyard Area at Grays Harbor Mill Site

Dear Mr. Anderson:

Thank you for submitting the results of your independent remedial action for Ecology's review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act.

The Washington State Department of Ecology's Industrial Section has reviewed the following information regarding the Grays Harbor Mill Site - Boneyard Area that was formerly part of the Rayonier Sulfite Pulp Mill Facility located at 803 23rd Street, Hoquiam, Washington:

1. Independent remedial action report dated January 9, 1995.

2. Documents submitted:

Jack Anderson letter dated January 9, 1995.

Request for Review/Independent Remedial Action Report

Independent Remedial Action Report Summary

Independent remedial Action Report Detail

General Map of Mill Site

Areas Exceeding Cleanup Standards

Estimated Costs for Remediation Options

Estimate of Capping by Berglund, Schmidt & Assoc., Inc.

Drawing of Proposed Capping Plan

September 1993 Boneyard Assessment Report by Pacific Environmental Group



No Further Action Letter
October 21, 1996
Page 2

June 1994 Boneyard Assessment Report by Pacific Environmental Group

September 1994 Groundwater Monitoring Report for 2nd Quarter

November 2, 1994 Report on Excavation of Soil Near BY-16

November 9, 1994 Soil Assessment Report Near BY-3

January 1995 Groundwater Monitoring Report for 3rd and 4th Quarter of 1994

The above-named reports were prepared without Ecology oversight such as would occur under an Agreed Order or Consent Decree. However, based upon the information summarized in these reports and a site visit; Ecology has determined that, at this time, the site no longer poses a threat to human health or the environment.

This no further action determination is conditioned on your recording of a Restrictive Covenant on the property deed at the Grays Harbor County records office no later than December 31, 1996. Recording the Restrictive Covenant on the deed for your property is a condition to maintain Ecology's no further action determination. Also, failure to abide by any portion(s) of the Restrictive Covenant may result in Ecology's withdrawal of its no further action determination. In addition, this no further action determination does not apply to any remedial actions determined necessary as a result of confirmational monitoring.

Therefore, Ecology is issuing this determination that no further action is necessary at this site under the Model Toxics Control Act (MTCA), Ch. 70.105D RCW. However, please note that because your actions were not conducted under a consent decree with Ecology, this letter is not a settlement by the state under RCW 70.105D.040(4). Although Ecology is issuing the determination that no further action appears to be necessary to protect human health and the environment, this determination does not release you from any maintenance at the site. Failure to conduct necessary maintenance may result in Ecology's withdrawal of this no further action determination.

This determination is made only with respect to the release identified in the independent remedial action report. This no further action determination applies only to the area of the property affected by the release identified in the report at the Boneyard Area. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by Rayonier. [This no further action determination does not apply to remedial actions determined necessary as a result of confirmational monitoring.]

No Further Action Letter

October 21, 1996

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Ecology does not assume any liability for any release, threatened release or other conditions at the site, or for any actions taken or omitted by any person or his/her agents or employees with regard to the release, threatened release, or other conditions at the site. Ecology reserves the right to require further action at the site with regard to the soil or other contaminated media if new or different information other than that presented in the above reports becomes known or available.

Ecology will update its database to reflect this "No Further Action" determination. Your site will not appear in future publications of the Confirmed & Suspected Contaminated Sites Report (previously known as the Affected Media And Contaminants Report).

If you have any questions, please call me at (360) 407-6934.

Sincerely,

Marc E Crooks

Marc E. Crooks, P.E.
Pulp and Paper Mill Specialist
Industrial Section

cc: Paul Skillingstad, Ecology
Mike Palko, Ecology



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

October 31, 1996

Mr. Jack A. Anderson
Rayonier, Inc.
409 East Harvard Avenue
Shelton, WA 98584-3771

RE: Grays Harbor Mill Site - Finishing Area

Dear Mr. Anderson:

Thank you for submitting the results of your independent remedial action for Ecology's review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act.

The Washington State Department of Ecology's Industrial Section has reviewed the following information regarding the Grays Harbor Mill Site - Finishing Area that was formerly part of the Rayonier Sulfite Pulp Mill Facility located at 803 23rd Street, Hoquiam, Washington:

1. Independent remedial action report dated February 1, 1996.

2. Documents submitted:

Jack Anderson letter dated February 1, 1996.

Request for Review/Independent Remedial Action Report

Independent Remedial Action Report Summary

Independent remedial Action Report Detail

General Map of Mill Site

Detailed Site Map

4/1/94 Discussion of Situation by Pacific Environmental

9/22/95 Report by Pacific Environmental

The above-named reports were prepared without Ecology oversight such as would occur under an Agreed Order or Consent Decree. However, based upon the above listed information, and a site visit, Ecology has determined that, at this time, the site no longer poses a threat to human health or the environment.



No Further Action Letter

October 31, 1996

Page 2

This no further action determination is conditioned on your recording of a Restrictive Covenant on the property deed at the Grays Harbor County records office no later than December 31, 1996. Recording the Restrictive covenant on the deed for your property is a condition to maintain Ecology's no further action determination. Also, failure to abide by any portion(s) of the Restrictive Covenant may result in Ecology's withdrawal of its no further action determination. In addition, this no further action determination does not apply to any remedial actions determined necessary as a result of confirmational monitoring.

Therefore, Ecology is issuing this determination that no further action is necessary at this site under the Model Toxics Control Act (MTCA), Ch. 70.105D RCW. However, please note that because your actions were not conducted under a consent decree with Ecology, this letter is not a settlement by the state under RCW 70.105D.040(4). Although Ecology is issuing the determination that no further action appears to be necessary to protect human health and the environment, this determination does not release you from any maintenance at the site. Failure to conduct necessary maintenance may result in Ecology's withdrawal of this no further action determination.

This determination is made only with respect to the release identified in the independent remedial action report. This no further action determination applies only to the area of the property affected by the release identified in the report at the Finishing Area. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by Rayonier. [This no further action determination does not apply to remedial actions determined necessary as a result of confirmational monitoring.]

Ecology does not assume any liability for any release, threatened release or other conditions at the site, or for any actions taken or omitted by any person or his/her agents or employees with regard to the release, threatened release, or other conditions at the site. Ecology reserves the right to require further action at the site with regard to the soil or other contaminated media if new or different information other than that presented in the above reports becomes known or available.

Ecology will update its database to reflect this "No Further Action" determination. Your site will not appear in future publications of the Confirmed & Suspected Contaminated Sites Report (previously known as the Affected Media And Contaminants Report).

If you have any questions, please call me at (360) 407-6934.

Sincerely,



Marc E. Crooks, P.E.
Pulp and Paper Mill Specialist

cc: Paul Skillingstad, Ecology
Mike Palko, Ecology



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. BOX 47600 • Olympia, Washington 98504-7600 • (206) 459-6000

December 15, 1993

Mr. Jack A. Anderson
 ITT Rayonier Inc.
 Research Center
 409 East Harvard Ave.
 Shelton, WA 98584

Post-It™ brand fax transmittal memo 7671		# of pages	2
To	Jack Anderson	From	P. Skyring
Co.	ITT Shelton	Co.	WOOE
Dept.		Phone #	407-6949
Fax #	426-7537	Fax #	

Dear Mr. Anderson:

Thank you for submitting the results of your independent remedial action for Ecology's review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act.

The Washington State Department of Ecology's Industrial Section has reviewed the following information regarding the silvichemical site located within the ITT Rayonier Grays Harbor Division pulp mill property at 22nd St. and Railroad Ave Hoquiam, Washington:

1. Independent Remedial Action Report submitted December 6, 1993.
2. Several Environmental Site Assessments by Pacific Environmental Group, Inc. received February 4, 1993.
3. Calculation of Cleanup Standards, Grays Harbor Pulp Facility, Hoquiam, Washington, received February 4, 1993.

Based upon the above listed information Ecology has determined that, at this time, the site does not pose a threat to human health or the environment as a result of the release addressed in the independent remedial action report.

Therefore, Ecology is issuing this determination that no further action is necessary at this site under the Model Toxics Control Act (MTCA), Ch. 70.105D RCW. However, please note that because your actions were not conducted under a consent decree with Ecology, this letter is not a settlement by the state under RCW 70.105D.040(4).

This determination is made only with respect to the release identified in the independent remedial action report dated December 6, 1993 and with the exception of your compliance with the following actions:

1. Deed restriction of removal of ground water beneath the facility for drinking water purposes.
2. Notification of the Department of Ecology of further changes of ownership of the Silvichemical section of the property.

The deed restriction is required at the site because levels of chromium VI found in the upper aquifer are unknown at this time and could exceed both the Method A and Method B cleanup standards found in WAC 173-340-720. Data has been submitted for total chromium but not chromium VI and III. The deed restriction may not be required; if further data is available from monitoring wells MW-1, MW-6, and MW-7 concerning levels of chromium VI beneath the site

and the levels are found to be below cleanup standards. If this data is available please submit it to the Department for review.

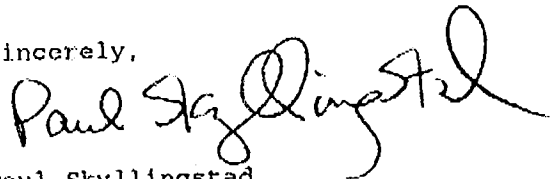
This no further action determination applies only to the area of the property affected by the release identified in the report of December 6, 1993. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by ITT Rayonier, Grays Harbor Division.

Ecology does not assume any liability for any release, threatened release or other conditions at the site, or for any actions taken or omitted by any person or his/her agents or employees with regard to the release, threatened release, or other conditions at the site.

Ecology will update its database to reflect this "No Further Action" determination. Your site will not appear in future publications of the Confirmed & Suspected Contaminated Sites Report (previously know as the Affected Media And Contaminants Report.)

If you have any questions, please contact Paul Skyllingstad of the Industrial Section at 407-6949.

Sincerely,



Paul Skyllingstad
Industrial Section

pes:



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

October 23, 1996

Mr. Jack A. Anderson
Rayonier, Inc.
409 East Harvard Avenue
Shelton, WA 98584-3771

RE: Grays Harbor Mill Site - Log Yard

Dear Mr. Anderson:

Thank you for submitting the results of your independent remedial action for Ecology's review. Ecology appreciates your initiative in pursuing this administrative option under the Model Toxics Control Act.

The Washington State Department of Ecology's Industrial Section has reviewed the following information regarding the Grays Harbor Mill Site - Log Yard Area that was formerly part of the Rayonier Sulfite Pulp Mill Facility located at 803 23rd Street, Hoquiam, Washington:

1. Independent remedial action report dated December 11, 1995.
2. Documents submitted:

Jack Anderson letter dated December 11, 1995.

Request for Review/Independent Remedial Action Report

Independent Remedial Action Report Summary

Sampling reports by Pacific Environmental Group on the Site
Sampling Results dated November 4, 1994; November 7, 1994;
February 7, 1995; and May 24, 1996.

Dr. James E. Bruya's letter dated November 23, 1994.

The above-named reports were prepared without Ecology oversight such as would occur under an Agreed Order or Consent Decree. However, based upon the information summarized in these reports, and site visits, Ecology has determined that, at this time, the site no longer poses a threat to human health or the environment.

This no further action determination is conditioned on your recording of a Restrictive Covenant on the property deed at the Grays Harbor County records office no later than December 31, 1996. Recording the Restrictive Covenant on the deed for your property is a condition to maintain Ecology's



No Further Action Letter
October 23, 1996
Page 2

no further action determination. Also, failure to abide by any portion(s) of the Restrictive Covenant may result in Ecology's withdrawal of its no further action determination. In addition, this no further action determination does not apply to any remedial actions determined necessary as a result of confirmational monitoring.

Therefore, Ecology is issuing this determination that no further action is necessary at this site under the Model Toxics Control Act (MTCA), Ch. 70.105D RCW. However, please note that because your actions were not conducted under a consent decree with Ecology, this letter is not a settlement by the state under RCW 70.105D.040(4). Although Ecology is issuing the determination that no further action appears to be necessary to protect human health and the environment, this determination does not release you from any maintenance at the site. Failure to conduct necessary maintenance may result in Ecology's withdrawal of this no further action determination.

This determination is made only with respect to the release identified in the independent remedial action report. This no further action determination applies only to the area of the property affected by the release identified in the report at the Log Yard Area. It does not apply to any other release or potential release at the property, any other areas on the property, nor any other properties owned or operated by Rayonier. [This no further action determination does not apply to remedial actions determined necessary as a result of confirmational monitoring.]

Ecology does not assume any liability for any release, threatened release or other conditions at the site, or for any actions taken or omitted by any person or his/her agents or employees with regard to the release, threatened release, or other conditions at the site. Ecology reserves the right to require further action at the site with regard to the soil or other contaminated media if new or different information other than that presented in the above reports becomes known or available.

Ecology will update its database to reflect this "No Further Action" determination. Your site will not appear in future publications of the Confirmed & Suspected Contaminated Sites Report (previously known as the Affected Media And Contaminants Report). If you have any questions, please call me at (360) 407-6934.

Sincerely,



Marc E. Crooks, P.E.
Pulp and Paper Mill Specialist
Industrial Section

cc: Paul Skillingstad, Ecology
Mike Palko, Ecology