

CENWS-OD-TS-NR-DMMO

MEMORANDUM FOR: RECORD

March 2, 2017

**SUBJECT:** VOLUME REVISION FOR EMERALD KALAMA CHEMICAL (NWS-2016-192), KALAMA, WASHINGTON FOR OPEN-WATER FLOW-LANE DISPOSAL IN THE COLUMBIA RIVER.

1. This memorandum supplements the 6 January 2016 suitability determination and reflects the consensus decision on the part of the Dredged Material Management Program (DMMP) agencies (U.S. Army Corps of Engineers, Washington Departments of Ecology and Natural Resources, and the Environmental Protection Agency) regarding a proposed volume increase for Emerald Kalama Chemical dredging and disposal from 1,600 cubic yards (cy) to 4,800 cy over 10 years.
2. The original volume of 1,600 cy was based on the need for a single dredging event within DMMU 1. Emerald Kalama Chemical subsequently decided to apply for a permit to dredge up to 4,800 cy over 10 years.
3. The DMMP agencies reviewed the project and testing requirements for a moderate ranked project on the Columbia River, and determined that the sediment characterization documented in the 2016 suitability determination is sufficient to increase the volume to 4,800 cy. The maximum sediment volume represented by each DMMU for a moderate ranked project on the Columbia River is 40,000 cy.
4. The recency period for this project does not change. The data used in this determination are valid through August 2020. A new suitability determination must be obtained for any dredging that occurs after August 2020.
5. In summary, based on the evaluation of the modified project, the DMMP agencies have concluded that **all 4,800 cubic yards are suitable** for open-water disposal in the Columbia River.

*A pre-dredge meeting with DNR, Ecology, EPA and the Corps of Engineers is required at least 7 days prior to dredging. A dredging and disposal quality control plan must be developed and submitted to the Regulatory Branch of the Seattle District Corps of Engineers at least 7 days prior to the pre-dredge meeting. Dredging, positioning, and disposal will all need to be addressed with enough detail to provide assurance to the agencies that the dredge plan will be properly implemented.*

*A Portland District Corps of Engineers agreement must be acquired for open-water disposal. Disposal at the selected flowlane site must be in accordance with Portland District procedures.*

This volume revision does **not** constitute final agency approval of the project. During the public comment period that follows a public notice, the resource agencies will provide input on the overall project. A final decision will be made after full consideration of agency input, and after an alternatives analysis is done under section 404(b)(1) of the Clean Water Act

6. Agency Signatures.

The signed copy is on file in the Dredged Material Management Office

Concur:

\_\_\_\_\_  
Date Kelsey van der Elst – U.S. Army Corps of Engineers, Seattle District

\_\_\_\_\_  
Date Justine Barton - Environmental Protection Agency

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Date Laura Inouye, Ph.D. - Washington Department of Ecology

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Date Celia Barton - Washington Department of Natural Resources

Copies furnished:

DMMP signatories  
Danette Guy – USACE, Seattle District Regulatory  
Lynn Simpson – Ecological Land Services  
Chris Wrobel – Emerald Kalama Chemical