CENWS-OD-TS-DM

MEMORANDUM FOR RECORD 31 August 2006

SUBJECT: SUPPLEMENTAL VOLUME REVISION ON THE SUITABILITY OF PROPOSED MAINTENANCE DREDGED MATERIAL FROM THE BRIDGEHAVEN COMMUNITY CLUB MARINA ENTRANCE CHANNEL, HOOD CANAL (2002-2-00825), FOR DISPOSAL AT THE PORT TOWNSEND DISPERSIVE SITE.

1. **Introduction**. The following volume revision supplements the initial 16 January 2003 suitability determination and 4 October 2004 Volume revision, and reflects the consensus determination of the Agencies that comprise the regional Dredged Material Management Program (DMMP) for the State of Washington. The agencies include the Corps of Engineers, Department of Ecology, Department of Natural Resources, and the Environmental Protection Agency. The initial characterization and suitability determination evaluated a proposed dredged material footprint of up to 4,000 cubic yards of material from the entrance channel with disposal at the Elliott Bay disposal site. The volume was revised to 7,000 cy with the 4 October 2004 volume revision.

2. Due to project delays, the volume within the designated footprint, has now increased from 7,000 cy to approximately 9,000 cy. The project is accruing approximately 900 cy/year of additional material within the existing proposed dredging footprint. In anticipation of further delays, the applicant has asked to increase the potential volume to 11,000 cy. The purpose of this supplemental volume revision determination is to address the suitability of the volume increase relative to the initial suitability determination, which was conducted in 2002, where all the material was found suitable for unconfined open-water dispersive site disposal.

Table 1. Regulatory Tracking Information and Dates for the Initial Characterization/Suitability Determination.

SAP submittal date:	September 23, 2002
SAP Approval date:	October 9, 2002
Sampling date(s):	October 25, 2002
Sediment data characterization report submittal date:	January 14, 2003
Initial Suitability Determination date:	January 16, 2003
Initial Volume Revision date:	October 4, 2004
DAIS Tracking Number	BRIDG-1-A-F-180
Initial Suitability Determination	January 16, 2003
Recency Determination Date: Low-Moderate (7 years)	October 2009

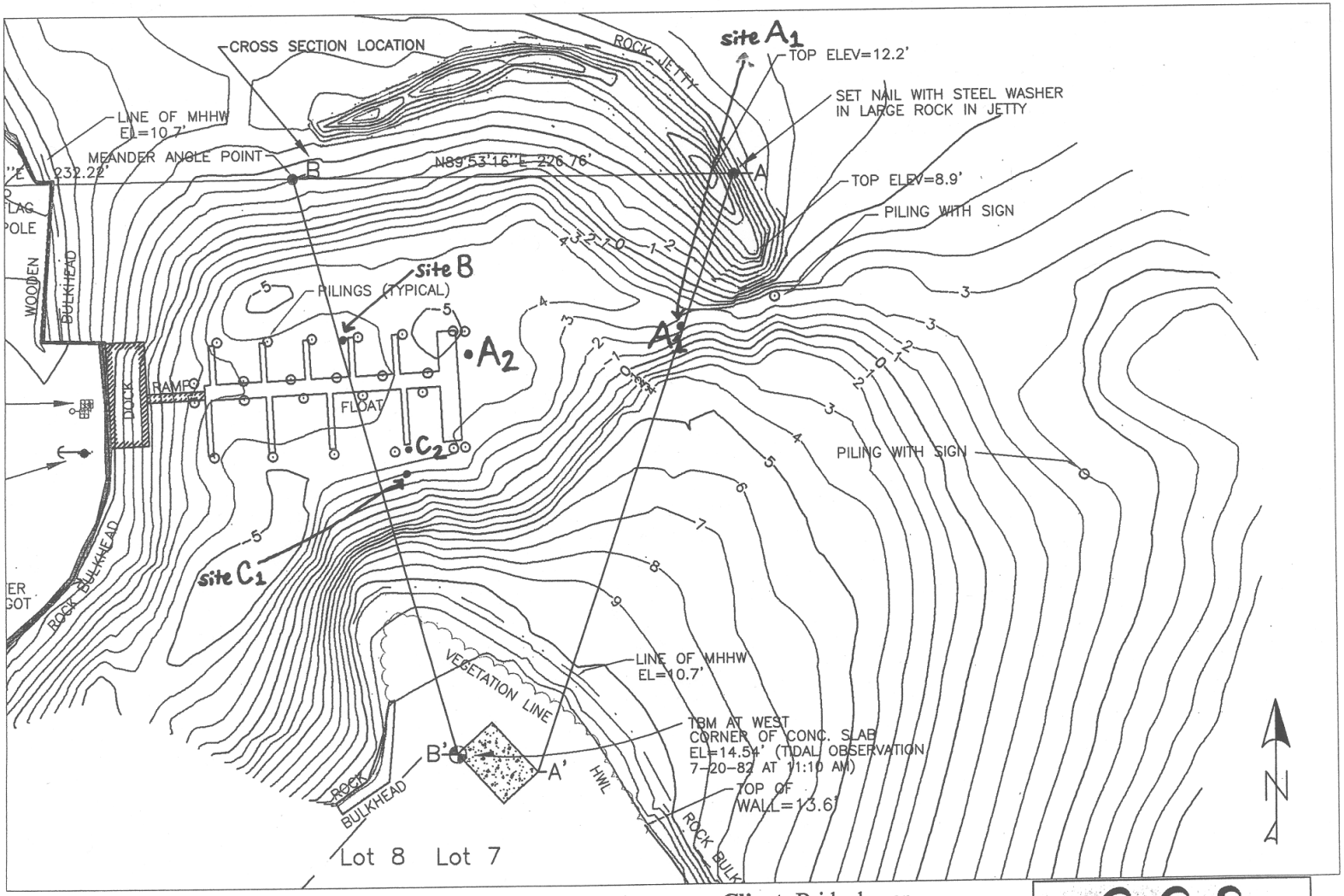
3. The project was ranked low-moderate for the initial testing purposes, and the characterization results for the single composited DMMU analyzed (Figure 1) showed that all the chemicals of concern were quantitated below the DMMP screening levels within the initial proposed dredged material footprint. A review indicates that there have been no spills or activities in the project area since the 2002 characterization that would affect the sediment quality based on best-professional-judgment.

4. The DMMP agencies concluded in the 16 January 2003 SDM that all 4,000 cubic yards of proposed dredged material were suitable for unconfined open-water disposal at either a DMMP non-dispersive or dispersive disposal site. The expanded dredged material footprint and volume of 11,000 cubic yards is depicted in Figures 2a-f. The sediments within the uncharacterized portion of the expanded footprint are contiguous with the characterized footprint, and are deemed to be of similar sediment quality based on best-professional-judgment.

5. This memorandum documents the suitability of the volume expanded dredged material footprint located within the Bridgehaven Marina for disposal at a PSDDA open-water disposal site. This determination was coordinated with the DMMP agencies and all concurred with the volume revision.

David R. Kendall, Ph. D.
Chief, Dredged Material Management Office

Copies Furnished:
Koko Cronin, Corps Regulatory Branch Project Manager
Erika Hoffman, EPA
Loree Randall, Ecology
Helen Pressley, Ecology
Peter Leon, DNR
DMMO File



Topography/bathymetry by: ADA Engineering LLC. Dredge volume calculations and eelgrass locations drawn by Coastal Geologic Services, Inc.
Drawn: 10/24/01; Revision 1: 11/29/01.

Scale: 1" = 70'
Existing conditions

Client: Bridgehaven Community Club Association

COASTAL GEOLOGIC SERVICES
701 Wilson Ave, Bellingham, WA 98225
Phone: (360) 647-1845.

LOCATION OF SAMPLING SITES

Figure 1