

24 January 1990

SUBJECT: DECISION ON THE SUITABILITY OF DREDGED MATERIAL TESTED UNDER PSDDA CRITERIA FOR THE BLAINE MARINA EXPANSION (PORT OF BELLINGHAM)(OYB-2-012935) TO BE DISPOSED OF AT THE ROSARIO STRAITS DISPERSIVE OPEN WATER DISPOSAL SITE.

1. The following summary reflects the PSDDA agencies (Corps, Department of Ecology, and the Environmental Protection Agency) consensus decision on the acceptability of the sampling plan and all relevant test data (i.e., contained in report dated December 14, 1989) to make a determination of suitability of the 358,000 cubic yards of material proposed for dredging from the Blaine Harbor Marina Expansion Project site for disposal at a PSDDA disposal site.
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. Chemistry data from the ten composited samples indicated that there were no exceedences of the 1988 PSDDA screening level (SL) values. Comparison of these data with the Phase II SL guidelines indicated that for 3 of the 10 analyses detection limits for pentachlorophenol (PCP) slightly exceeded the 1989 SL of 69 ppb (i.e., 70, 73, and 77 ppb (undetected)). A review of earlier test results obtained in 1986 from the same general area indicated that PCP was well below the 1989 SL, with the highest PCP value recorded at 6 ppb (reported as undetected). Site use and history do not indicate a spill or other incident have occurred which could have increased levels of this chemical. The weight of evidence strongly indicates that PCP is not a problem chemical and that PCP concentrations within the project area are generally well below the 1989 SL values. Based on the chemistry results no bioassays were required. In general, all the material tested passed the more restrictive disposal guidelines required for disposal at a Phase II Dispersive Site (Phase II MPR).
4. Based on the above discussion and summary of chemical results for the Blaine Harbor Marina Expansion Project area, the PSDDA agencies concluded that all the dredged material tested (358,000 cubic yards) is suitable for disposal at either a PSDDA dispersive site (i.e., Rosario Strait) or nondispersive site (i.e., Bellingham Bay).

Concur:

Feb 5, 1990
Date

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Enclosures

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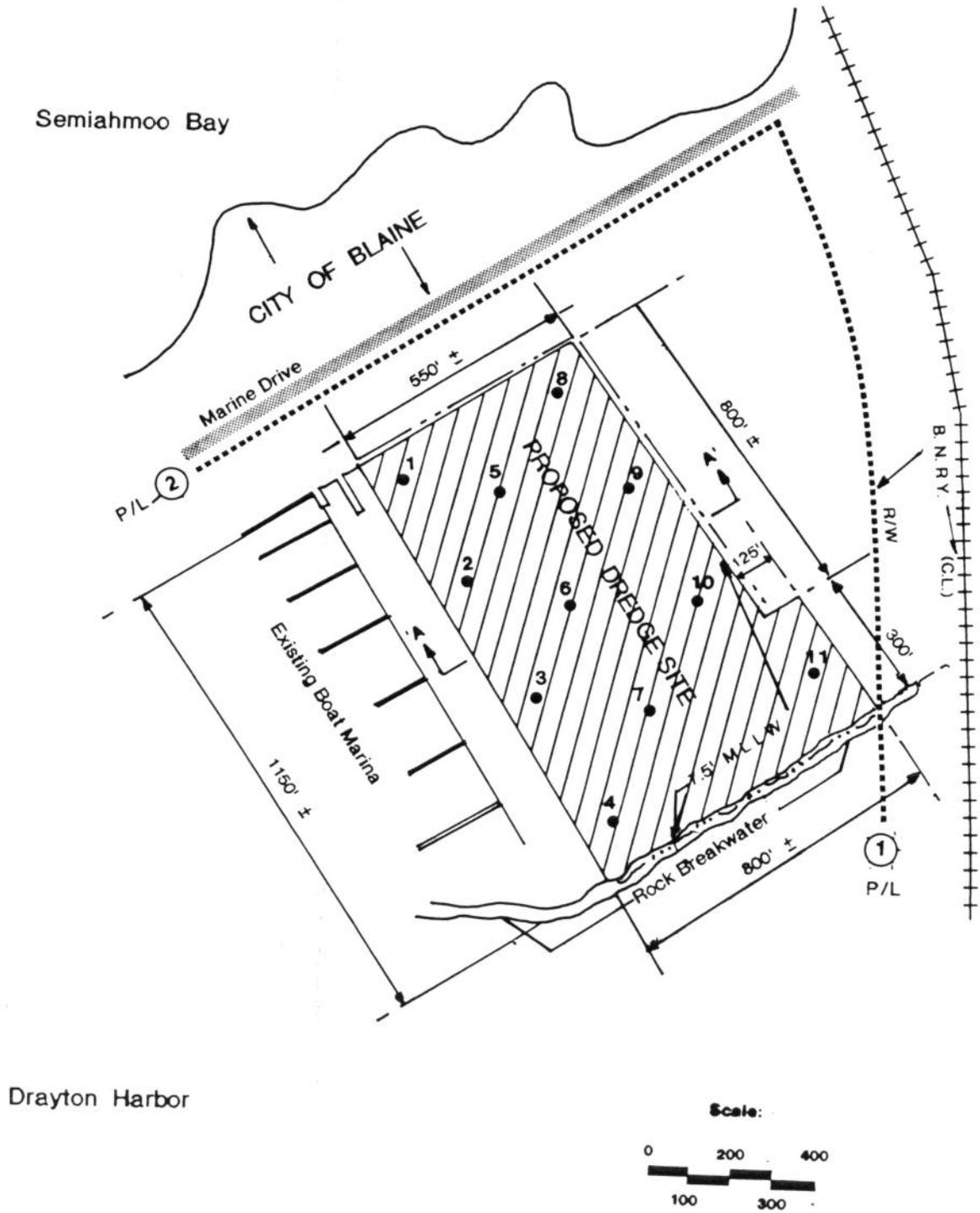


Figure 2. Sampling Locations