

MEMORANDUM FOR: RECORD

June 11, 2014

SUBJECT: VOLUME REVISION FOR THE SEATTLE PUBLIC UTILITIES CHESTER MORSE LAKE PUMP PLANT PROPOSED DREDGING WITH UNCONFINED OPEN-WATER DISPOSAL WITHIN CHESTER MORSE LAKE (NWS-2014-247-WRD).

1. This memorandum supplements the 27 February 2014 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 the subject project dredging and disposal from 4,200 cubic yards (cy) to 6,000 cy.
2. The original volume of 4,200 cy was based on project designs submitted with the original permit application. Subsequent to sediment characterization, a scour analysis was conducted that showed that erosion at the channel bottom was a potential concern. To address this concern, design changes call for a slightly deeper channel to allow for placement of pre-cast concrete armoring. Revisions include over-excavation of approximately 6 inches between Station 18+00 to Station 5+00 with the same final bottom elevation of approximately EL 1532 as originally planned.
3. Seattle Public Utilities submitted a request to the Corps Regulatory office on 14 May 2014 for an increase in dredging and disposal volume, among other changes. The DMMP agencies agree that the requested volume increase is permissible without additional sampling and testing due to the following:
 - a. No change in dredge footprint from the initial evaluation; volume increase is in subsurface sediments not likely exposed to any potential new contamination sources.
 - b. Initial evaluation (see [27 February 2014 SD](#)) determined that all tested material was suitable for open-water disposal in the proposed location.
 - c. Proposed increase would not have changed the amount of sampling originally conducted, per DMMP guidelines.
4. For further information on design modifications, contact the Regulatory Branch at (206) 764-3495 and reference Public Notice # NWS-2014-247-WRD.

signed document on file in the DMMO office

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