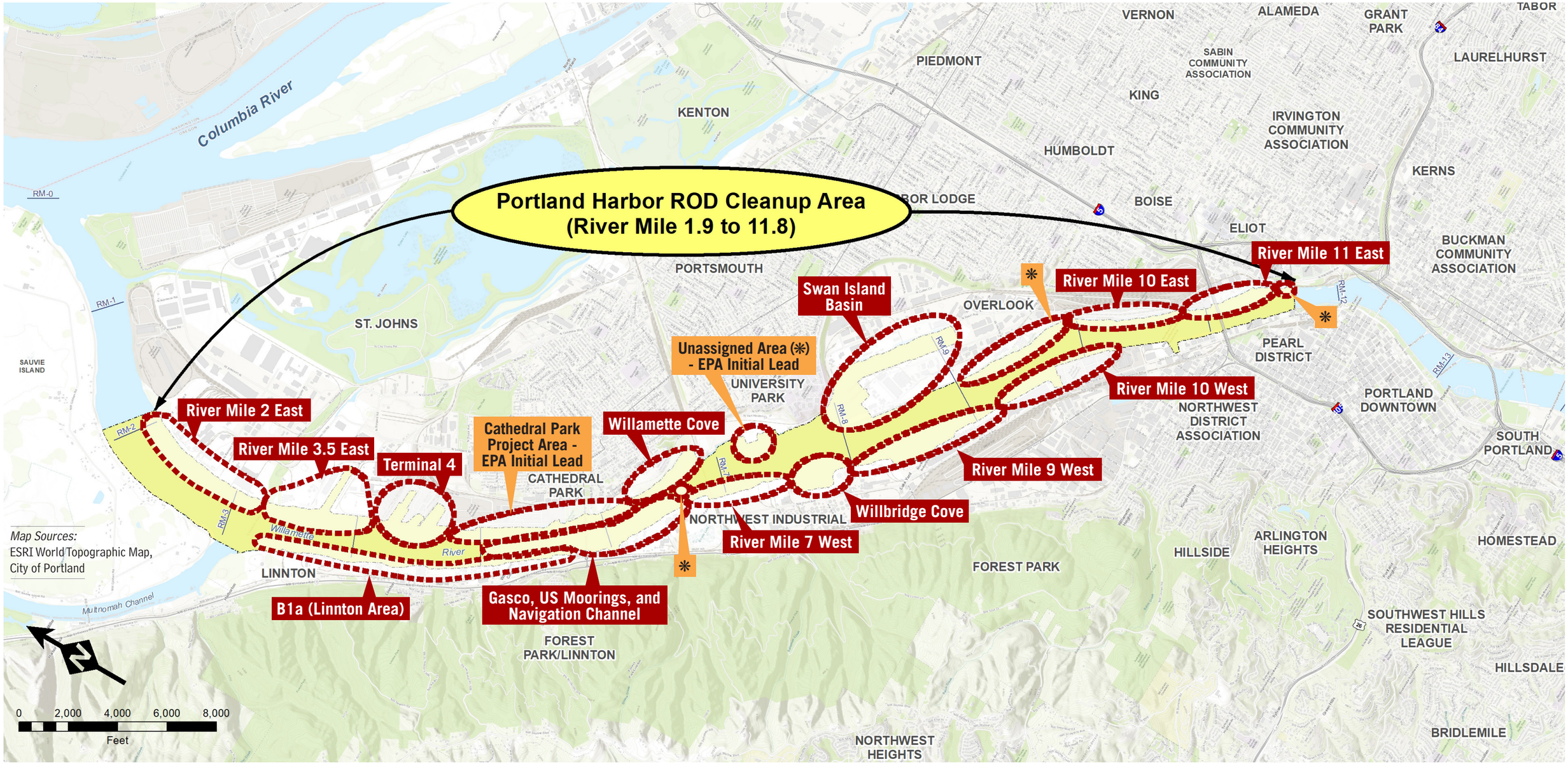
PORTLAND HARBOR SUPERFUND SITE UPDATES

MARCH 2021

OVERVIEW The in-river portion of the Portland Harbor Superfund Site spans about 10 miles of the Lower Willamette River in Portland, OR. EPA released a final cleanup plan (also called the Record of Decision or ROD) in January 2017 to address contamination in the sediment, surface water, and groundwater that poses an unacceptable risk to human health and the environment. All of the acres designated for active in-water remediation at the Site are now in remedial design. For project areas where EPA is listed as the initial lead, EPA continues to seek parties to sign up to perform remedial design of the remedy. This document provides a general project update.

United States Environmental Protection Agency



Red outlines signify that working parties are conducting remedial design with EPA oversight. For unassigned areas and the Cathedral Park Project Area (labeled in orange), EPA is conducting the initial remedial design sampling. *Please see reverse page for more information.*

This shaded area indicates areas where only monitored natural recovery is planned to occur, per the Record of Decision.

QUESTIONS?

Please visit EPA's Portland Harbor website at **www.epa.gov/superfund/portland-harbor**

Contact Laura Knudsen (EPA Community Involvement Coordinator) at **knudsen.laura@epa.gov** or **206-553-1838**.

WHAT ABOUT SOURCE CONTROL?

The term source control refers to controlling sources of contamination that are entering the Portland Harbor Superfund Site from upriver and lands along the river. **The Oregon Department of Environmental Quality (DEQ)** oversees source control and works closely with EPA. To date, DEQ has completed work on 106 of 174 sites identified as requiring source control within the study area and is currently actively working on 55 other sites. Visit DEQ's interactive source control map here: **www.oregon.gov/deq/FilterDocs/PortlandHarborMap.pdf**

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Project Area and Site-Wide Information

Caleb Shaffer, EPA Portland Harbor Team Lead (shaffer.caleb@epa.gov, 503-326-5015)

United States Environmental Protection Agency

Additional Information on Signed Agreements and Orders for Remedial Design:

B1a (Linnton Area):

- **Summary:** Remedial design work is ongoing. Currently working on the Pre-Design Investigation (PDI) work plan and Sufficiency Assessment report.
- **Working Parties:** Atlantic Richfield Company, BP Products North America, Inc., Brix Maritime Co., Exxon Mobil Corporation, and Kinder Morgan Liquids Terminals, LLC
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Hunter Young, EPA Project Manager (young.hunter@epa.gov, 503-326-5020)

Gasco/US Moorings/Navigation Channel:

- **Summary:** Remedial design work is ongoing. All areas have completed Pre-Design Investigation (PDI) sampling and are waiting for the results. Gasco is currently working on the Basis of Design Report and the Sufficiency Assessment report.
- **Working Parties:** NW Natural
- **Informal Public Feedback Opportunity:** Review conceptual design in 2021 for Gasco area *(estimated date).*
- **EPA Point of Contact:** Hunter Young, EPA Project Manager (young.hunter@epa.gov, 503-326-5020)

River Mile 7 West:

- **Summary:** Remedial design work is ongoing. Pre-Design Investigation (PDI) work plans are finalized and Phase 1 of PDI sampling is scheduled for Spring and Summer 2021.
- **Working Parties:** Arkema, Inc., Bayer Crop Science, Inc.
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Madi Novak, EPA Project Manager (novak.elisabeth@epa.gov, 503-326-3277)

Willbridge Cove:

- **Summary:** Remedial design work is ongoing. Pre-Design investigation sampling is anticipated for Summer and Fall 2021.
- **Working Parties:** Chevron U.S.A Inc., Kinder Morgan Liquids Terminals LLC, McCall Oil and Chemical Corporation, Phillips 66 Company, and Shell Oil Company
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Benjamin Leake, EPA Project Manager (leake.benjamin@epa.gov, 503-326-2859)

River Mile 9 West:

- **Summary:** Remedial design work is ongoing. Remedial design work is ongoing. Sufficiency Assessment and the Pre-Design Investigation (PDI) work plan are finalized.
- **Working Parties:** FMC Corporation
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Josie Clark, EPA Project Manager (clark.josie@epa.gov, 206-553-6239)

River Mile 10 West:

- **Summary:** Remedial design work is ongoing. Currently working on the Pre-Design Investigation (PDI) work plan. Sufficiency Assessment report is finalized.
- **Working Parties:** General Electric Company
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Josie Clark, EPA Project Manager (clark.josie@epa.gov, 206-553-6239)

River Mile 11 East:

- **Summary:** Remedial design work is ongoing. Phase I sampling has been completed and working parties are compiling the Phase I Data Report.
- **Working Parties:** City of Portland, PacifiCorp, Cargill, Inc., CBS Corporation, DIL Trust, Glacier Northwest, Inc.
- **Informal Public Feedback Opportunity:** Review conceptual design in 2022 for River Mile 11 East area *(estimated date).*
- **EPA Point of Contact:** Hunter Young, EPA Project Manager (young.hunter@epa.gov, 503-326-5020)

River Mile 10 East:

- **Summary:** Remedial design work is ongoing. Sufficiency Assessment and the Pre-Design Investigation (PDI) work plan are finalized. Pre-Design investigation sampling is underway.
- **Working Parties:** Union Pacific Railroad Company
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Richard Francis, EPA Project Manager (francis.richard@epa.gov, 503-326-3363)

Swan Island Basin:

- **Summary:** Remedial design work is just beginning.
- **Parties:** Daimler Trucks North America LLC, Vigor Industrial LLC, Cascade General, Inc., Shipyard Commerce Center LLC, State of Oregon, City of Portland, Port of Portland, and federal agencies.
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Madi Novak, EPA Project Manager (novak.elisabeth@epa.gov, 503-326-3277)

Willamette Cove:

- **Summary:** Remedial design work is ongoing. Sufficiency Assessment and the Pre-Design Investigation (PDI) work plan are finalized. Phase 1 of PDI sampling is complete. Currently working on the PDI Evaluation Report.
- **Working Parties:** State of Oregon, City of Portland, Port of Portland, and settling federal agencies
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Eva DeMaria, EPA Project Manager (demaria.eva@epa.gov, 206-553-1970)

Cathedral Park Project Area - EPA Initial Lead:

- **Summary:** EPA is starting to scope out initial sampling work (currently planned for Spring 2021) and continues to seek parties to sign up to perform remedial design.
- **Working Parties:** Currently EPA
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Josie Clark, EPA Project Manager (clark.josie@epa.gov, 206-553-6239)

Terminal 4:

- **Summary:** Remedial design work is ongoing. Pre-Design investigation sampling is complete. Currently working on the Basis of Design Report.
- **Working Parties:** Port of Portland
- **Informal Public Feedback Opportunity:** Review conceptual design in early 2022 *(estimated date).*
- **EPA Point of Contact:** Josie Clark, EPA Project Manager (clark.josie@epa.gov, 206-553-6239)

River Mile 3.5 East:

- **Summary:** Remedial design work is ongoing under a Unilateral Administrative Order (UAO). Currently working on the Pre-Design Investigation (PDI) work plan and Sufficiency Assessment report.
- **Working Parties:** Schnitzer Steel Industries, Inc. and MMGL, LLC
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Richard Francis, EPA Project Manager (francis.richard@epa.gov, 503-326-3363)

River Mile 2 East:

- **Summary:** Remedial design work is ongoing under a Unilateral Administrative Order (UAO). Currently working on the Pre-Design Investigation (PDI) work plan and Sufficiency Assessment report.
- **Working Parties:** EVRAZ, Inc., NA
- **Informal Public Feedback Opportunity:** Review conceptual design *(schedule under development).*
- **EPA Point of Contact:** Richard Francis, EPA Project Manager (francis.richard@epa.gov, 503-326-3363)

Unassigned Areas - EPA Initial Lead:

- **Summary:** EPA is in the planning stages of initial remedial design sampling.
- **Working Parties:** Currently EPA
- **Informal Feedback:** Review conceptual designs (*schedule under development*).
- **EPA Point of Contact:** Hunter Young, EPA Project Manager (young.hunter@epa.gov, 503-326-5020)

Updates on Site-Wide Work:

Programmatic Institutional Control Implementation and Assurance Plan (PICIAP) and Information Management Plan (IMP):

- **Summary:** Institutional controls (ICs) is EPA's term for activity and use limitations (such as fish advisories and zoning restrictions) to reduce people's exposure to contamination. ICs are written into a PICIAP. Information management refers to the process of storing and displaying all environmental data and IC information for the Site. In November 2019, EPA signed an agreement with the City of Portland and State of Oregon to develop a site-wide PICIAP and IMP. The Needs Assessment Report was finalized in February 2021.
- **Working Parties:** City of Portland, State of Oregon
- **Input Opportunities:** For information, please contact Jessica Terlikowski, City of Portland, Community Engagement Coordinator (jessica.terlikowski@portlandoregon.gov, 503-865-6704) or Dawn Sanders, City of Portland, IMP Project Coordinator (dawn.sanders@portlandoregon.gov, 503-823-7263).
- **EPA Point of Contact:** Josie Clark, EPA Project Manager (clark.josie@epa.gov, 206-553-6239)

Upriver Reach Dioxin/Furan Sampling:

- **Summary:** The Upriver Reach is an approximately 12-mile stretch of the Willamette River upstream of the Portland Harbor Superfund Site, extending from roughly RM 16.6 to RM 28.4 (from about the Sellwood Bridge to above the Willamette Falls). The purpose of this sampling is to gather additional information about the background concentration of dioxins and furans in the Upriver Reach. EPA Region 10 and the Oregon Department of Environmental Quality are partnering to perform this sampling work. Sampling is anticipated to start in Spring 2021.
- **Working Parties:** Oregon Department of Environmental Quality, EPA
- **EPA Point of Contact:** Madi Novak, EPA Project Manager (novak.elisabeth@epa.gov, 503-326-3277)

Portland Harbor Superfund Site Remedial Design Status (March 2021)

Project Area	Sufficiency Assessment	Preliminary Design Investigation	Basis of Design Report	Remedial Design Work Plan	Preliminary Remedial Design (30%)	Intermediate Remedial Design (60%)	Pre-Final and Final Remedial Design (95%, 100%)
B1a	Complete (Updated)	In Progress					
Gasco	In Progress	In Progress	In Progress	In Progress			
US Moorings	In Progress	In Progress					
Nav Channel	Complete (Updated)	In Progress					
River Mile 7 West		In Progress					
Willbridge Cove	Complete (Updated)	In Progress					
River Mile 9 West	Complete	In Progress					
River Mile 10 West	Complete	In Progress					
River Mile 11 East	Complete	In Progress	Complete	In Progress			
River Mile 10 East	Complete (Updated)	In Progress					
Swan Island Basin	In Progress (Updated)	In Progress (Updated)					
Willamette Cove	Complete	In Progress	In Progress (Updated)				
Cathedral Park Project Area		In Progress					
Terminal 4		Complete	In Progress				
River Mile 3.5 East	In Progress	In Progress					
River Mile 2 East	In Progress	In Progress					
Unassigned Areas		In Progress					

KEY

- In Progress
- Complete
- Not Started
- Updated

Updated: March 2021