

Draft 2021-2022 Work Plan for Lower Duwamish Waterway Roundtable

Draft v. 2-18-21

WORKPLAN

Below is a draft workplan for Roundtable meetings in 2021 and 2022. This workplan is intended for LDW Roundtable Steering Committee review. As Figure 1 below shows, this work plan is intended to build the capacity of Roundtable members, so that they can provide substantive feedback on the 30% design of the cleanup for the Upper Reach in 2022. The 30% design is also called the preliminary design.

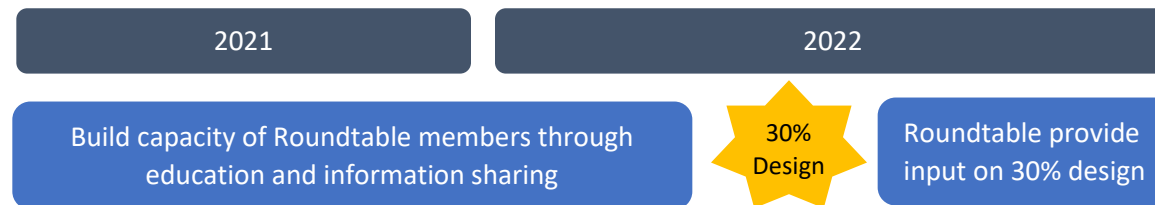


Figure 1

The table below shows a draft meeting plan related to the anticipated site milestones in 2021-2022 (see Attachment A for a list of those likely milestones), release of documents related to those milestones, and the likely role of the Roundtable. Roundtable meetings may also include information about Superfund topics that are not directly tied to milestones. See Attachment B for example topics, as identified in a 2018 Roundtable meeting.

The topics best suited to the Roundtable are:

1. **Meaningful:** Topics that matter to Roundtable members and their caucus members. The topics will be shared in a way that can be understood by people with non-technical background.
2. **Timely:** The topics are aligned to be relevant to the site schedule.
3. **Actionable:** Topics where the Roundtable can give input to EPA before a site decision, and cleanup-related topics that benefit from Roundtable members engaging with each other.

Please note this is a draft workplan, intended to help the Steering Committee visualize how Roundtable meetings can complement site milestones and opportunities to give input to EPA. The Facilitation Team and EPA would like your feedback on meeting timing, the proposed milestone-related topics, and additional topics for EPA consideration.

This Roundtable workplan includes:

1. Meetings: Formal convenings of the Roundtable that follow the Roundtable’s agreed-upon operating procedures and provide the Roundtable members with the opportunity to share perspectives with the EPA.
2. Webinars: Informal Presentations provided by EPA on a single topic that are optional education opportunities for the Roundtable members and members of their caucuses. Webinars may include Question & Answer sections but will not include opportunities to give input to EPA.

Recommended timing of meeting or webinar	Agenda topic	Why this topic matters	Purpose of the agenda topic	Estimated publishing date of related document(s)
Webinar 3, Jan. 6	Where is the cleanup now and where are we going?	Capacity building – the Record of Decision (ROD) is the starting point for the design.		
Public meeting Feb. 17 (Not a Roundtable-only meeting but likely interest from Roundtable members)	Explanation of Significant Difference (ESD) regarding cPAHs	Information about how the cleanup might change, considering the new information about cPAHs being less toxic than previously thought.	Opportunity for public commenters to hear more information prior to commenting.	Explanation of Significant Difference (ESD) released in January 2021

Recommended timing of meeting or webinar	Agenda topic	Why this topic matters	Purpose of the agenda topic	Estimated publishing date of related document(s)
Spring Roundtable meeting (March 31?), 2021 or later)	Phase I Pre-Design Investigation Data Evaluation Report for Upper Reach	This draft report summarizes Phase 1 (2020) sampling results and other site data relative to Record of Decision (ROD) action levels and provides an initial idea of remedial boundaries for the different cleanup methods	Status update and overview of EPA's comments to Lower Duwamish Waterway Group (LDWG)	February 10, 2021 – EPA will accept written comments on this draft until March 10 (closed by time Roundtable meets).
	Quality Assurance Project Plan (QAPP) for Phase 2 Pre-Design Investigation sampling for Upper Reach	The draft Quality Assurance Project Plan (QAPP) describes sampling proposed by Lower Duwamish Waterway Group (LDWG) for Phase 2	Status update and opportunity to give input to EPA	March 12, 2021 – EPA will accept written comments on this draft until April 12.
	Other topics suggested by Steering Committee (SC) and agreed to by EPA (see Attachment B for ideas): -Review draft Roundtable Work Plan	The Roundtable should have the opportunity to bring forward site-related discussions relevant to the members.	Roundtable members can discuss issues and solutions with each other and EPA.	

Recommended timing of meeting or webinar	Agenda topic	Why this topic matters	Purpose of the agenda topic	Estimated publishing date of related document(s)
Roundtable meeting Fall 2021	Carbon Amendment Pilot – Year 3 report	Report will make a recommendation about the benefits of adding activated carbon to Enhanced Natural Recovery (ENR). EPA may require this in Upper Reach and/or in later cleanup phases (if additional data are needed).	Based on the report, give input to EPA on the following options: incorporate Carbon Amendment in Enhanced Natural Recovery (ENR) for the Upper Reach, have Lower Duwamish Waterway Group (LDWG) get more data to make the decision in time for later phases, or decide not to use carbon in Enhanced Natural Recovery (ENR) at LDW at all?	March 23, 2021
	Phase 2 Fieldwork Summary	This topic keeps the Roundtable informed on where sampling was done and what results are. This fieldwork will inform where clean up actions take place.	Report back on what Phase 2 fieldwork was done over the summer and when reports will be available	Field work starts only after Quality Assurance Project Plan (QAPP) is approved by EPA. Field dates are uncertain and depend on the work to be done, logistics, and suitable site conditions.
	Tiering Decisions	EPA decides what tiered analysis will be done based on Quality Assurance Project Plan (QAPP) and initial results.	Keep Roundtable members up to date with Phase 2 fieldwork and describes/shares data, as available.	If Quality Assurance Project Plan (QAPP) includes a tiered decision process, the timing may not allow for Roundtable input to tiering. Quality Assurance Project Plan (QAPP) will make tiering criteria as clear as possible.

	Other topics suggested by Steering Committee (SC) and agreed to by EPA (see Attachment B for ideas)	The Roundtable should have the opportunity to bring forward issues relevant to other members.	Roundtable members can discuss issues and solutions with each other and EPA.	
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Recommended timing of meeting or webinar	Agenda topic	Why this topic matters	Purpose of the agenda topic	Estimated publishing date of related document(s)
Meeting in May or June 2022?	Phase 2 Data Evaluation	This evaluation says what initial remedial boundaries and actions look like after Phase 2	Capacity-building.	2022
	Other topics suggested by Steering Committee (SC) and agreed to by EPA (see Attachment B for ideas)	The Roundtable should have the opportunity to bring forward discussions relevant to the members.	Roundtable members can talk to each other and/or talk to EPA.	
Meeting in mid-September 2022?	30% design	This is the initial draft design of the cleanup and the Roundtable's first opportunity to comment directly on the design.	Likely to be a combination of the opportunity to understand outlines and likely remedial actions, weigh in on concerns, ask questions about access, logistics, impacts on environment, activities, etc. and to give input to EPA about these things.	Late August 2022
	Plan future Roundtable work	Engage Roundtable members in the planning process	Identify what the Roundtable members can expect and would like to focus on in the next stage of the design (60% design)	
	Other topics suggested by Steering Committee (SC) and agreed to by EPA (see Attachment B for ideas)	The Roundtable should have the opportunity to bring forward discussions relevant to the members.	Roundtable members can discuss issues and solutions with each other and EPA.	

Attachment A: Anticipated Site Milestones in 2021-2022

The details below regarding anticipated milestones at the Lower Duwamish Waterway Superfund Site are background information that informs the draft work plan starting on page 2. The milestones are contingent on other project events, and dates may change.

Explanation of Significant Difference (ESD) for carcinogenic polycyclic aromatic hydrocarbons (cPAHs)

1. January 2021: EPA releases a draft ESD. EPA leads period where public input is welcomed for EPA to consider.
2. February 2021: Public Question and Answer Session, open to Roundtable members, to help members of the public ask questions to support their input to EPA.
3. February 2021: End public input period.
4. TBD: EPA integrated public input into the Explanation of Significant Difference (ESD).
5. TBD: Final approval of Explanation of Significant Difference (ESD) – modified if necessary (5-month process?)

Remedial Design

1. February 10, 2021 – Data evaluation report – first draft
2. March 12, 2021 – first draft Quality Assurance Project Plan (QAPP) amendment for Phase 2 work
 - a. Structures – how to assess what is under them?
 - b. Dredge areas and depth sampling
 - c. Any additional sampling to outline action areas
 - d. Biological testing
 - e. Geotechnical data
3. Approximately June – August 2021 - Field work duration and timing to be determined
4. Lab results and tiering decisions (if any)
5. January 2022 - Data report
6. May 2022 - draft Data Evaluation Report
7. August 2022 – Remedial Design 30%

Carbon Amendment Pilot Study Year 3 Results and Next Steps

1. January 18, 2021 – Year 3 data report is DUE TO EPA - 90 days after monitoring event complete (includes SPME, sediment, tissue, and benthic taxonomy data) (not Roundtable materials)
2. January 27, 2021 – Preview results and findings. Discussion with EPA and Ecology on Pilot Study data and initial findings
3. March 23, 2021 – Year 3 Monitoring Report DUE TO EPA (90 days after all validated data become available)
4. Next Steps – EPA will decide whether to get more data, incorporate carbon amendment into Enhanced Natural Recovery (ENR) areas in the Upper Reach, or to not incorporate carbon amendment into Enhanced Natural Recovery (ENR) for LDW.

Attachment B: Additional Superfund-Related Topics for Roundtable Consideration

Below are topics that EPA identified as potentially relevant for Roundtable discussion. Some topics are related to the overall Superfund process others are directly or indirectly connected to Remedial Design and/or Remedial Action.

The Roundtable can suggest further topics by working with the Steering Committee to bring suggestions to EPA.

- Public access
- Rail traffic
- Barge traffic
- Vessel movement
- Habitat restoration
- Jobs and training (e.g., Superfund Job Training Initiative)
- Corps of Engineering navigation dredging
- Shoreline activities
- Fishing (for issues that fall outside the Institutional Control program)