

MEMORANDUM FOR RECORD

SUBJECT: DETERMINATION ON THE SUITABILITY OF PROPOSED DREDGED MATERIAL FROM THE BASIN AND CHANNEL PROPERTY OWNERS ASSOCIATION PROPOSED DREDGING PROJECT AT TAHUYA, HOOD CANAL, WASHINGTON, FOR BENEFICIAL USES DISPOSAL ON AN ADJACENT BEACH ((Permit # 2003-2-00812)

1, Introduction. The following summary reflects the consensus determination of the Dredged Material Management Program (DMMP) agencies (US Army Corps of Engineers, Washington Departments of Ecology and Natural Resources, and the Environmental Protection Agency) on the suitability of 1200 cubic yards of dredged sand and gravel from an existing access channel south of the confluence of Rendsland Creek and Hood Canal near Tahuya Washington (Figure 1). Suitable material is planned for nourishment of an adjacent upper intertidal area.

2. Tier 1 Analysis. The DMMP agencies conducted a Tier 1 analysis to determine if this sediment should be tested prior to placement on the adjacent beach. A Tier 1 evaluation is done for every DMMP project, and includes a comprehensive analysis of all existing information on the proposed dredging project. Only limited testing, to determine the applicability of any exclusions, is sometimes necessary for Tier 1. If the information compiled in Tier I is adequate to meet exclusionary criteria, factual determinations can be made without proceeding to the higher Tiers (Inland Testing Manual 1998).

There are no sources of chemical contamination in the vicinity of the project and no known spills of any kind. The area to be dredged is an existing access channel. The access channel was previously dredged in 1994.

To assist in the Tier 1 evaluation for this project, additional grain size data was requested. When completed, the Tier 1 evaluation found that the proposed dredged material met federal criteria, under the Clean Water Act (40 CFR 230.60), for exclusion from further testing. In most areas of Puget Sound the Tier 1 analysis leads to chemical sampling under Tier 1. But in this case the Tier 1 evaluation showed considerable evidence that no further testing was necessary to determined that the material is suitable for open-water disposal, including disposal at the beneficial use site proposed.

3. Grain Size Analysis. Samples were collected from four locations and composited for one grain size analysis. The sediment was found to be 98 percent sand and gravel.

	Sample 1
Gravel (percent)	5.52
Sand (percent)	93.28
Silt (percent)	0.8
Clay (percent)	0.4

4. Suitability. This memo documents the suitability of proposed dredged sediments for open water disposal, including placement on the adjacent upper intertidal area. The data gathered were deemed sufficient and acceptable for regulatory decision-making under the DMMP program. Based on the results of the described evaluation, the DMMP agencies concluded that all 1200 cubic yards are suitable for open water disposal.

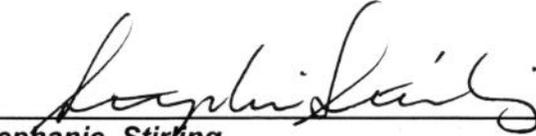
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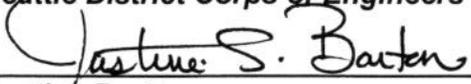
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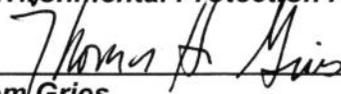
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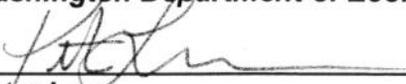
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