

Portland Harbor Pre-Remedial Design Investigation and Baseline Sampling

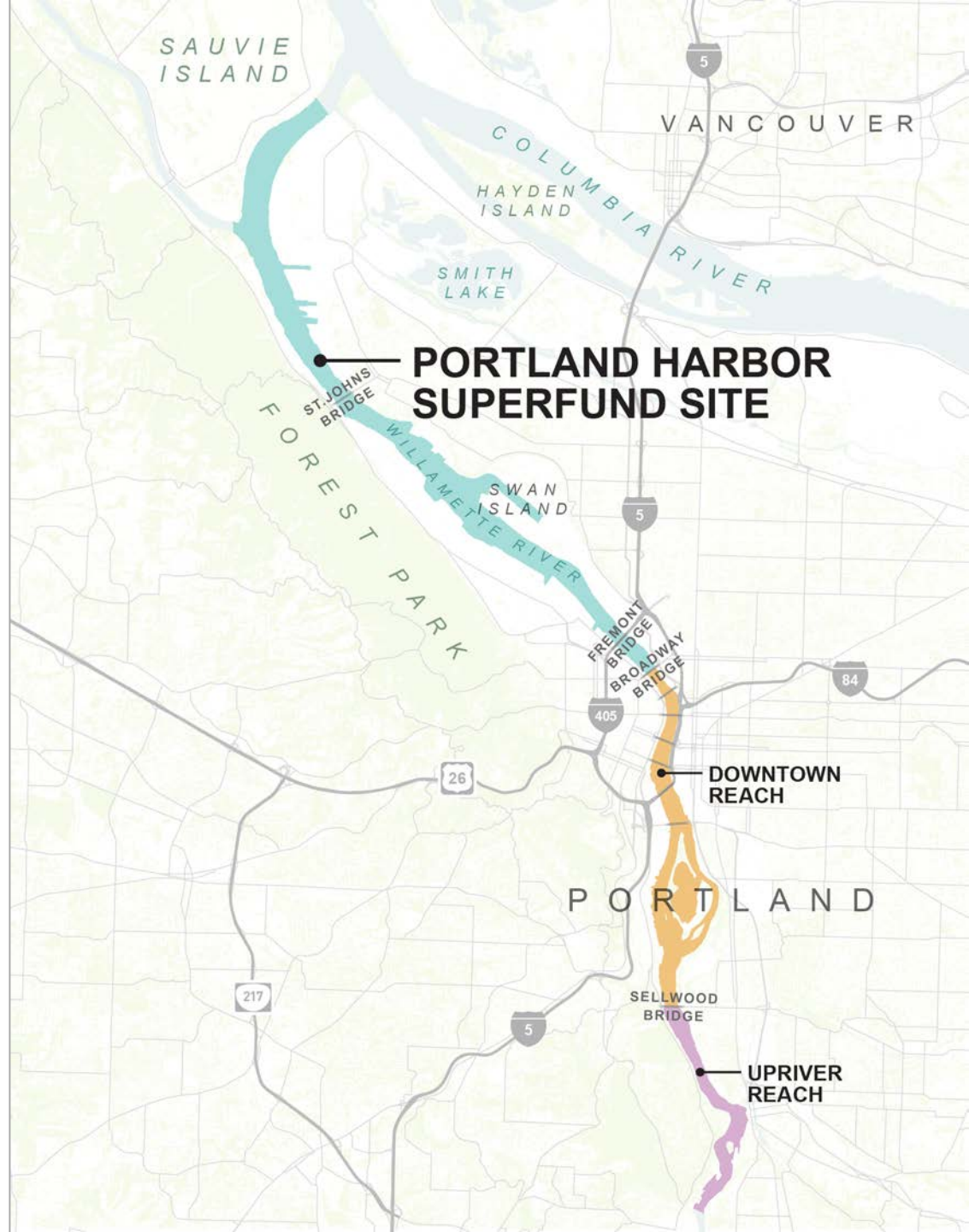
Public Forum
June 13, 2018

What is the Pre-RD Project?

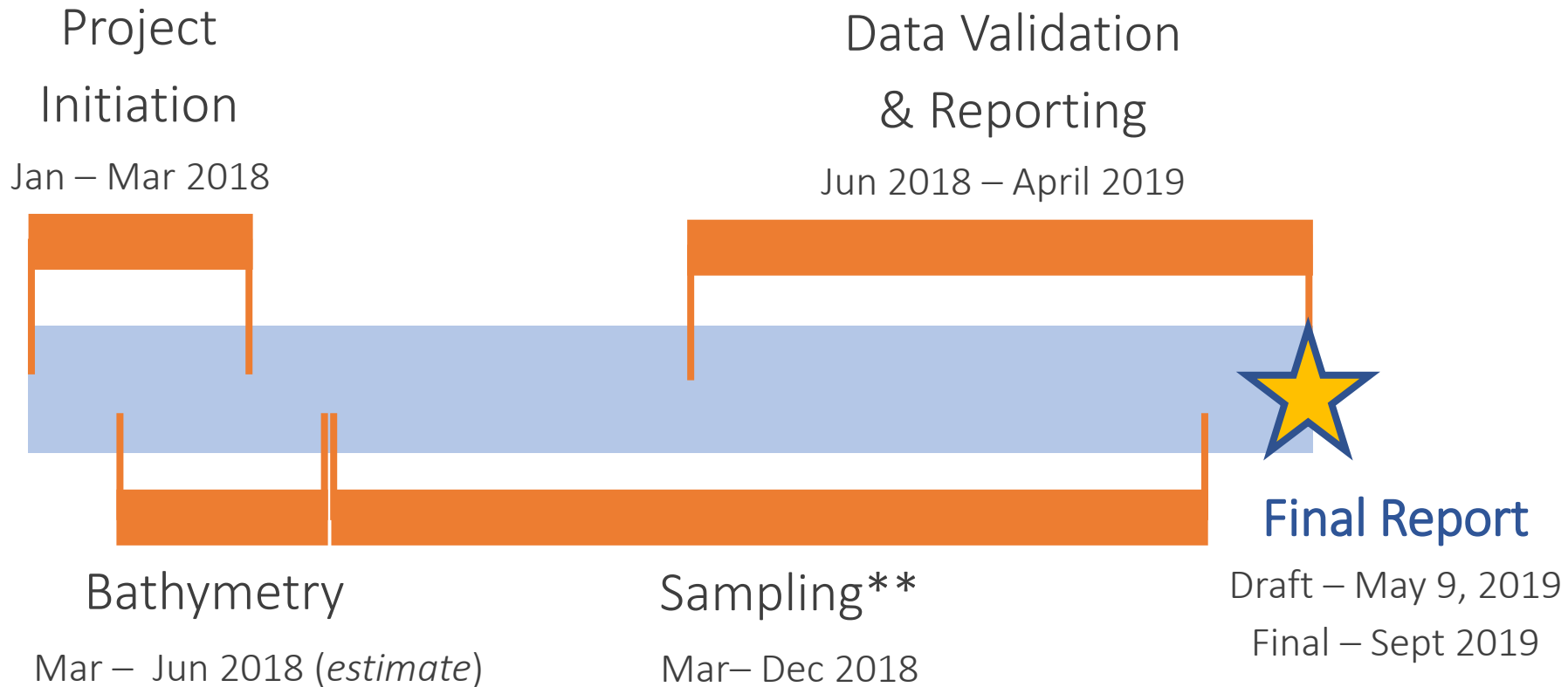
- Agreement was signed between EPA and four Potentially Responsible Parties (PRPs) on 12/19/2017
 - Arkema Inc.
 - The Marine Group LLC
 - Evrast Inc. NA
 - Schnitzer Steel Industries, Inc.
- Purpose of the study is to collect needed scientific data identified in EPA's Record of Decision to update site-wide conditions
- Collected data can be used to support future remediation design

Sampling Area

- Portland Harbor study area
- Downtown and Upriver Reaches to measure contaminants coming into the site from upstream areas



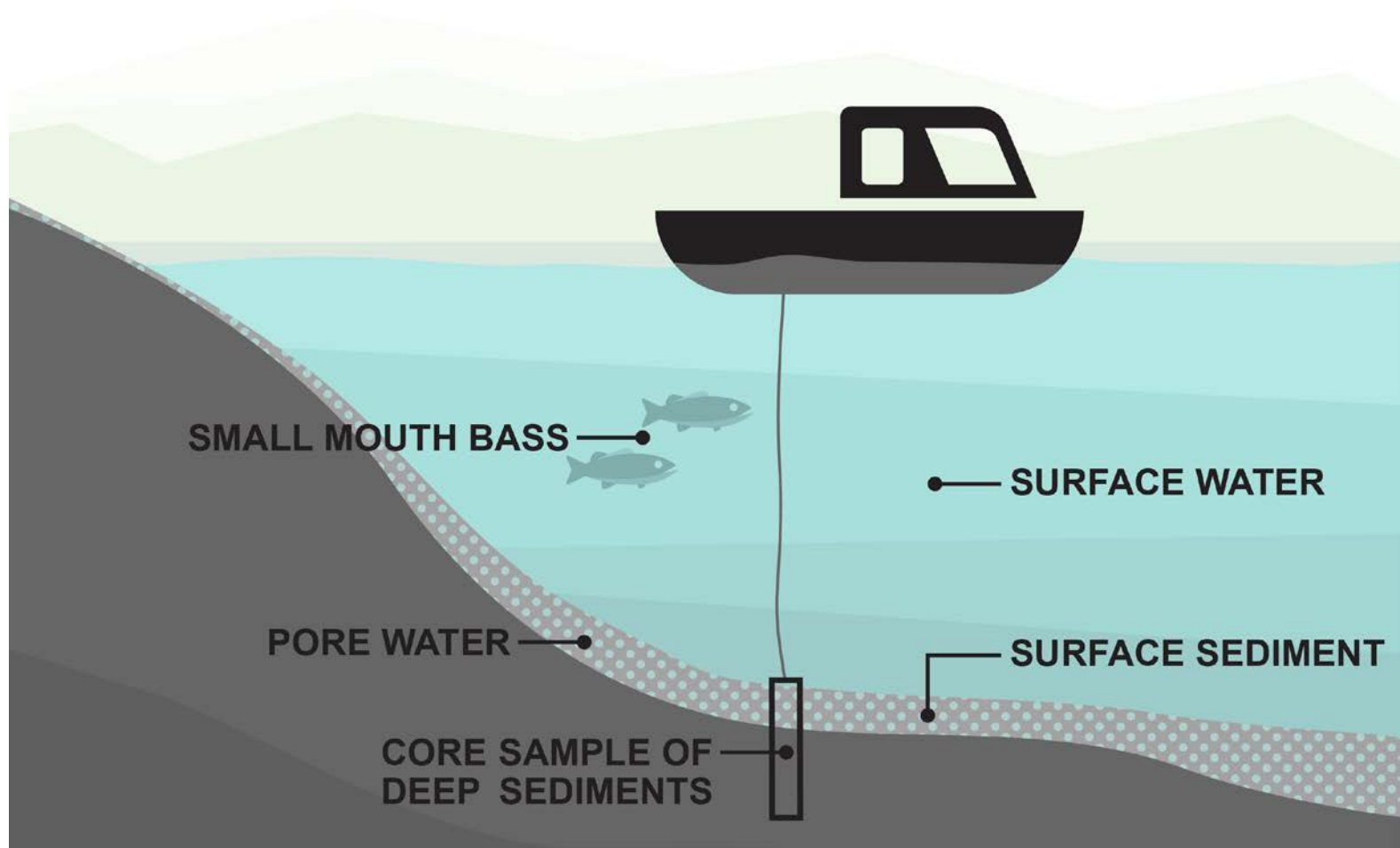
Schedule Overview



*Bathymetry creates a map of the bottom of the river by measuring water depth

**Acoustic fish tracking will continue through April 2019

Samples are being collected from different parts of the river across the Portland Harbor area



Study activities to date

January – March

Project initiation

Quality Assurance documents and
Field Sampling Plans

April – Now

Bathymetry

Conducted surface sediment grab
sampling

Deployed acoustic receivers and
tagged fish to start fish tracking

Field sampling activities



Surface
sediment
sampling

Acoustic
fish
tracking



Planned upcoming sampling activities

Summer 2018

Finalize remaining Field Sampling Plans

Complete surface sediment sampling

Deploy sediment traps

Start surface water sampling

Start pore water sampling

Collect fish tracking data

Start fish tissue sampling