

4 April 1991

SUBJECT: DECISION ON THE SUITABILITY OF DREDGED MATERIAL TESTED UNDER PSDDA CRITERIA FOR THE KEYSTONE HARBOR CHANNEL DEEPENING PROJECT TO BE DISPOSED OF AT THE PORT TOWNSEND PSDDA OPEN-WATER DISPOSAL SITE.

1. The following summary reflects the PSDDA agencies' (Corps, Department of Ecology, Department of Natural Resources and the Environmental Protection Agency) consensus decision on all relevant test data to make a determination of suitability of the 48,000 cubic yards of material proposed for dredging from the Keystone project site for disposal at the Port Townsend PSDDA open-water site.
2. PSDDA-approved sampling and testing protocols were 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. Seven dredged material management units in two subareas were characterized. All sediments were considered surface sediments with proposed dredging depths generally ranging between three and six feet. Subarea I was ranked high (based on a high phenol spike during previous testing), so its 24,000 cy of proposed dredged material were characterized by six analyses with no compositing. Subarea II was ranked low-moderate, and its 24,000 cy of proposed dredged material was characterized by three samples composited into one analysis.
4. Chemistry data indicated that no detected exceedances of the 1989 PSDDA screening levels (SL) occurred for any of the seven 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 Keystone project, the reviewing PSDDA agencies concluded that all 48,000 cubic yards of proposed dredged material were suitable for unconfined open-water disposal at either a PSDDA dispersive site or nondispersive site.

Concur:

4/4/91
Date

Linda Cox
Linda Cox
Seattle District Corps of Engineers

4 April 1991
Date

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

SUITABILITY DECISION/KEYSTONE HARBOR CHANNEL DEEPENING PROJECT 4/91

4 April 1991
Date

David F. Fox
David Fox
Seattle District Corps of Engineers

4 April 1991
Date

Justine D. Smith
Justine Smith
Environmental Protection Agency, Region X

10 April 1991
Date

Russ McMillan
Russ McMillan
Washington Department of Ecology

16 April 1991
Date

Betsy Striplin
Betsy Striplin
Department of Natural Resources

Copies Furnished:

DMMO file/CENPS-OP
Frank Urabeck/CENPS-EN-PL-PF
Linda Cox/CENPS-EN-PL-ER
Joanne Green/CENPS-EN-PL-PF

EPA/Justine Smith
DOE/Russ McMillan
DNR/Betsy Striplin

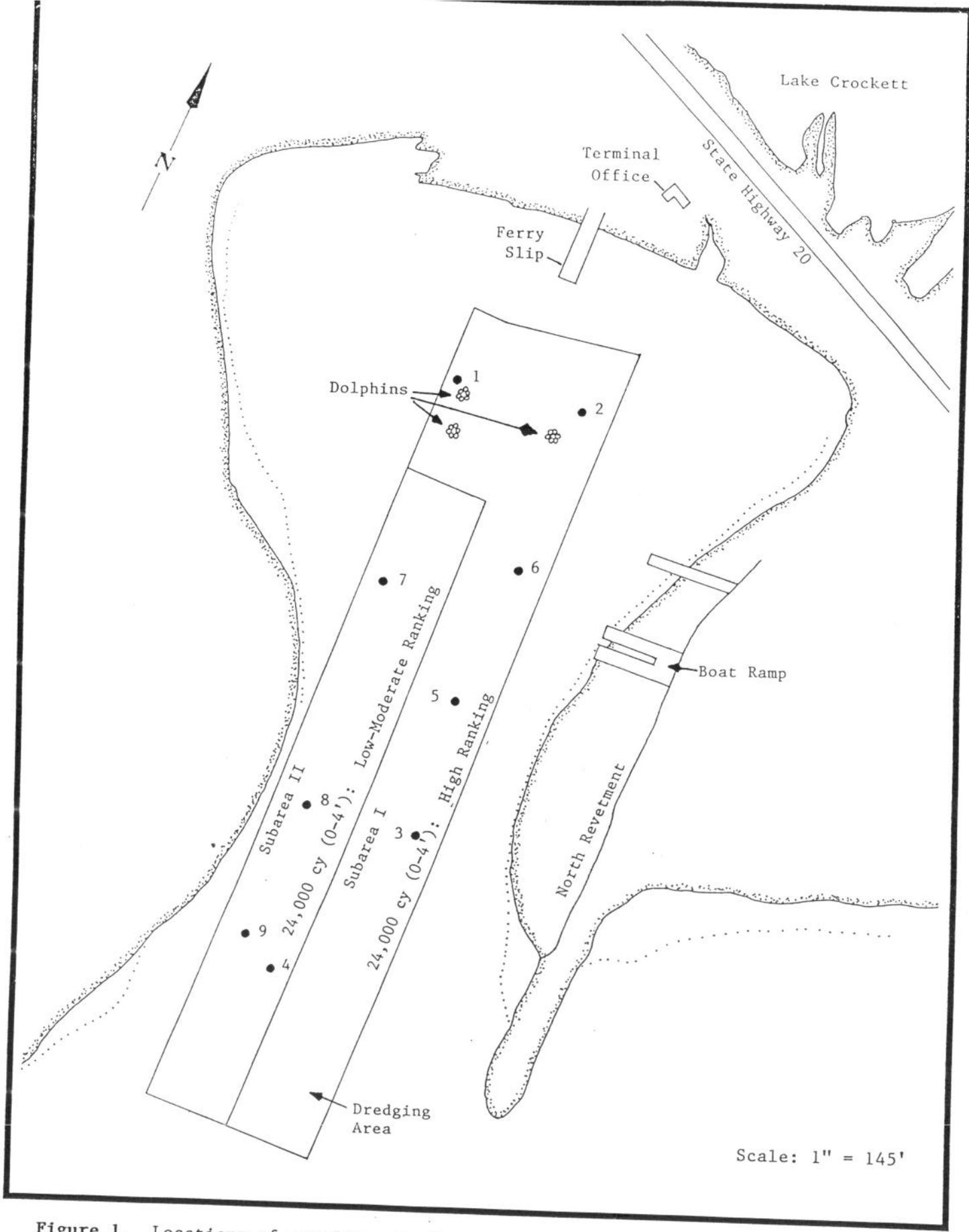


Figure 1. Locations of sampling stations within the Keystone Dredging Area. The shoreline is drawn at an elevation of approximately 1 to 2 feet above sea level. The dashed line is an approximate contour of zero depth (MLLW).