

CENPS-OP-DMMO

MEMORANDUM FOR RECORD

1 April 1991

**SUBJECT: DECISION ON THE SUITABILITY OF DREDGED MATERIAL TESTED UNDER PSDDA CRITERIA FOR THE PORT OF SILVERDALE EXPANSION PROJECT (OYB-2-013701) TO BE DISPOSED OF AT THE PSDDA OPEN-WATER DISPOSAL SITE IN ELLIOTT BAY.**

1. The following summary reflects the PSDDA agencies' (Corps, 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 of the 21,000 cubic yards of material proposed for dredging from the Port of Silverdale project site for disposal at the PSDDA open-water site in Elliott Bay.
2. The PSDDA-approved sampling and testing plan was followed, and quality assurance/quality control guidelines specified by PSDDA were generally complied with. The data gathered were deemed sufficient and acceptable for regulatory decision-making under the PSDDA program.
3. Two dredged material management units were characterized. Both of these units consisted of composited surface sediments, with a maximum proposed dredging depth of 5.6 feet. Samples comprising these composites were taken at six field sampling locations, with sediment from three locations combined for each laboratory analysis.
4. Chemistry data indicated that no detected exceedances of the 1989 PSDDA screening levels (SL) occurred for either of the two analyses. There were also no detection limits reported above SL.
5. Based on the chemistry results no bioassays were required.

6. Based on an analysis of the chemical results for the Port of Silverdale project, the PSDDA agencies concluded that all 21,000 cubic yards of proposed dredged material were suitable for unconfined open-water disposal at either a PSDDA dispersive site or nondispersive site.

Concur:

April 2, 1991  
Date

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

April 1, 1991  
Date

David J. Fox  
David Fox  
Seattle District Corps of Engineers

April 2, 1991  
Date

John Malek  
John Malek  
Environmental Protection Agency, Region X

April 4, 1991  
Date

Russ McMillan  
Russ McMillan  
Washington Department of Ecology

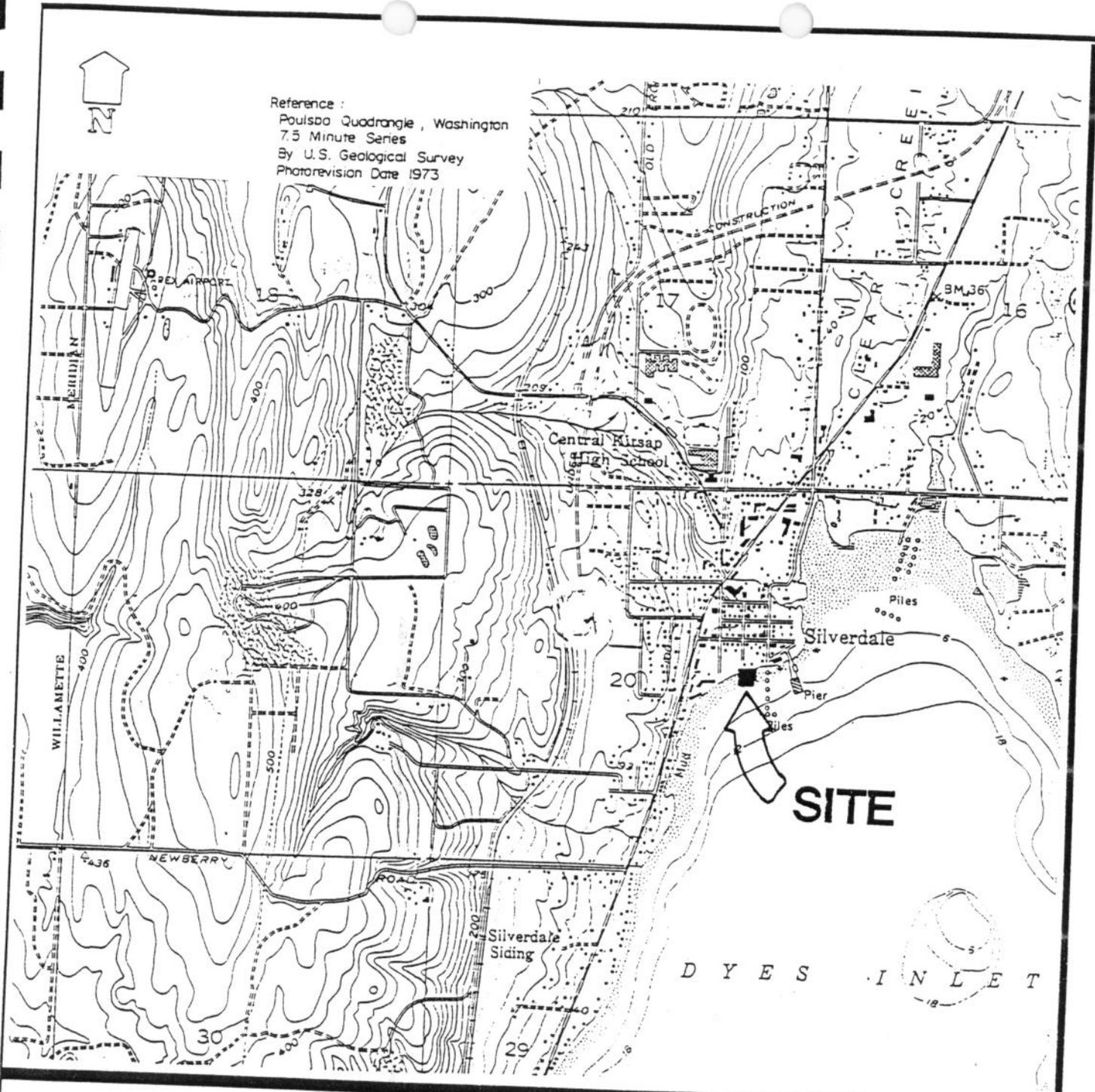
April 4, 1991  
Date

Betsy Striplin  
Betsy Striplin  
Washington Department of Natural Resources

Copies Furnished:

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Reg file/Arlis Winther/CENPS-OP-RG

BPA/John Malek  
DOE/Russ McMillan  
DNR/Betsy Striplin



Regional Map Showing Location of Site  
 Port of Silverdale  
 Silverdale, Washington

Figure 1

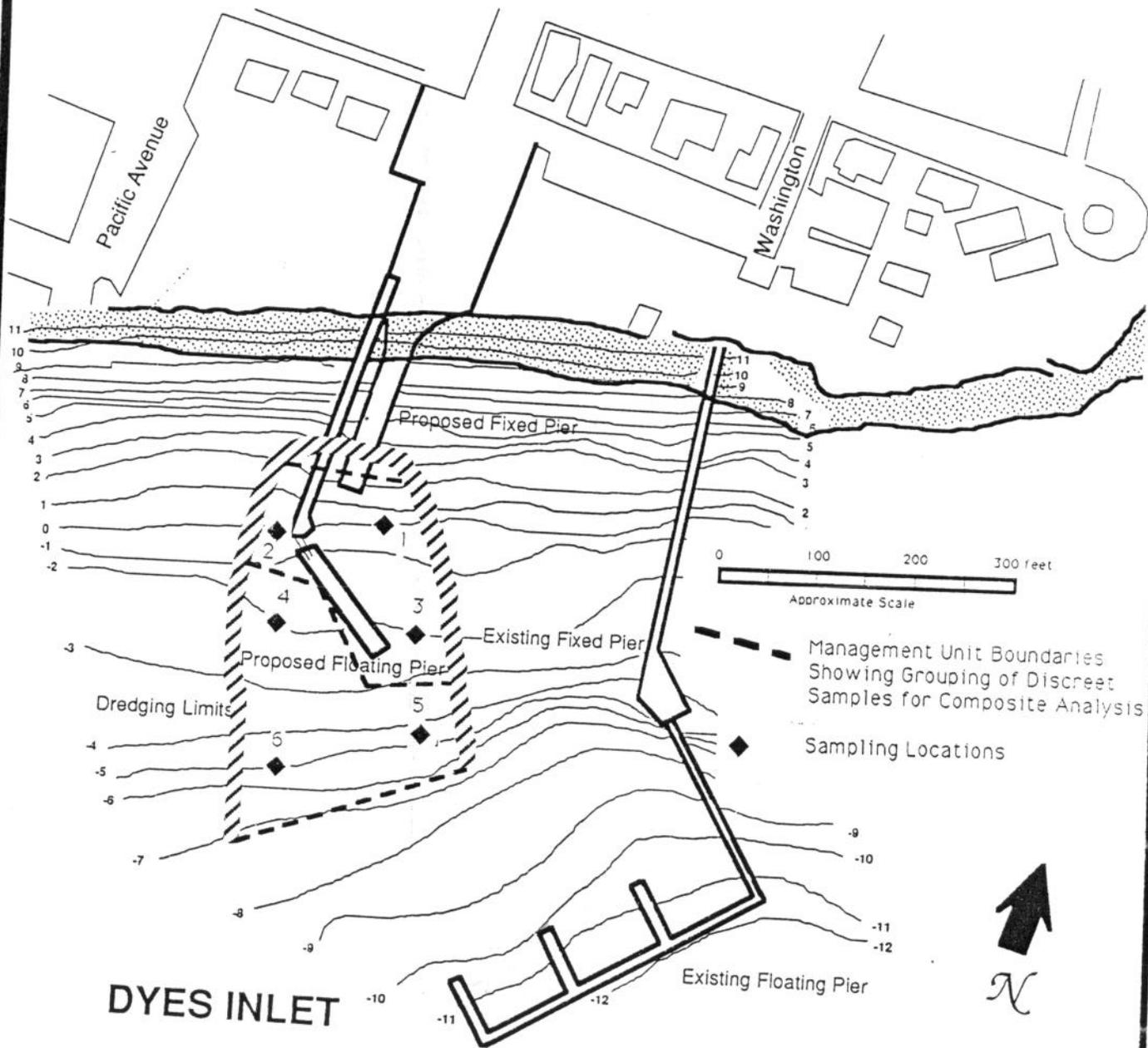
(Adapted from map of site in "Geotechnical Engineering Study,  
 Phase II, Proposed Waterfront Development, Port of Silverdale."  
 Earth Consultants, Inc., October 23, 1989)

Date: 7/5/90

Drawn by: KSG

Project No. 900615

*enviros*



Site Map Showing Dredge Limits and Sampling Locations.

Port of Silverdale  
Silverdale, Washington

(Adapted from map of site in "Geotechnical Engineering Study, Phase II, Proposed Waterfront Development, Port of Silverdale." Earth Consultants, Inc., October 23, 1989 and modified as per site observations during field work. Locations and Scale are approximate.)

Drawn by: KSG, 8/16/90;  
Modified by: TJC & FNL, 3/4/91

Project No. 900615

Figure 2

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