CENWS-OD-TS **15 September 1999**
Dredged Material Management Office

MEMORANDUM FOR RECORD

SUBJECT: DETERMINATION OF THE SUITABILITY OF DREDGED MATERIAL TESTED UNDER DMMP EVALUATION PROCEDURES FOR THE PORT OF SEATTLE, PIER 66 PROJECT (1999-2-01343), FOR DISPOSAL AT THE ELLIOTT BAY OPEN WATER DISPOSAL SITE.

1. The Port of Seattle proposes to dredge approximately 1700 cubic yards of material from the vicinity of Pier 66 in Elliott Bay. The following summary reflects the DMMP agencies (Corps of Engineers, Department of Ecology, Department of Natural Resources and the Environmental Protection Agency) consensus decision on the acceptability of the sampling plan and all relevant test data to make a determination of suitability for the disposal of the material at a PSDDA open-water disposal site.

2. The ranking for this area is "high" based on guidance provided in the Management Plan Report, Phase 11, Page A-10.

3. A sampling and analysis plan was completed for this project and approved by the PSDDA agencies on 26 April 1999. Sampling for this project was performed on 7 May 1999.

SAP approval date	26 April 1999
Sampling date	7 May 1999
Data Report submittal date	20 August 1999
Recency determination dates	May 2001

4. Surface samples were taken from three locations within the DMMU and composited for one analysis (DMMU-1). Due to the high percentage of gravel below the top one-foot in the cores, the composite sample was weighted with sediment from the top one-foot.

5. There were no exceedances of 1999 DMMP screening levels. All detection limits were below screening level.

6. The chemical analytical data were also compared to the State Sediment Management Standards, excluding the analysis of chromium. No chemicals exceeded SMS criteria. Based on this information, the DMMP agencies determined that the sediments from Pier 66 are chemically suitable for use in beneficial use projects. Sediment conventional data is included in Table 1.

7. In summary, the DMMP-approved sampling and analysis plan was followed, and quality assurance, quality control guidelines specified by the DMMP were followed. The data gathered were deemed sufficient and acceptable for regulatory decision-making under the DMMP program. Based on the results of the chemical testing, the consensus determination of the DMMP agencies is that all 1700 cubic yards from the Pier 66 site are suitable for open-water disposal.

8. This memorandum documents the suitability of proposed dredged sediments for disposal at a PSDDA open water disposal site or for beneficial use. It does not constitute final agency approval of the project. A dredging plan for this project must be completed as part of the final project approval process. A final decision will be made after full consideration of agency and public input, and after an alternatives analysis is done under section 404 (b) 1 of the Clean Water Act.

Concur:

9/21/99 ***Date***	***Stephanie Stirling*** ***Seattle District Corps of Engineers***
10/5/99 ***Date***	***Justine Barton*** ***Environmental Protection Agency, Region 10***
07OCT99 ***Date***	***Rick Vining*** ***Washington Department of Ecology***
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Table 1. Sediment Conventional Parameters

Parameter	DMMU - 1
Total Solids (%)	89.9
Total Organic Carbon (%)	0.25
Bulk Ammonia (mg/kg)	0.57
Total Sulfides (mg/kg)	91
Grain-size gravel sand silt clay	 60.4 36 2.63 0.97