



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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June 24, 2019

David Templeton  
Anchor QEA LLC  
720 Olive Way, Suite 1900  
Seattle, WA 98101

RE: Minor Modification of Agreed Order No. DE 6735 (AO), Exhibit C – Schedule for Performances and Deliverables for Duwamish Shipyard Inc.

Dear David Templeton:

On May 20, 2019, the Washington State Department of Ecology (Ecology) approved your Public Review Draft, Remedial Investigation (RI) Report for the Duwamish Shipyard, Inc. site (Site). As stated in the approval letter, Ecology has required you to conduct supplemental RI work to further characterize the arsenic contamination in the southwest portion of the Property and perform a tributyltin (TBT) bioaccumulation study in order to determine a site-specific TBT sediment cleanup level.

Implementation of this supplemental RI work will need an adjustment of the Agreed Order (AO) Schedule for Performance and Deliverables (Exhibit C to the AO). This letter sets new timelines to complete this work and addresses other timelines to meet the AO requirements based on the current progress. The modified AO schedule is enclosed with this letter.

I look forward to continuing work with you on the cleanup of the Site. If you have any questions, feel free to contact me at (425) 649-4310.

Sincerely,

A handwritten signature in black ink, appearing to read "Jing Liu".

Jing Liu  
Site Manager  
NWRO Toxics Cleanup Program

ecc: Kim Maree Johannessen, Johannessen & Associates, P.S.  
Kyle McCleary, Duwamish Shipyard, Inc.  
Julia Fitts, Anchor QEA LLC  
Ivy Anderson, AAG  
Tamara Cardona-Marek, Ecology



**Duwamish Shipyard, Inc. Agreed Order No. DE 6735  
Exhibit C – Schedule for Performance and Deliverables (Modified June 2019)**

<b>AO DELIVERABLE</b>	<b>DUE DATE <sup>a</sup></b>
Monthly Progress Reports	Due on the 15 <sup>th</sup> of each month to Ecology
Validated data finalized and uploaded to Ecology EIM database	Due 60 calendar days following receipt of final, validated data.
Agency Review Draft Remedial Investigation (RI) Report	Due 150 calendar days following finalized data validation
Public Review Draft RI Report	Due 60 calendar days following receipt of Ecology's comments on the Agency Review draft RI Report
RI Addendum Work Plans <sup>b</sup>	Due 60 calendar days following conditional approval by Ecology on the Public Review Draft RI Report
Supplemental RI Field Activities (TBT, Arsenic Studies) <sup>b</sup>	Field sampling to be completed within 120 calendar days following Ecology's approval of the RI Addendum Work Plans
Draft RI Addendum: Arsenic Characterization Study Memorandum	Due 60 calendar days following receipt of final, validated data collected as part of the Arsenic Study
Final RI Addendum: Arsenic Characterization Study Memorandum	Due 30 calendar days after receipt of Ecology's comments on the Draft RI Addendum: Arsenic Characterization Study Memorandum
Agency Review Draft Upland Feasibility Study (FS)	Due 45 calendar days following Ecology's approval of the RI Addendum: Arsenic Characterization Study Memorandum
Public Review Draft Upland FS Report	Due 60 calendar days following Ecology's comments on the Agency Review Draft Upland FS Report
Draft RI Addendum: Tributyltin Bioaccumulation Study Memorandum	Due 60 calendar days following receipt of final, validated RI Addendum: Tributyltin Bioaccumulation Study bioaccumulation test data
Final RI Addendum: Tributyltin Bioaccumulation Study Memorandum	Due 30 calendar days after receipt of Ecology's comments on the Draft RI Addendum: Tributyltin Bioaccumulation Study Memorandum

<b>AO DELIVERABLE</b>	<b>DUE DATE <sup>a</sup></b>
Agency Review Draft Sediment FS	Due 90 calendar days following Ecology's approval of the RI Addendum: Tributyltin Bioaccumulation Study Memorandum
Public Review Draft Sediment FS	Due 45 calendar days after receipt of Ecology's comments on the Agency Review Draft Sediment FS
Final RI Report, Upland FS and Sediment FS	Due 60 calendar days following Ecology's request for final reports

*<sup>a</sup> Due dates shown are for initial draft and final deliverables. This schedule assumes only a single revised document will be submitted following receipt of comments from Ecology. Documents become final only upon approval by Ecology.*

*<sup>b</sup> Supplemental RI groundwater sampling (arsenic source evaluation) will be detailed in a RI Addendum: Arsenic Characterization Study Work Plan, distinct from the sediment TBT study, which will be detailed in a separate RI Addendum: Tributyltin Bioaccumulation Study Work Plan. .*

