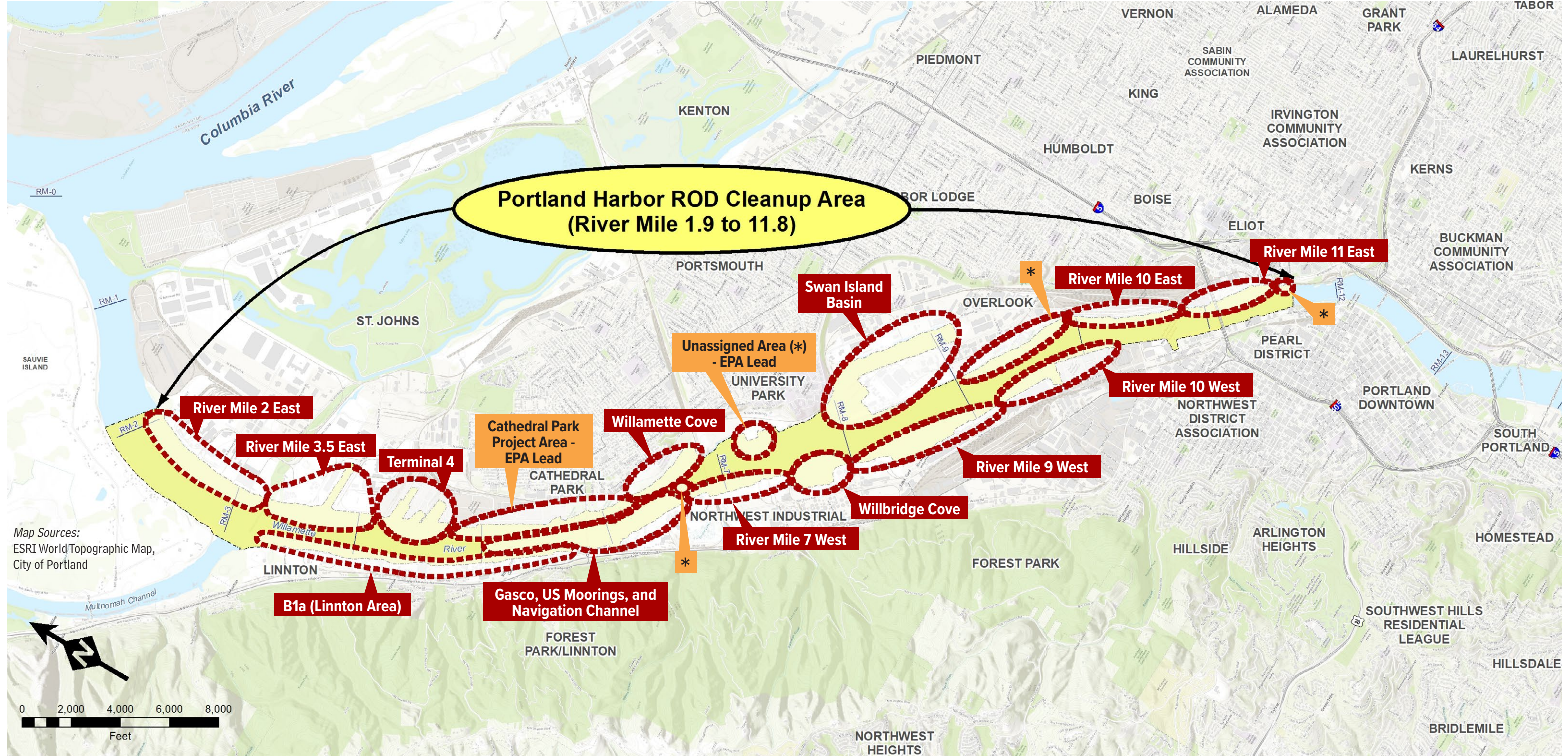


# PORTLAND HARBOR SUPERFUND SITE UPDATES

DECEMBER 2022

**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.



Map Sources:  
ESRI World Topographic Map,  
City of Portland

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 implementing full remedial design. *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](http://www.epa.gov/superfund/portland-harbor)

Contact Laura Knudsen (EPA Community Involvement Coordinator) at [knudsen.laura@epa.gov](mailto: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 112 of 175 sites identified as requiring source control within the study area and is currently working on 54 other sites. Visit DEQ's Portland Harbor Upland Source Control website here: <https://www.oregon.gov/deq/Hazards-and-Cleanup/CleanupSites/Pages/Portland-Harbor-Strategy.aspx>.

# PORTLAND HARBOR SUPERFUND SITE UPDATES

DECEMBER 2022

## Project Area and Site-Wide Information

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



### Additional Information on Signed Agreements and Orders for Remedial Design:

#### B1a (Linnton Area):

- Summary:** Phase 1 and Phase 2 Pre-Design Investigation (PDI) Reports are pending. Phase 2B Sampling is being planned for spring 2023.
- 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](mailto: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 Preliminary Design Report.
- Working Parties:** NW Natural
- Informal Public Feedback Opportunity:** Review conceptual design in 2023 for Gasco area (*estimated date*).
- EPA Point of Contact:** Hunter Young, EPA Project Manager ([young.hunter@epa.gov](mailto: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 underway and has been completed. Data evaluation reports and phase 2 sampling scopes of work are expected in 2023.
- 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](mailto:novak.elisabeth@epa.gov), 503-326-3277)

#### Willbridge Cove:

- Summary:** Remedial design work is ongoing. The Phase 1 Data Report and the Phase 2 Work Plan have been submitted and EPA is currently reviewing. Phase 2 PDI sampling is expected to begin in Fall, 2022. Parties are currently preparing for Phase 2 sampling field work.
- 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:** Hunter Young, EPA Project Manager ([young.hunter@epa.gov](mailto:young.hunter@epa.gov), 503-326-5020)

#### River Mile 9 West:

- Summary:** Remedial design work is ongoing. Currently evaluating data from 2021 field sampling. 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](mailto:clark.josie@epa.gov), 206-553-6239)

#### River Mile 10 West:

- Summary:** Remedial design work is ongoing. Currently evaluating data from 2021 field sampling. Sufficiency Assessment and the Pre-Design Investigation (PDI) work plan are 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](mailto:clark.josie@epa.gov), 206-553-6239)

#### River Mile 11 East:

- Summary:** Remedial design work is ongoing. The Phase I PDI Evaluation Report has been completed and they are working on a Preferred Alternatives Report (PAR).
- Working Parties:** City of Portland, PacifiCorp, Cargill, Inc., CBS Corporation, DIL Trust, Glacier Northwest, Inc.
- Informal Public Feedback Opportunity:** Review conceptual design in 2023 for River Mile 11 East area (*estimated date*).
- EPA Point of Contact:** Hunter Young, EPA Project Manager ([young.hunter@epa.gov](mailto:young.hunter@epa.gov), 503-326-5020)

#### River Mile 10 East:

- Summary:** Remedial design work is ongoing. Phase 2 of the PDI sampling is complete. PDI Evaluation report is approved. Basis of Design Report is under review.
- 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](mailto:francis.richard@epa.gov), 503-326-3363)

#### Swan Island Basin:

- Summary:** The Pre-Design Investigation (PDI) Work Plan is finalized. Substantial Phase I sampling has been conducted and will be completed in 2022. The Data Evaluation Report is expected in spring 2023. A draft Sufficiency Assessment Report has been submitted and will be revised using the PDI data collected in 2022.
- 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](mailto:novak.elisabeth@epa.gov), 503-326-3277)

#### Willamette Cove:

- Summary:** Remedial design work is ongoing. Basis of Design Report and Supplemental PDI Workplan is complete. RDWP is under review.
- 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](mailto:demaria.eva@epa.gov), 206-553-1970)

#### Cathedral Park Project Area - EPA Lead:

- Summary:** Initial field sampling is complete and EPA anticipates a data evaluation report in winter 2022.
- Working Parties:** EPA
- Informal Public Feedback Opportunity:** Review conceptual design (*schedule under development*).
- EPA Point of Contact:** Josie Clark, EPA Project Manager ([clark.josie@epa.gov](mailto:clark.josie@epa.gov), 206-553-6239)

#### Terminal 4:

- Summary:** Remedial Design work is on-going. Supplemental PDI WP has been approved and sampling is ongoing.
- Working Parties:** Port of Portland
- Informal Public Feedback Opportunity:** Review conceptual design in mid-2023 (*estimated date*).
- EPA Point of Contact:** Josie Clark, EPA Project Manager ([clark.josie@epa.gov](mailto:clark.josie@epa.gov), 206-553-6239)

#### River Mile 3.5 East:

- Summary:** Remedial Design work is ongoing under a Unilateral Administrative Order (UAO). PDI Phase 2 sampling in progress. PDI Evaluation Report is under review.
- 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](mailto:francis.richard@epa.gov), 503-326-3363)

#### River Mile 2 East:

- Summary:** Remedial Design work is ongoing under a Unilateral Administrative Order (UAO). PDI Phase 2 sampling is complete and waiting for data validation. PDI Evaluation Report is under review.
- 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](mailto:francis.richard@epa.gov), 503-326-3363)

#### Unassigned Areas - EPA Lead:

- Summary:** Initial field sampling is complete and EPA anticipates a data evaluation report in winter 2022.
- 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](mailto:young.hunter@epa.gov), 503-326-5020)

### Updates on Site-Wide Work:

#### Programmatic Institutional Control (IC) Plan (Programmatic IC Plan) 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 Programmatic IC Plan. 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 Programmatic IC Plan and IMP. EPA approved the IMP in March 2022 and approved the Programmatic IC Plan in September 2022.
- 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](mailto:jessica.terlikowski@portlandoregon.gov), 503-865-6704) or Dawn Sanders, City of Portland, IMP Project Coordinator ([dawn.sanders@portlandoregon.gov](mailto:dawn.sanders@portlandoregon.gov), 503-823-7263).
- EPA Point of Contact:** Josie Clark, EPA Project Manager ([clark.josie@epa.gov](mailto: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. A data report and fact sheet summarizing the results of the sampling and analysis was issued in July and posted to the DEQ and EPA websites. EPA's technical memorandum summarizing the data analysis and conclusions was finalized October 25, 2022.
- Working Parties:** Oregon Department of Environmental Quality, EPA
- EPA Point of Contact:** Madi Novak, EPA Project Manager ([novak.elisabeth@epa.gov](mailto:novak.elisabeth@epa.gov), 503-326-3277)

# Portland Harbor Superfund Site Remedial Design Status (December 2022)

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	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
Gasco	Complete	Complete	In Progress	In Progress	In Progress	Not Started	Not Started
US Moorings	Complete	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
Nav Channel	Complete	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
River Mile 7 West (Bayer)	Not Started	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
River Mile 7 West (Arkema)	Not Started	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
Willbridge Cove	Complete	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
River Mile 9 West	Complete	In Progress	In Progress	Not Started	Not Started	Not Started	Not Started
River Mile 10 West	Complete	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
River Mile 11 East	Complete	Complete	Complete	Complete	In Progress	Not Started	Not Started
River Mile 10 East	Complete	Complete	In Progress	Not Started	Not Started	Not Started	Not Started
Swan Island Basin	In Progress	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
Willamette Cove	Complete	In Progress	Complete	In Progress	Not Started	Not Started	Not Started
Cathedral Park Project Area	Not Started	In Progress	Not Started	In Progress	Not Started	Not Started	Not Started
Terminal 4	Complete	In Progress	Complete	Complete	Not Started	Not Started	Not Started
River Mile 3.5 East	Complete	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
River Mile 2 East	Complete	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started
Unassigned Areas	In Progress	In Progress	Not Started	Not Started	Not Started	Not Started	Not Started

**KEY**

- In Progress
- Complete
- Not Started
- Updated

*Updated: December 2022*