



Washington Department of Ecology

Port Angeles Rayonier Mill Cleanup

Public Meeting & Open House Event

July 8, 2025 | 5:00-8:00 PM

Event Posters

Welcome to the Port Angeles Rayonier Mill Public Meeting & Open House

Schedule of Events

5:00-6:00 Open House

6:00-7:15 Presentation and Q&A

7:15-8:00 Open House

Public Comment Period

Comments accepted until August 12, 11:59 PM

Submit comments online:

go.ecology.wa.gov/comment2270



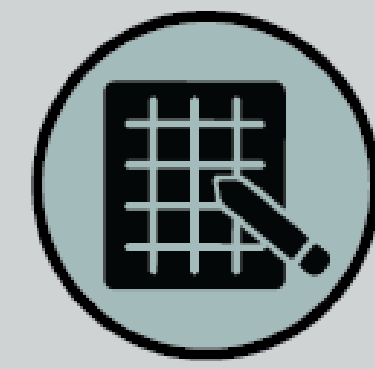
Ecology's
Rayonier Mill Webpage



Submit your
comments online

Port Angeles Cleanup Sites

These are the 8 cleanup sites that are being overseen by Ecology's Toxics Cleanup Program



Western Port Angeles Harbor



Terminals 5 6 & 7

Marine Trades Area

Unocal Bulk Plant 0601



K Ply

Pettit Oil Company Tumwater Truck Route and Former Shell Oil Bulk Plant



Rayonier Mill

Public input opportunity



Proposed Groundwater Cleanup

Ecology is proposing a method called **air sparging** to address contamination in groundwater. This process uses special wells, called **remediation wells**, to pump compressed air deep into the ground. The vertical remediation wells are connected to above-ground machines that pump the air down.

The pumped air raises oxygen levels in the groundwater. As the air bubbles rise toward the surface, they help naturally occurring bacteria break down harmful chemicals. The extra oxygen also helps reduce other contaminants, like manganese and ammonia, by changing them into less harmful forms. When manganese changes form, it can also trap other metals, helping to clean the groundwater even further.

Figure 1:
Overview of proposed groundwater cleanup plans.

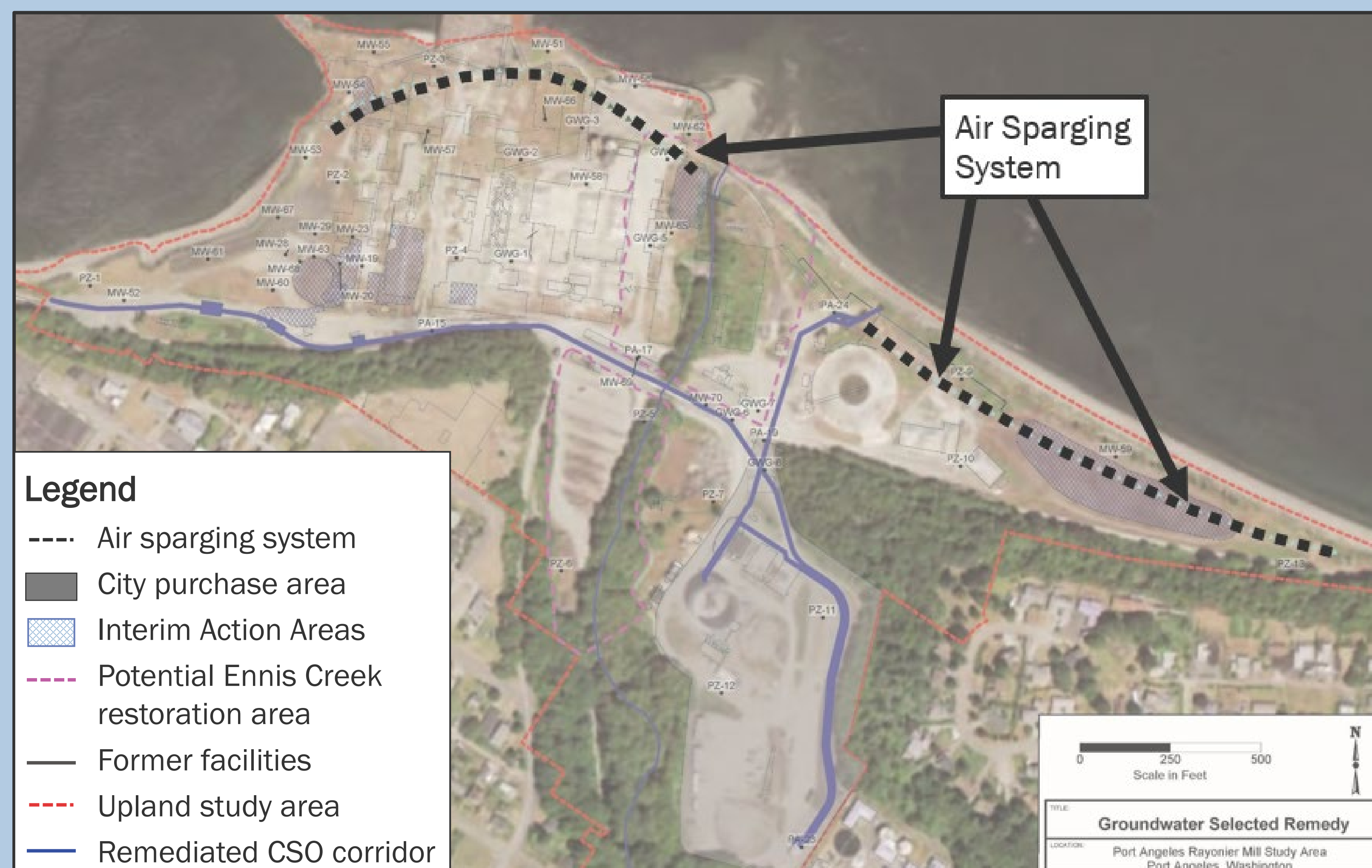
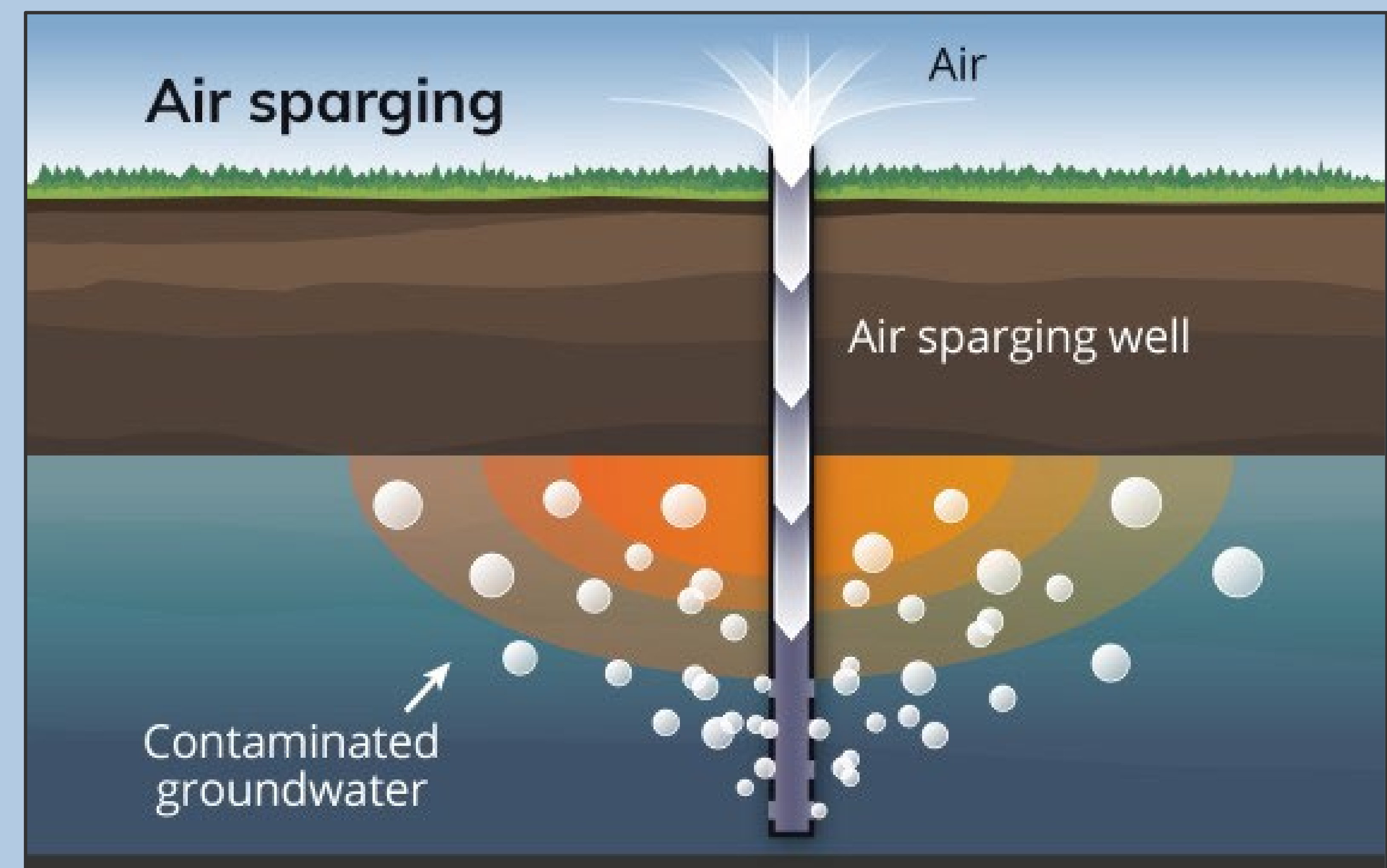


Figure 2:
Graphic illustrating how air sparging works.



Historic Photos of the Mill



The Puget Sound Co-operative
Colony Mill, 1887



The Puget Sound Co-operative
Colony Mill, 1887



Rayonier Mill in operation, 1959



Rayonier Mill in operation, 1994



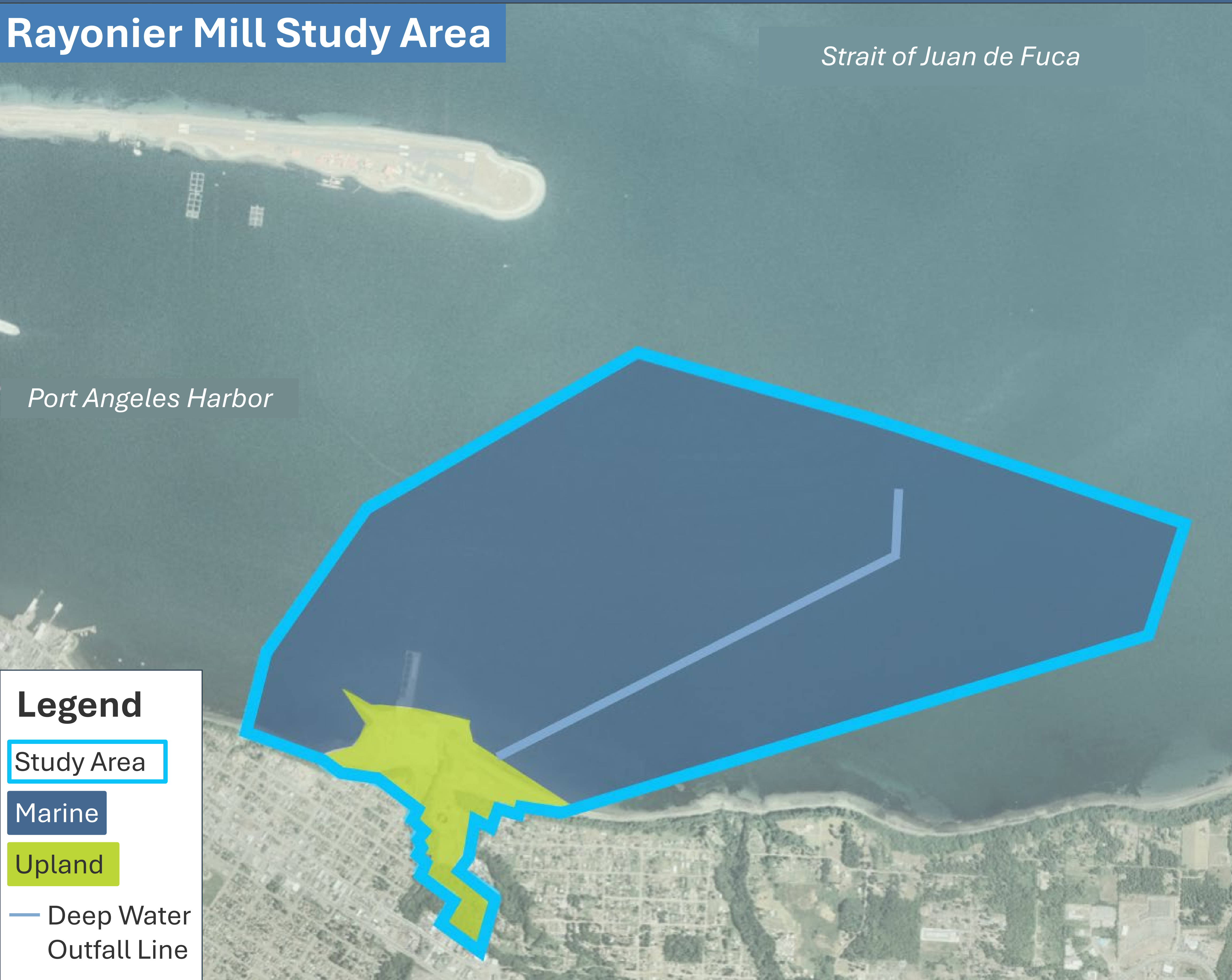
Dismantled mill site, 2006



Removal of dock concrete panels, 2020

Rayonier Mill Study Area & Port Angeles Harbor Cleanup

Rayonier Mill Study Area



Contamination History

Figure 1: Sources of contamination.

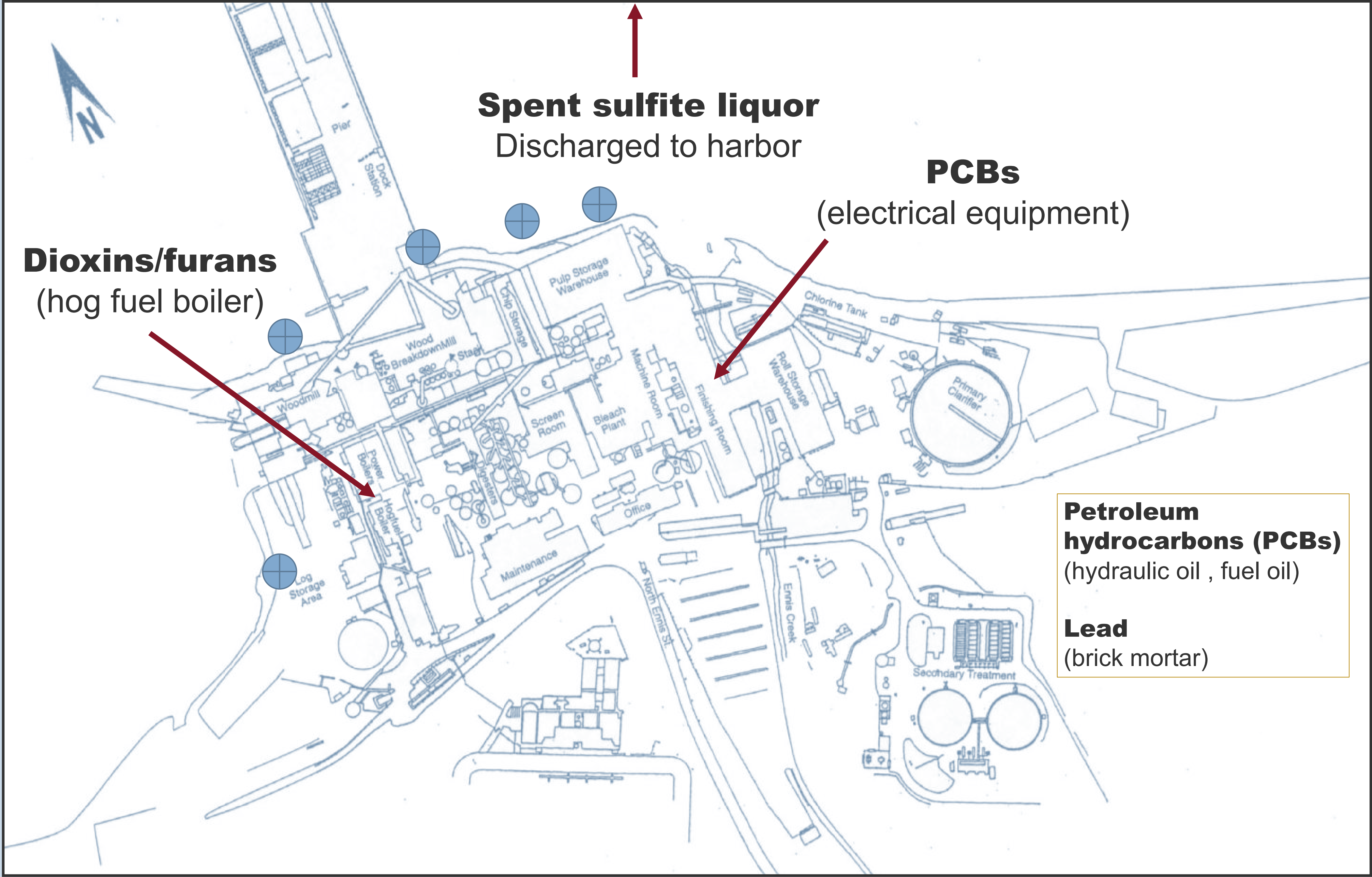
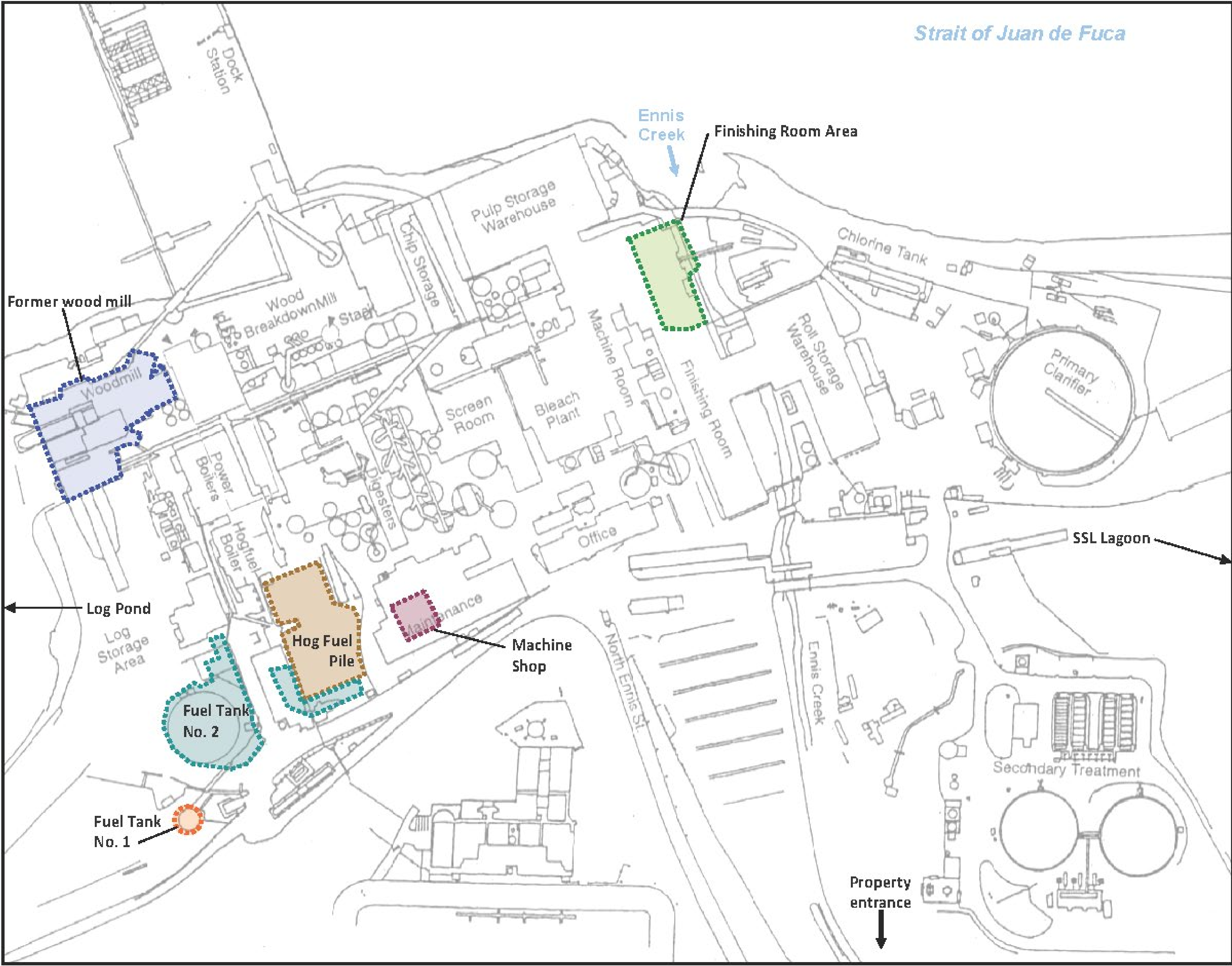
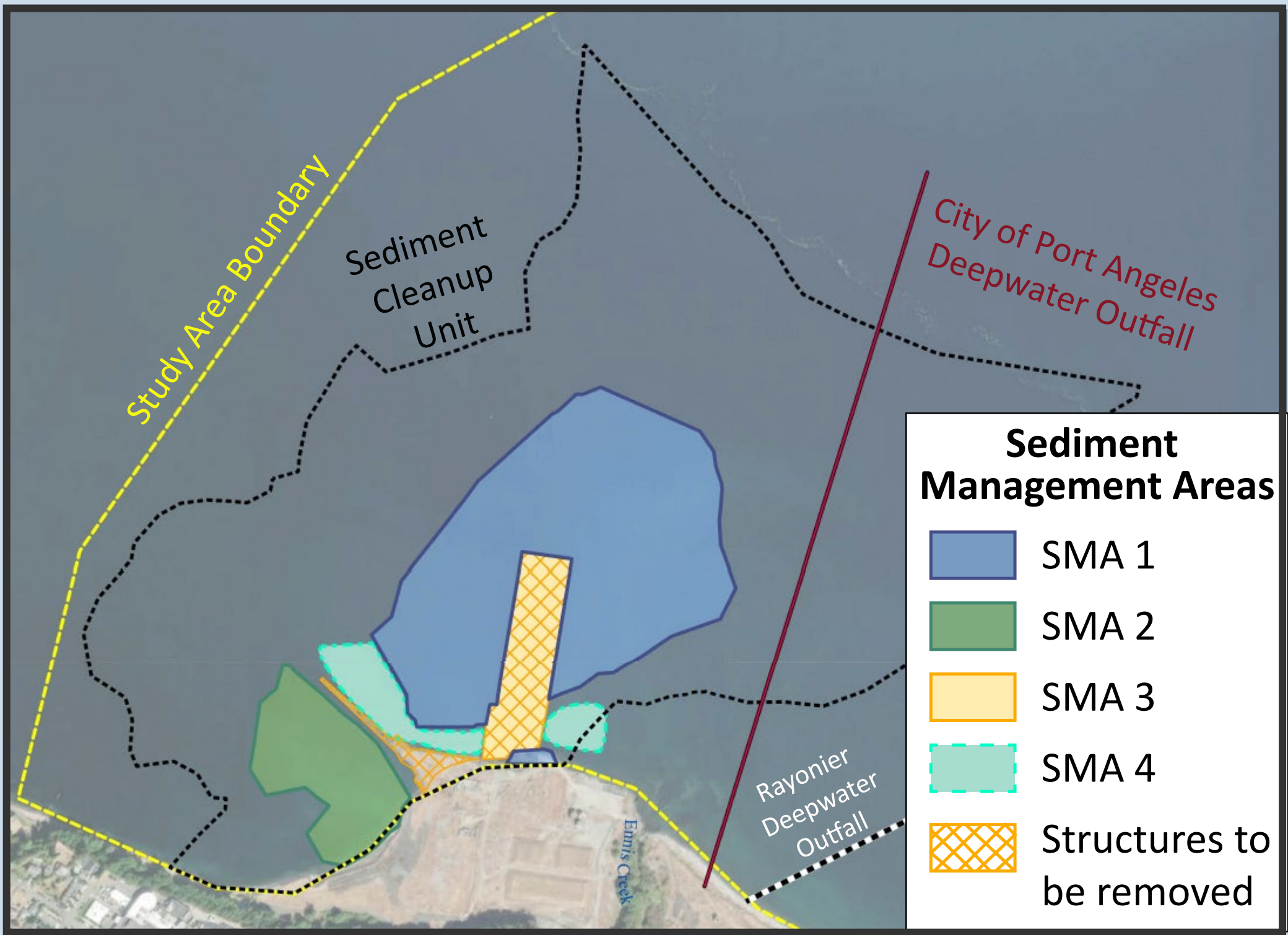


Figure 2: Previous interim action areas.



Proposed Marine Sediment Cleanup

Figure 1: Sediment Management Areas.

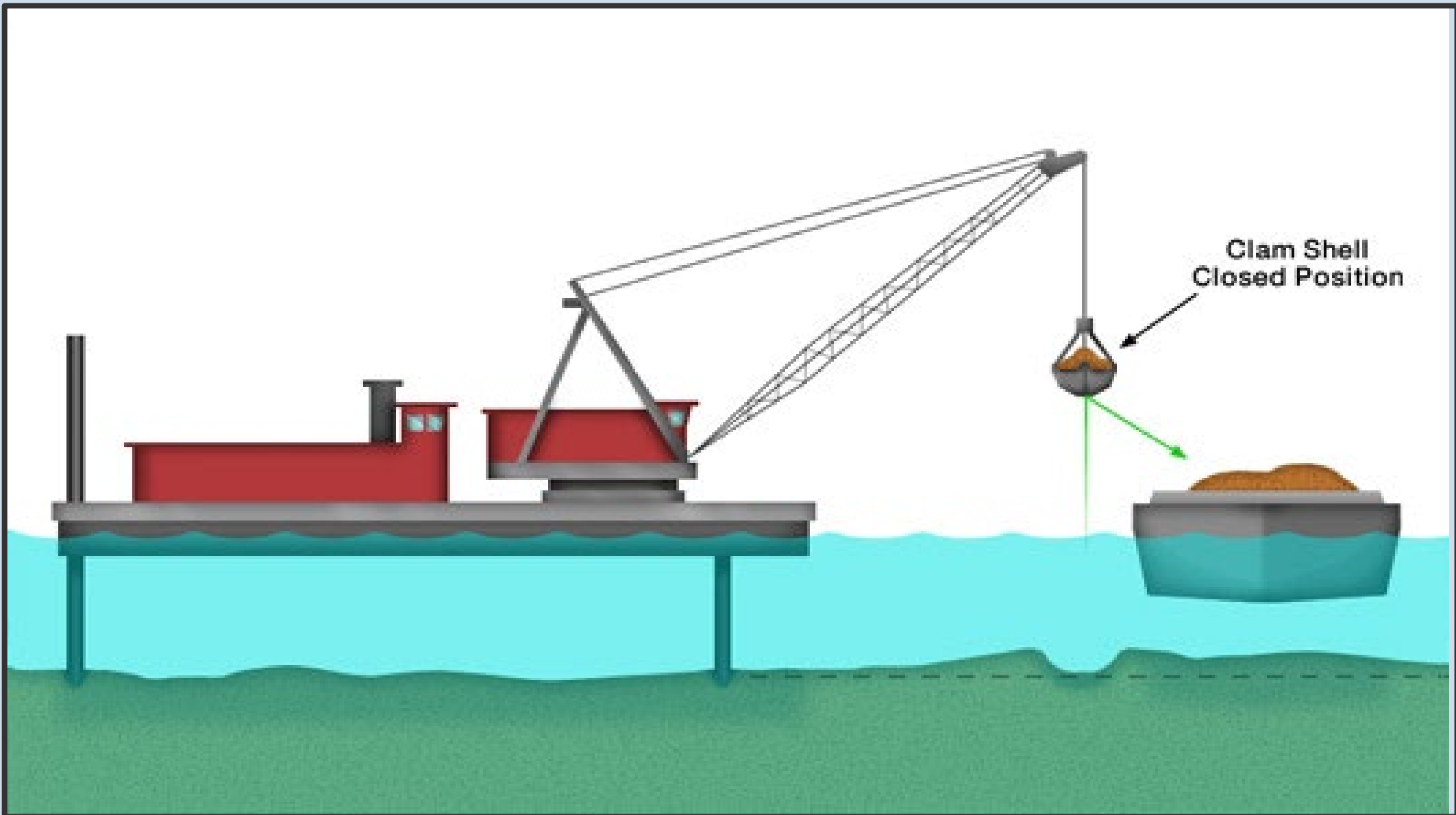


Ecology’s plan divides the marine sediment cleanup unit into four unique sections, called **Sediment Management Areas (SMAs)**.

- **SMA 1** is the area around the former mill dock landing.
- **SMA 2** is the former log pond area.
- **SMA 3** is the area under the dock.
- **SMA 4** is the nearshore area.

Figures 2 and 3: Drawings showing how cleanup methods are applied.

Excavation/Dredging



Enhanced Monitored Natural Recovery (EMNR)

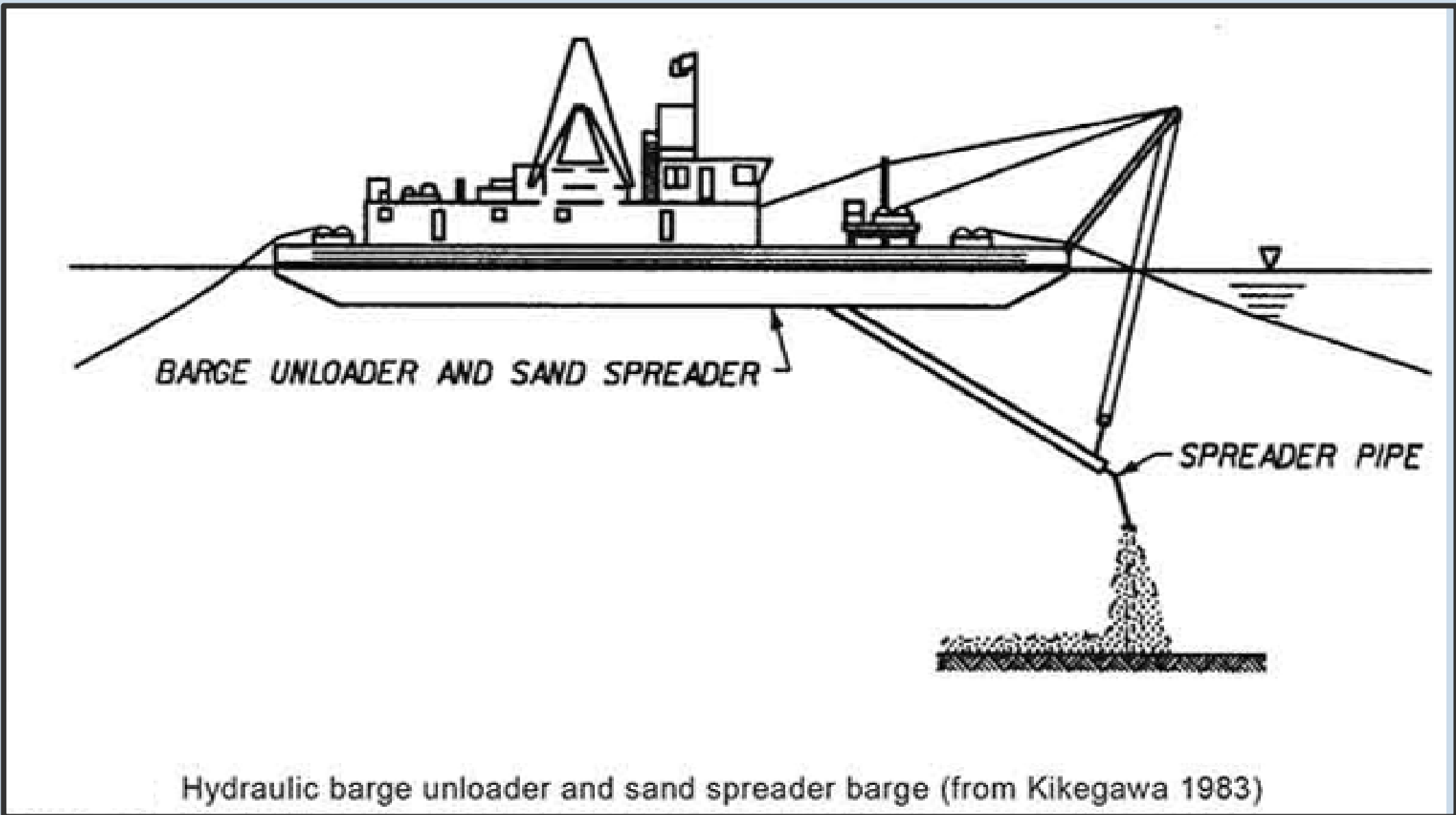
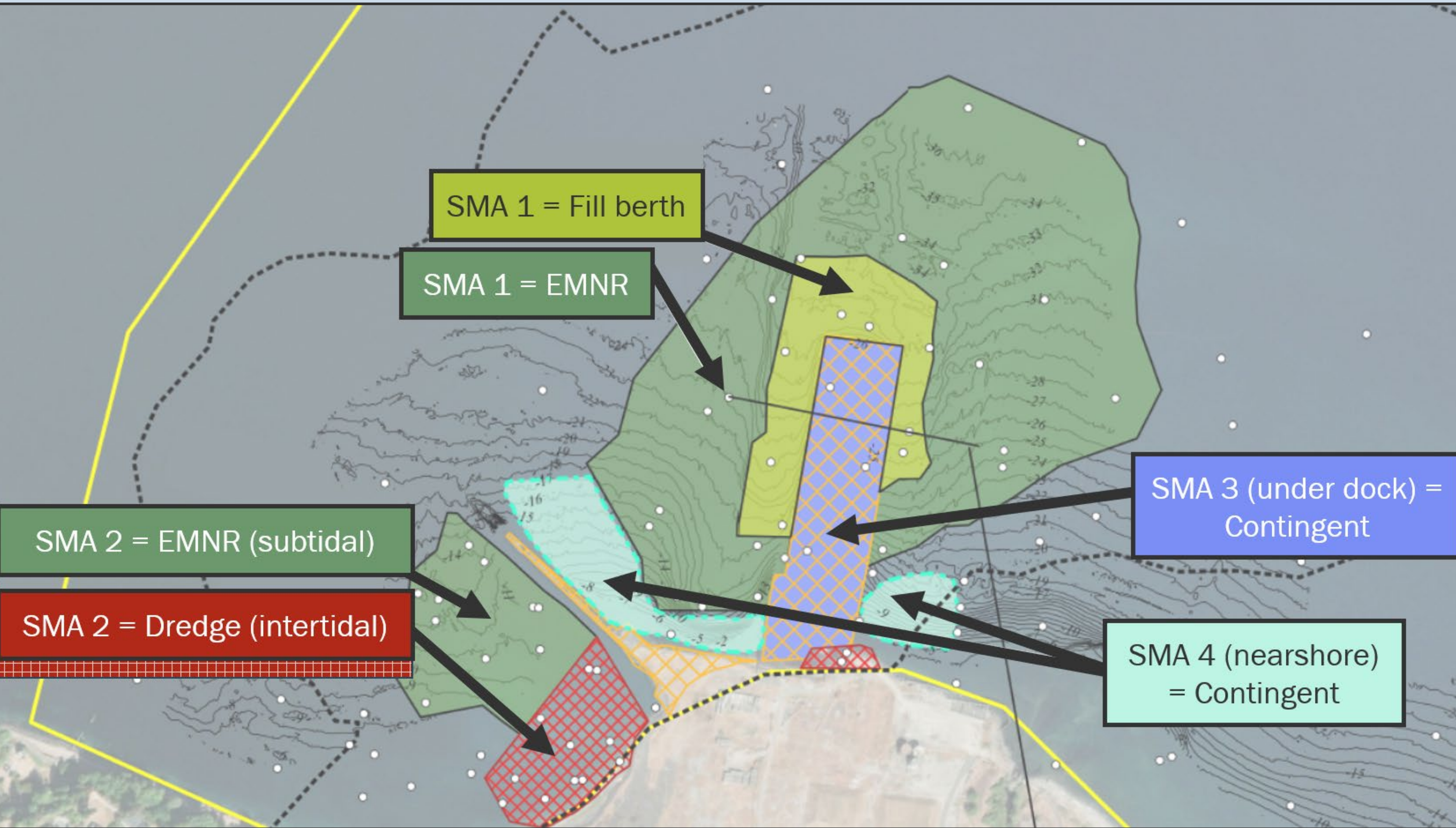


Figure 4: Overview of proposed cleanup for the Sediment Cleanup Unit.



Distribution of Contaminants in the Study Area

Figure 1: Upland contaminants distribution.

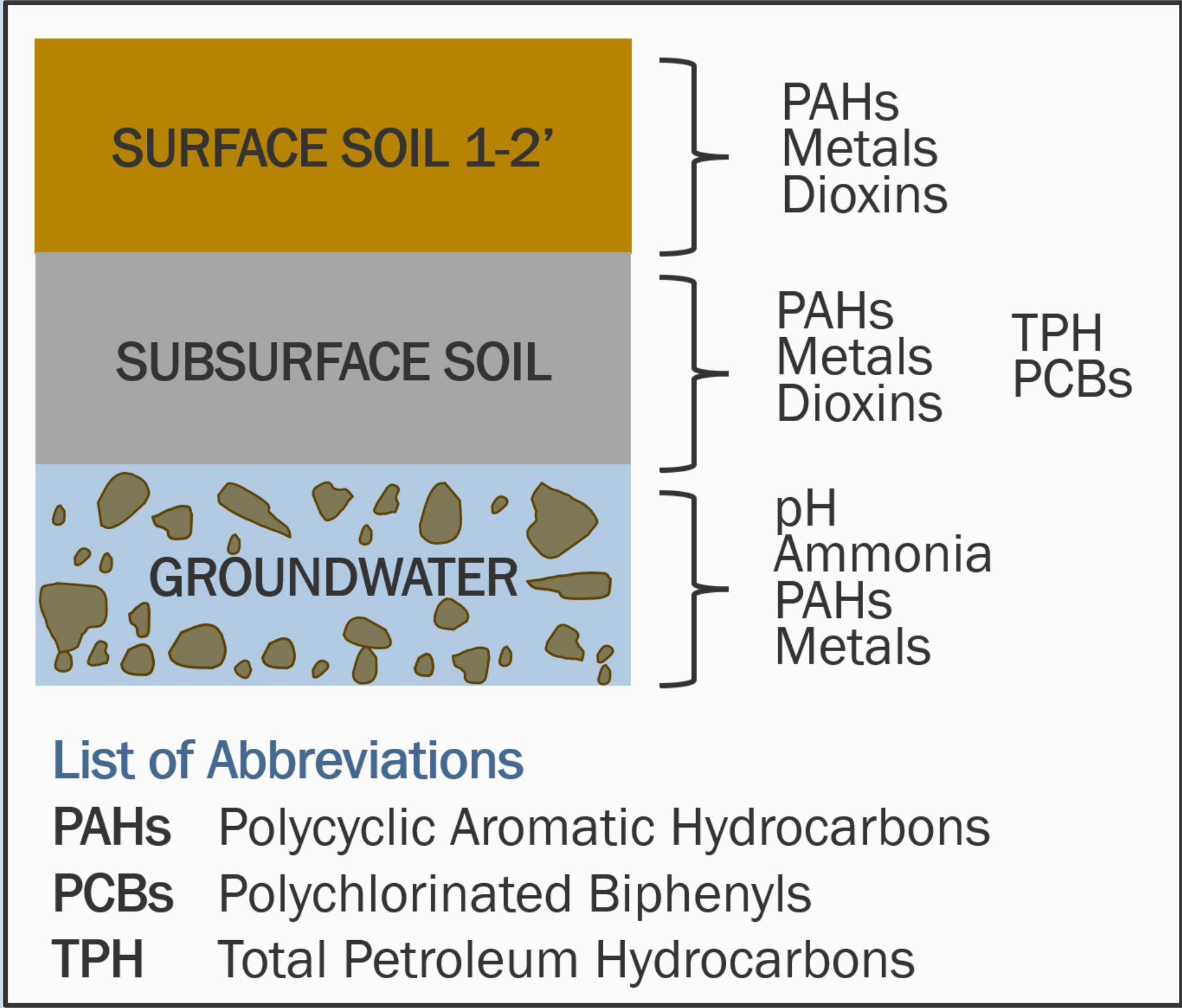
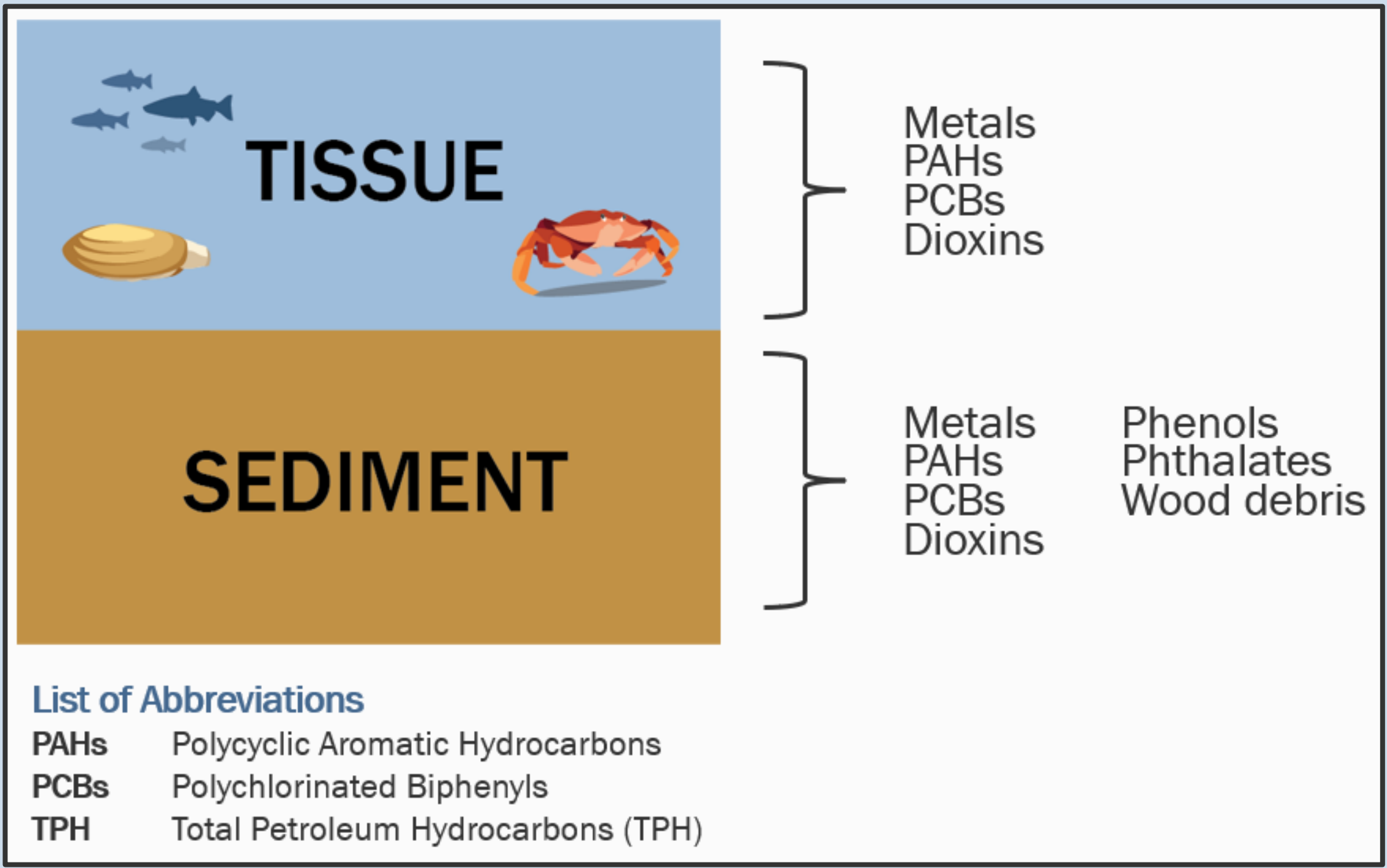


Figure 2: Marine contaminants distribution.



Figures 3-6: Groundwater contaminants distribution.



Figure 3: Groundwater contamination needing cleanup across the upland study area.



Figure 4: Distribution of nickel contamination.

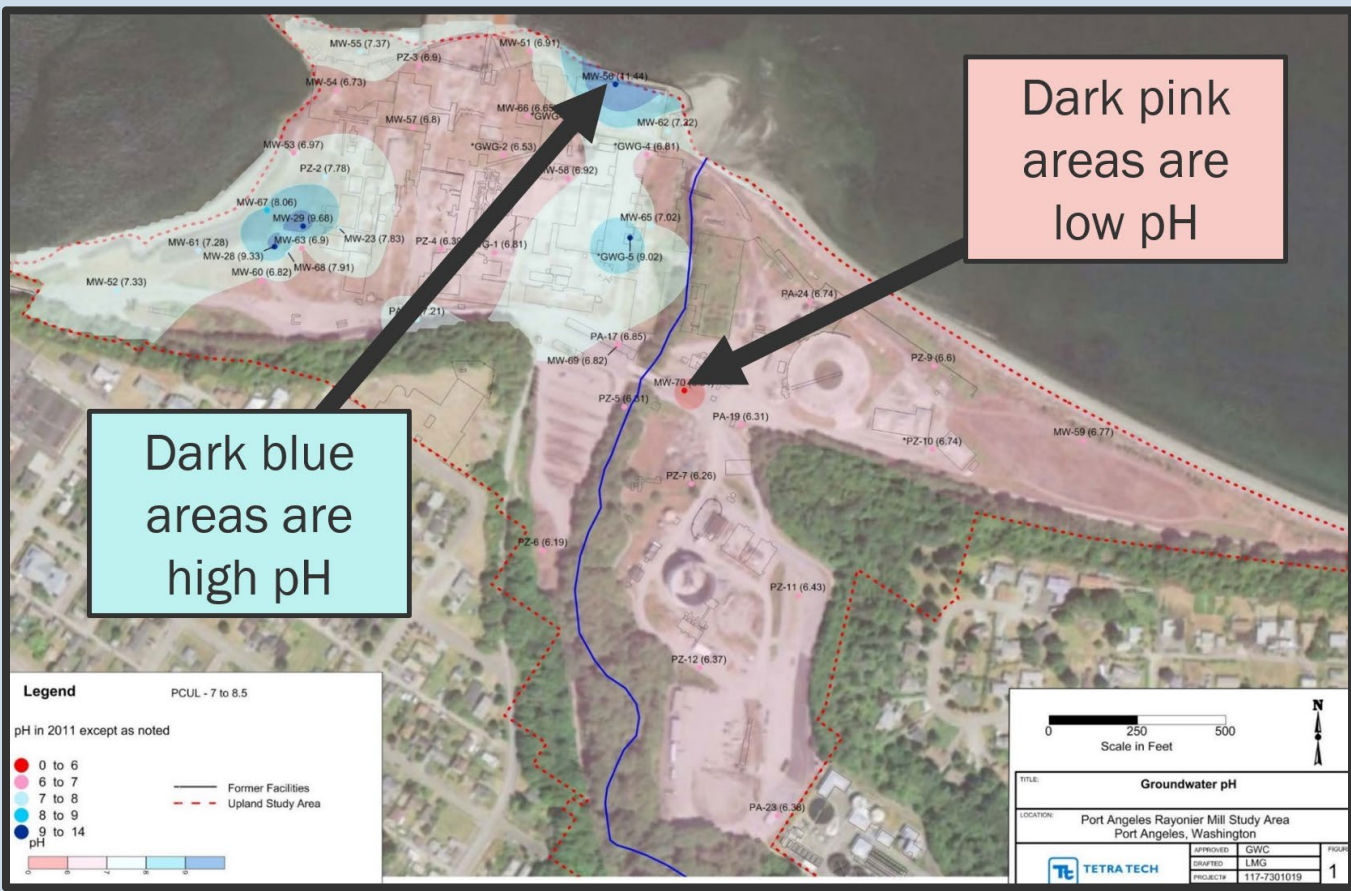


Figure 5: pH levels. High pH contributes to metal contamination.

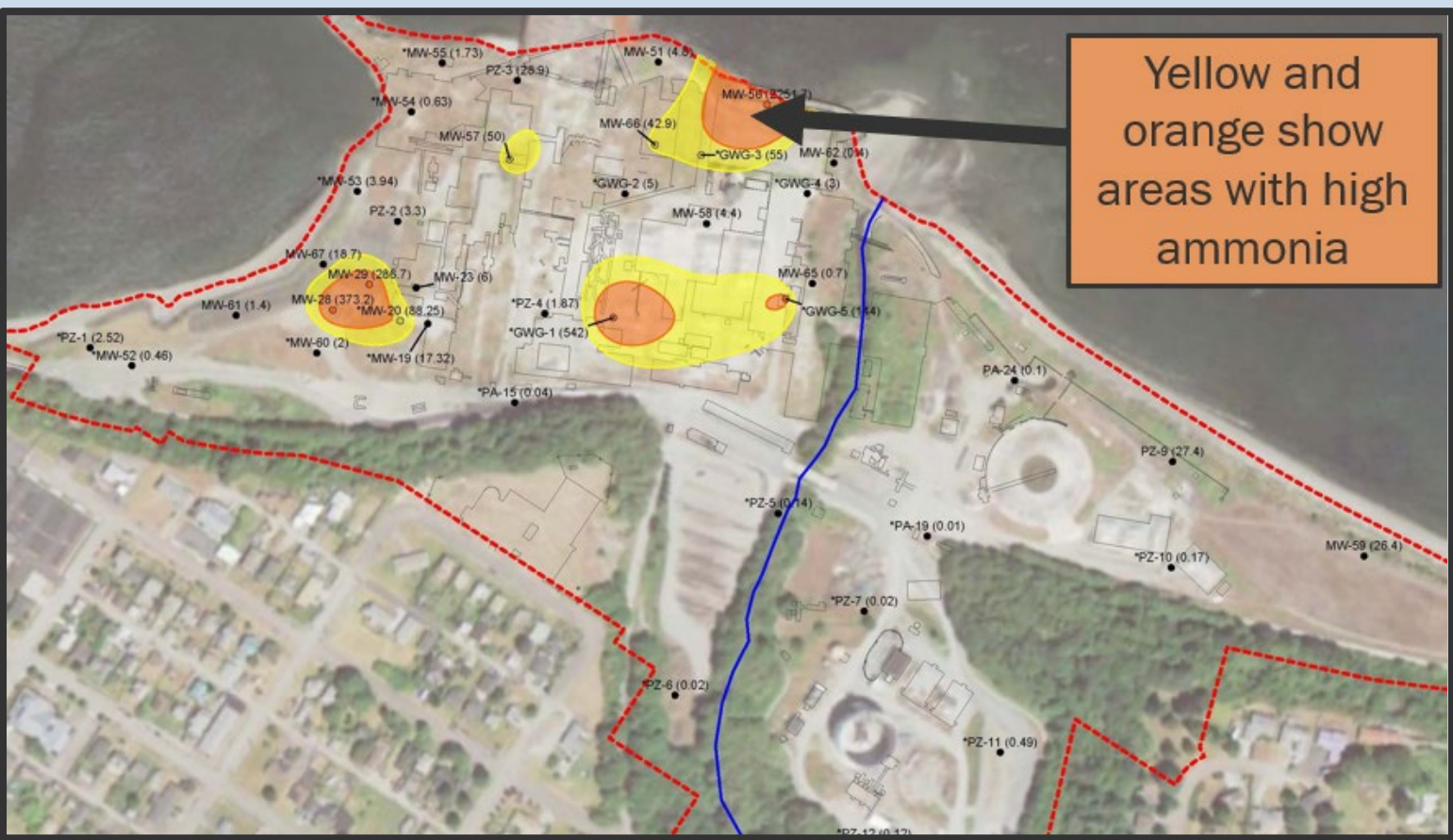
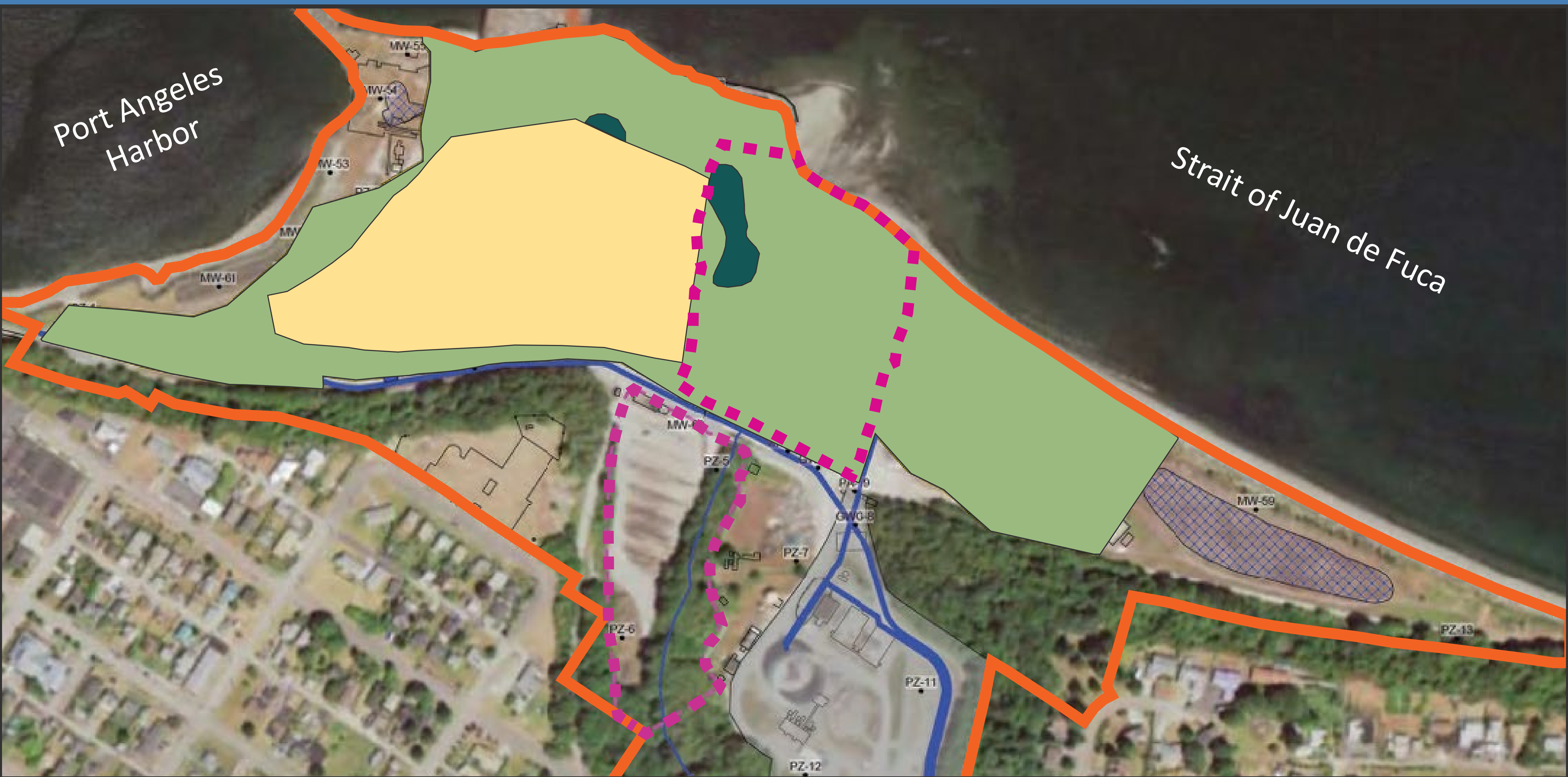


Figure 6: Distribution of ammonia contamination.

Proposed Soil Cleanup

Ecology proposes excavating all contaminated soil. Excavations will go about one foot down from the ground surface in most areas. Some areas may require deeper soil removal depending on the contamination type and extent. The contaminated soil will be consolidated and contained under a protective cap within Rayonier’s (Rayonier A.M. Properties LLC and Rayonier Advanced Materials) private property.

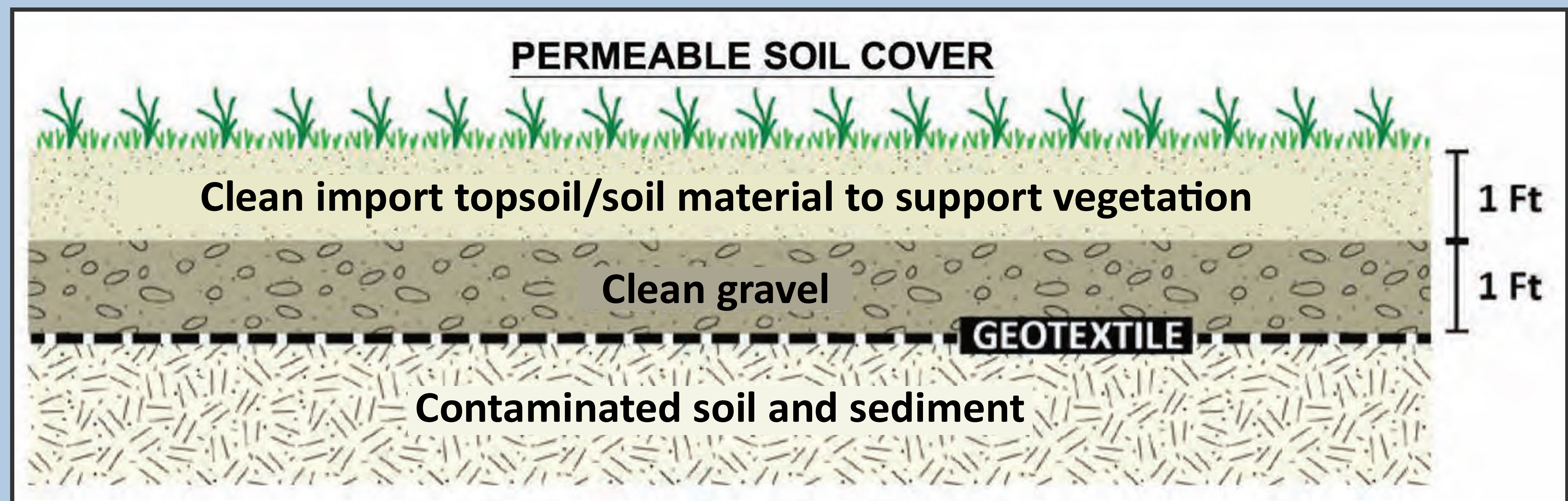
Figure 1: Overview of proposed soil cleanup.



Proposed Soil Cleanup

- Upland study area
- Potential restoration area
- Shallow Excavation Area** – Remove of all contaminated soil by excavating up to 1 foot deep.
- Deep Excavation Area** – Remove all contaminated soil by excavating deeper than 1 foot.
- Cap Area** – Placement of a protective cover (cap) over contaminated soil to prevent exposure and limit the spread of contamination.

Figure 2: An example of what the protective cap could look like





Washington Department of Ecology

Port Angeles Rayonier Mill Cleanup

Public Meeting & Open House Event

July 8, 2025 | 5:00-8:00 PM

Event

Handouts

Port Angeles Rayonier Mill Cleanup Public Meeting and Open House

July 8, 2025, 5:00-8:00 PM

Field Arts & Events Hall, 201 W Front St, Port Angeles

Schedule

5:00 - 6:00 PM: Open House

- Ecology staff available for one-on-one discussion and questions.
- Demonstrations available for Ecology's online tools:
What's in My Neighborhood and *Cleanup and Tank Search*.

6:00 - 7:15 PM: Presentation, Question and Answer Session

- Present information on the Port Angeles Rayonier Mill cleanup and summarize documents available for public comment.
- Speakers include:
 - Marian Abbett, Site Manager
 - Abby Zabrodsky, Public Involvement Coordinator
 - Connie Groven, Unit Supervisor
- Question and answer session to follow presentation.

7:15 - 8:00 PM: Open House

- Ecology staff available for one-on-one discussion and questions.
- Demonstrations available for Ecology's online tools:
What's in My Neighborhood and *Cleanup and Tank Search*.

Written comments will be accepted as official comments throughout the event. You may submit written comments in the Field Hall lobby.

Public Comment Period

Comments are accepted until **11:59 PM on August 12th, 2025**.

Submit comments online: <https://go.ecology.wa.gov/comment2270>

Or via email/mail: **Marian Abbett**, Marian.Abbett@ecy.wa.gov

WA Department of Ecology

PO Box 47775

Olympia, WA 98504-7775

For questions about this public comment period, contact:

Abby Zabrodsky, Abby.Zabrodsky@ecy.wa.gov

Washington's Cleanup Process

Public participation plans and comment periods are only required for cleanups under a legal agreement with Ecology. Otherwise, all cleanups follow the same steps. The steps are defined by Washington's cleanup law, the Model Toxics Control Act.



Initial investigation

Find out if there's contamination needing cleanup.



Assess the site

Evaluate potential threat to humans and the environment.



Study the site (remedial investigation)

- Find out what and where the contamination is.
- Determine how contamination might impact living things.



Consider options (feasibility study)

- Compare ways to keep the contamination from harming people or the environment.
- Weigh benefits versus costs of each cleanup option.



Plan the cleanup (cleanup action plan)

- Describe Ecology's selected cleanup option.
- Set cleanup standards that will protect living things.
- Schedule next steps.
- Set requirements for monitoring and maintenance.



Design the cleanup

Make detailed construction plans for the cleanup action.



Clean up the site!

Complete the cleanup action. For example:

- Constructing a multi-layered capping system.
- Installing a treatment system.
- Removing contamination to a special landfill.



Monitor, maintain, and review

- Operate treatment systems and monitor progress.
- Prevent activities that could disturb the cleanup.
- Review regularly to ensure cleanup still protects living things.



Remove from Contaminated Sites List

Move to No Further Action list if site meets all standards and requirements.



Public input opportunity

Interim actions

may clean up some contamination before the final cleanup.



Legal orders or agreements

define required tasks and schedules.



Public participation plans explain how Ecology will ask for input from the local community.





Find cleanup sites at ecology.wa.gov/cleanups

Find sites on a map

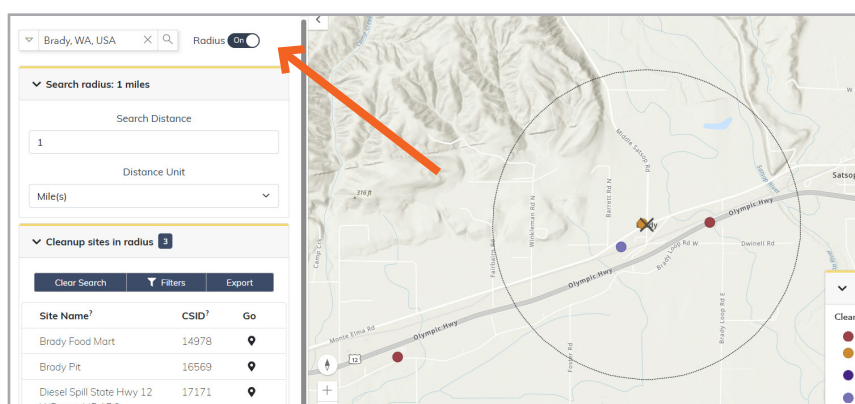
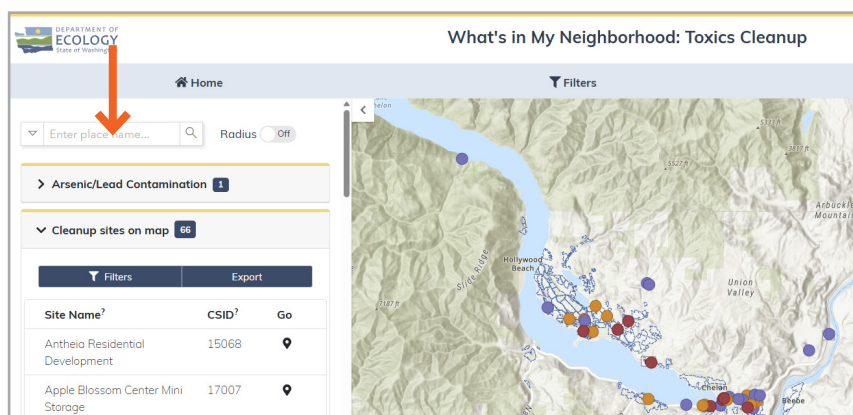
Click on [What's In My Neighborhood](#) to open the map.

Each dot is a cleanup site. Click a dot for the address, site status, and a link to the cleanup site page. The table under the search bar lists all the sites currently visible on the map.



Search for a single site

1. Enter an address, site name, or place in the search bar.
2. Choose a result from the pull-down menu
3. The map will center on the location.



Find all sites in an area

1. Move the radius slider to ON
2. Select a search distance
3. Click on the search button (magnifying glass).

Filter, export, or share

The **filter** menu lets you narrow down results by status, contaminant, and other information. Once you have the sites you're interested in, you can **export** the list. To **share** the map with someone else, copy the URL from your browser's address bar. It will include all your settings, including where you zoomed in to.

Find sites with Cleanup and Tank Search

1. Start at <https://ecology.wa.gov/cleanups>
2. Click on **Cleanup and Tank Search**. This will bring you to the list of all cleanup sites in Washington state, including sites that have already been cleaned up.
3. Enter information in one or more fields.



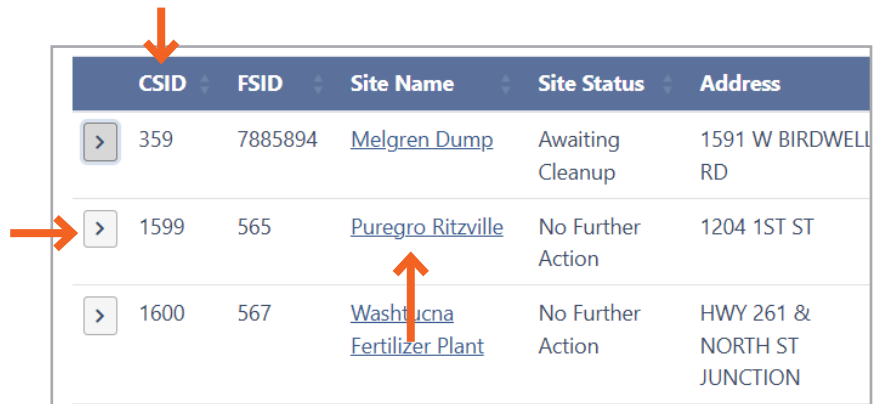
All Cleanup Sites in Washington State

Details about contaminated sites around Washington State.

[Filter Table](#) [Export Table](#) [Map Results](#)

Site Name? <input type="text" value="Site Name"/>	CSID? <input type="text" value="CSID"/>	FSID? <input type="text" value="FSID"/>	Address <input type="text" value="Address"/>
City or Zip <input type="text" value="City or Zip"/>	County <input type="text" value="County"/>	Region? <input type="text" value="Region"/>	Site Status? <input type="text" value="Site Status"/>
Contaminant? <input type="text" value="Contaminant"/>	Periodic Review Required? <input type="checkbox"/>	Institutional Control? <input type="checkbox"/>	Current VCP? <input type="checkbox"/>

4. Click any **column name** to sort that column A to Z.
5. Click an **arrow** to expand the site's entry and get a brief overview. Click the **site name** to go to the full cleanup site webpage.



	CSID	FSID	Site Name	Site Status	Address
>	359	7885894	Melgren Dump	Awaiting Cleanup	1591 W BIRDWELL RD
>	1599	565	Puregro Ritzville	No Further Action	1204 1ST ST
>	1600	567	Washucna Fertilizer Plant	No Further Action	HWY 261 & NORTH ST JUNCTION

Search tips

Cleanup and Tank Search is picky! Search terms must exactly match the information in our database, or a site won't show up. If you're having trouble finding something, try:

- Using fewer search terms or only a key part of the site name
- Removing the address number when searching by street address. A large site might cover several addresses, but it will only be listed under one.
- Using the What's In My Neighborhood map instead if you know the general area. Both tools will take you to the site's cleanup webpage.



Submit your comment!



Scan the QR code or visit:
go.ecology.wa.gov/comment2270

Or, send comments to:

Marian Abbett

P.O. Box 47775

Olympia, WA 98504-7775

Marian.Abbett@ecy.wa.gov



Public Comment Form

1 Comment

2 Review

3 Your Copy

Commenting open: June 12, 2025 8:00 AM PT–August 12, 2025 11:59 PM PT.

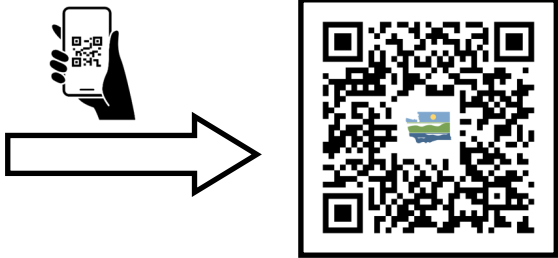
Port Angeles Rayonier Mill: Consent Decree, Draft Interim Action Plan, and SEPA Checklist & Determination of Non-significance

Please note that this comment form is for the purpose of submitting a comment to the Washington Department of Ecology. Commenter contact information is optional. Contact information is necessary if you want to receive future notices or responses related to this topic.

We would like your input on the following documents:

- Consent Decree** – To move the cleanup forward, Ecology will enter into a legal agreement called a consent decree with the parties responsible for cleanup—Rayonier A.M. Properties LLC and Rayonier Advanced Materials (collectively referred to as “RAMP” or “Rayonier”). The consent decree is a legal agreement that would require RAMP to carry out Ecology’s Interim Action Plan.
- Draft Interim Action Plan** – Ecology’s proposal of how to clean up the study area. It includes a schedule and cleanup requirements.
- State Environmental Policy Act (SEPA) Determination of Non-Significance** – Based on an environmental checklist, Ecology has determined that the proposed cleanup is not likely to result in significant environmental impacts.

Scan the QR code to learn more about the cleanup or review documents.



Contact Information

All fields are optional unless otherwise indicated.

Submitted by: (Check one and write name)

- ☐ Individual (add name below)
- ☐ Agency: _____
- ☐ Business: _____
- ☐ Organization: _____
- ☐ Other _____

First Name

Last Name

Address

City/Town

Country

State/Province

ZIP

Email

Please write comment clearly on other side:

3 Your Copy