CENPS-OP-DMMO

MEMORANDUM FOR RECORD

10 March 1993

SUBJECT: DETERMINATION OF THE SUITABILITY OF DREDGED MATERIAL EVALUATED UNDER PSDDA GUIDELINES FOR THE CORPS OF ENGINEERS DUWAMISH O&M 1993/94 DREDGING PROJECT FOR DISPOSAL AT THE ELLIOTT BAY OPEN-WATER DISPOSAL SITE.

1. The following summary reflects the PSDDA agencies' (Corps of Engineers, Department of Ecology, Department of Natural Resources and the Environmental Protection Agency) consensus determination, based on PSDDA evaluation guidelines, of the suitability of 29,728 cubic yards of material to be dredged from the Duwamish Waterway. This material will disposed of at the PSDDA Elliott Bay open-water disposal site during February-March 1994.

2. The proposed dredging area is from station 258 to station 276 on the Upper Duwamish Waterway. Based on chemical testing completed in 1989, the PSDDA agencies ranked this area of the Duwamish as "low-moderate".

3. This area of the Duwamish was tested in 1989 and again in 1990/91. The recency window for a low-moderate area is 5-7 years before retesting. For this reason, the frequency guideline applies (Evaluation Procedures Technical Appendix, Phase I, page II-44-45). This guideline stipulates that two rounds of testing must be completed in the first two dredging cycles to establish a trend for the area. Full analysis will be required at the end of the 5-7 year recency window. Based on the frequency guideline, testing is not required for this round of dredging.

4. A low-moderate ranked area is one in which there are few sources of chemicals of concern. No activities (such as spill events) have been reported which would have altered conditions since the 1990/91 sediment characterization.

5. The PSDDA agency consensus is that all 29,728 cubic yards proposed for dredging from the Upper Duwamish are suitable for disposal at the Elliott Bay open-water disposal site.

6. This memorandum documents the suitability of proposed dredged sediments for disposal at a PSDDA open-water disposal site based on PSDDA evaluation guidelines. It does not constitute final agency approval of the project. A public notice will be issued for this project. During the public comment period which 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.

CENPS-OP
Duwamish O&M

Concur:

3/26/93
Date

David Kendall, Ph.D
Seattle District Corps of Engineers

3/26/93
Date

Stephanie Stirling
Seattle District Corps of Engineers

3/26/93
Date

Justine Barton/John Malek
Environmental Protection Agency, Region X

3/29/93
Date

Rick Vining
Washington Department of Ecology

26 March 1993
Date

Gene Revelas
Washington Department of Natural Resources

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EPA/Justine Barton
DOE/Rick Vining
DNR/Gene Revelas

CENPS-OP-DMMO
MEMORANDUM FOR RECORD

5 October 1993

SUBJECT: ADDENDUM TO THE DETERMINATION OF THE SUITABILITY OF DREDGED MATERIAL EVALUATED UNDER PSDDA GUIDELINES FOR THE CORPS OF ENGINEERS DUWAMISH O&M 1993/94 FOR DISPOSAL AT THE ELLIOTT BAY OPEN-WATER DISPOSAL SITE OR APPROPRIATE BENEFICIAL USE.

1. A suitability determination on this project was completed by the PSDDA agencies on 10 March 1993. The SDM evaluated the suitability of 29,728 cubic yards of sediment for open-water disposal at the Elliott Bay site. At that time, the agencies determined that material from the Duwamish waterway from station 258 to station 276 was not subject to further testing for this round of dredging due to recency and frequency guidelines for an area of this rank. There has been no changed condition in the waterway since the previous suitability determination.

2. The estimated volume for this project is now between 25,000 and 60,000 cubic yards. Due to sediment deposition cycles in the Duwamish, the exact volume will not be known until immediately prior to dredging. The projected increase in volume is not subject to testing, based upon the criteria outlined in paragraph 3 in the original SDM.

3. This memorandum documents the suitability of the proposed dredged sediments for disposal at a PSDDA open-water disposal site or other acceptable location (including beneficial use) based upon PSDDA evaluation guidelines. It does not constitute final agency approval of the project. A letter of notification under existing Public Notice CENPS-OP-NP-69 will be issued. A final decision will be made after an alternatives analysis is done under section 404 (b)1 of the Clean Water Act.

Concur:

10/12/93
Date

David R. Kendall
David Kendall, Ph.D
Seattle District Corps of Engineers

10/6/93
Date

Stephanie Stirling
Stephanie Stirling
Seattle District Corps of Engineers

10/25/93
Date

Justine S. Barton
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Date

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19 Oct 1993
Date

Gene Revelas
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