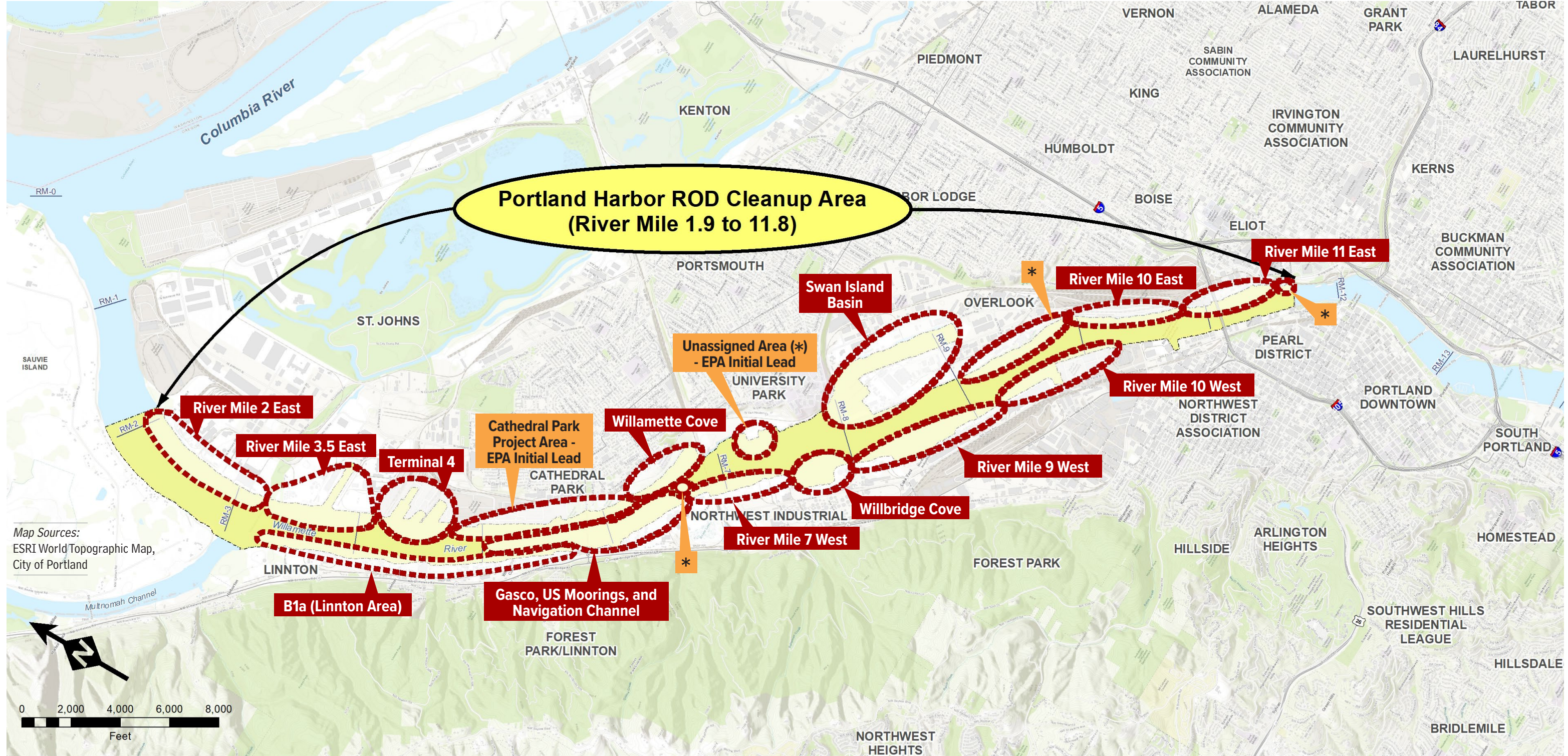


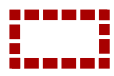
# PORTLAND HARBOR SUPERFUND SITE UPDATES


JUNE 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 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](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

JUNE 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 Pre-Design Investigation (PDI) Report is pending. Phase 2 PDI Sampling is being planned for late summer.
- 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 2022 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 will be completed in 2022.
- 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. Phase 1 PDI sample analysis is underway and Phase 2 PDI sampling is expected to begin in Fall, 2022. Parties are currently working on a combined Phase 1 Data Report and Phase 2 Work Plan.
- 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](mailto:leake.benjamin@epa.gov), 503-326-2859)

#### 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 working parties are starting 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 in progress.
- 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:** Draft Pre-Design Investigation Work Plan and Sufficiency Assessment Report documents have been submitted. Pre-Design investigation sampling is underway.
- 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. PDI evaluation report is complete and the Basis of Design Report (BODR) is under review. Currently working on the Supplemental PDI Workplan.
- 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 Initial Lead:

- Summary:** Initial field sampling is complete and EPA anticipates a data evaluation report in fall 2022.
- 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](mailto:clark.josie@epa.gov), 206-553-6239)

#### Terminal 4:

- Summary:** Remedial Design work is on-going. The Sufficiency Assessment and Remedial Design Work Plan have been approved and a Supplemental PDI WP is under development for additional field sampling.
- 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 expected Fall 2022.
- 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 Expected Fall 2022.
- 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 Initial Lead:

- Summary:** Pre-Design Investigation (PDI) sampling recently concluded and results are pending.
- 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 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](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. Sampling was completed in Summer 2021 and analysis is underway. Validated analytical results are anticipated in Summer 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 (June 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                      | Not Started            | 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                      | In Progress            | Not Started               | Not Started                       | Not Started                        | Not Started                                     |
| Cathedral Park Project Area | Not Started            | In Progress                      | Not Started            | Not Started               | Not Started                       | Not Started                        | Not Started                                     |
| Terminal 4                  | In Progress            | Complete                         | Complete               | In Progress               | 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: June 2022*