

7 October 1993

**SUBJECT: DETERMINATION OF THE SUITABILITY OF DREDGED MATERIAL TESTED UNDER PSDDA EVALUATION PROCEDURES FOR THE SINCLAIR INLET MARINA (91-2-00001) FOR DISPOSAL AT THE PSDDA ELLIOTT BAY OR PORT TOWNSEND OPEN WATER DISPOSAL SITE.**

1. The Sinclair Inlet Marina proposes to dredge 1,900 cubic yards of sediments from its marina at Port Orchard Washington. The following summary reflects the PSDDA 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 the PSDDA Elliott Bay or Port Townsend open-water disposal sites.
2. The ranking for the project area was "high", based on the guidance provided in the PSDDA Management Plan Report, Phase II (page A-11) for the Sinclair Inlet area.
3. A sampling and analysis plan was developed for this project and approved by the PSDDA agencies on 7 July 1993.
4. One dredged material management unit (DMMU) was characterized, with surface samples taken from two locations and composited for one analysis.
5. The chemistry data indicated that no detected exceedances of the Dredging Year 1993 PSDDA screening levels (SL) occurred. There were no detection limits reported above SL.
6. The Sinclair Inlet Marina was constructed in 1989. Since the marina was constructed after the State of Washington restricted the use of Tributyltin (TBT) in boat maintenance activity, the PSDDA agencies determined that TBT testing was not required for this marina.
7. In summary, the PSDDA-approved sampling and testing plan was followed, and quality assurance, quality control guidelines specified by PSDDA were generally complied with during testing. The data gathered were deemed sufficient and acceptable for a determination of suitability under the PSDDA program.
8. Based on the analysis of the chemical results for the Sinclair Inlet Marina, the PSDDA agencies concluded that all 1,900 cubic yards of proposed dredged material were suitable for unconfined open-water disposal at a PSDDA dispersive or non-dispersive site.
9. This memorandum documents the suitability of proposed dredged sediments for disposal at a PSDDA open-water disposal site. 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-DMMO  
Sinclair Inlet Marina  
91-2-00001

Concur:

10/14/93  
Date

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

10/17/93  
Date

Stephanie Stirling  
Stephanie Stirling  
Seattle District Corps of Engineers

10/19/93  
Date

Justine S. Barton  
Justine Barton  
Environmental Protection Agency, Region X

10/25/93  
Date

Sandra L Manning  
Sandra Manning  
Washington Department of Ecology

10/27/93  
Date

Gene Revelas  
Gene Revelas  
Washington Department of Natural Resources

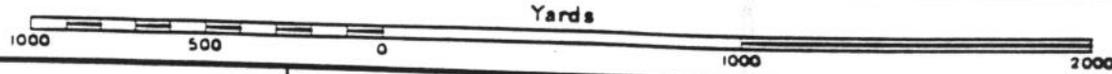
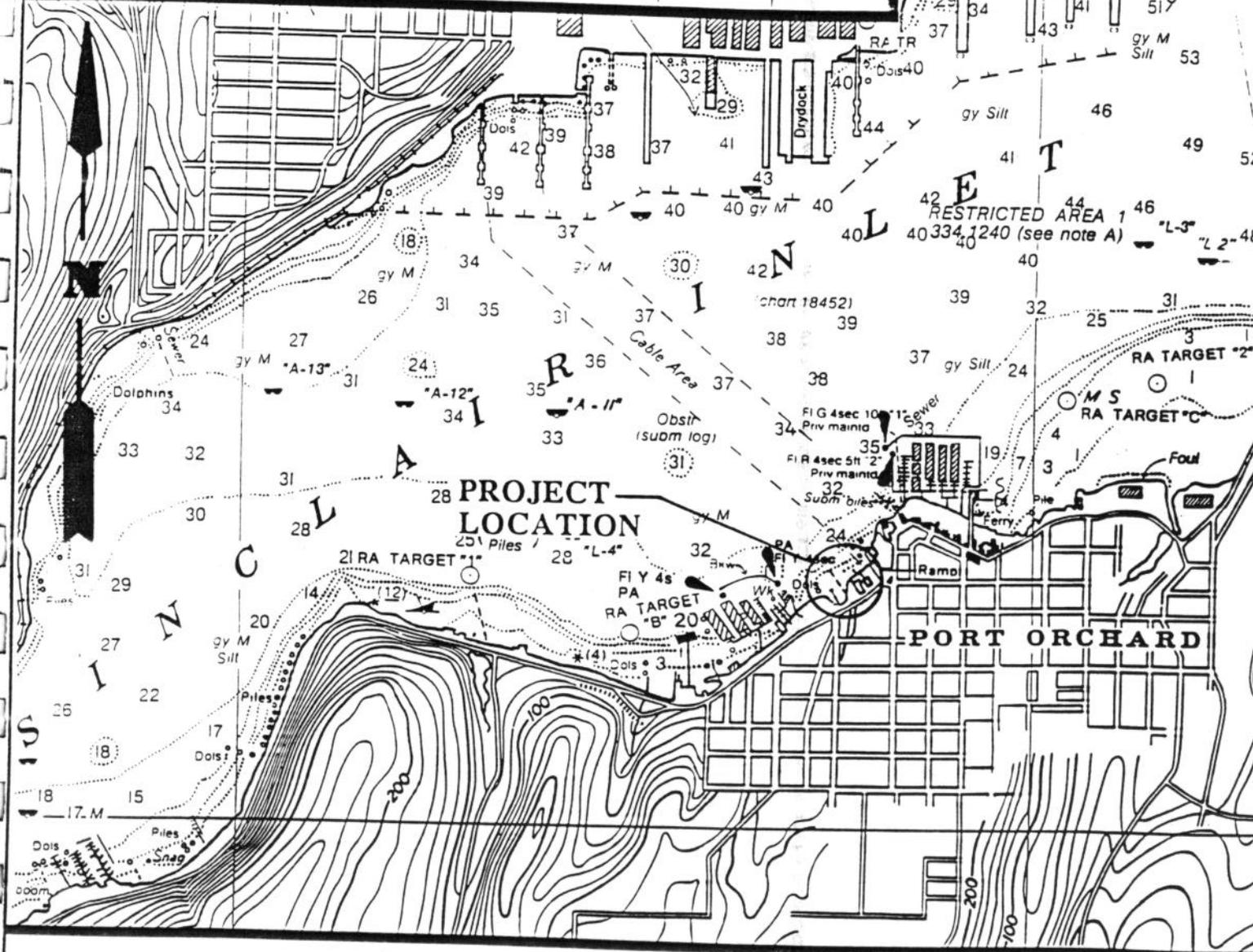
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DMMO file

EPA/Justine Barton  
DOE/Sandra Manning  
DNR/Gene Revelas

TIDAL INFORMATION

| Name                 | Place<br>(Lat/Long) | Height referred to datum of soundings (MLLW) |                    |                   |                      |
|----------------------|---------------------|--|--------------------|-------------------|----------------------|
|                      |                     | Mean Higher<br>High Water                    | Mean<br>High Water | Mean<br>Low Water | Extreme<br>Low Water |
| Port Blakely         | (47°36'N/122°30'W)  | 11.5   | 10.6               | 2.8               | -4.5                 |
| Brownsville          | (47°39'N/122°37'W)  | 11.7   | 10.8               | 2.8               | -4.5                 |
| Bremerton            | (47°33'N/122°38'W)  | 11.7   | 10.8               | 2.8               | -4.5                 |
| Seattle, Elliott Bay | (47°36'N/122°20'W)  | 11.4   | 10.5               | 2.8               | -4.5                 |

PROJECT LOCATED AT  
 LAT. 47° 32' 28" N  
 LONG. 122° 38' 43" W



**PURPOSE:**  
 MAINTAIN WATER DEPTH FOR  
 BOAT MOORAGE AT EXISTING  
 SLIPS

**DATUM:** 0.0' M.L.L.W.

**ADJACENT PROPERTY OWNERS:**  
 1) CITY OF PORT ORCHARD  
 2) KENNETH BLAKE

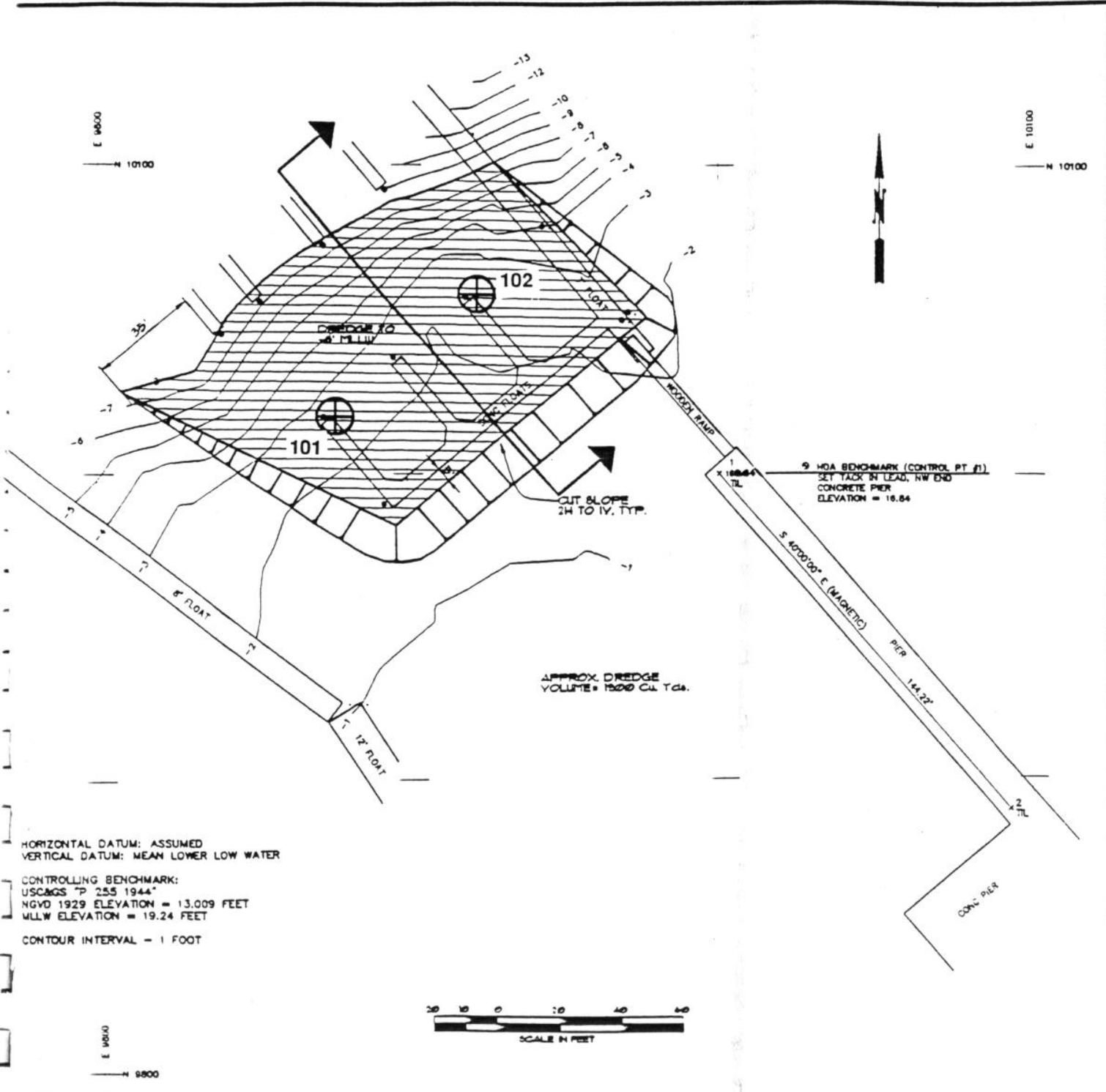
Figure 1 Area map.

SCALE AS NOTED

W. J. TIERRIAN  
 501 BAY STREET  
 PORT ORCHARD, WA. 98336

**PROPOSED:** DREDGE APPROX.  
 1900 Cu. Yds. OF SEDIMENT  
 FROM MOORAGE AREA TO EL. -8  
 IN SINCLAIR INLET  
 AT PORT ORCHARD, WA.

**APPLICATION BY:**  
 W. J. TIERRIAN  
 501 BAY ST. PORT ORCHARD, WA  
 SHEET 1 of 3 DATE: 4/1993



HORIZONTAL DATUM: ASSUMED  
 VERTICAL DATUM: MEAN LOWER LOW WATER

CONTROLLING BENCHMARK:  
 USCAGS "P 255 1944"  
 NGVD 1929 ELEVATION = 13.009 FEET  
 MLLW ELEVATION = 19.24 FEET  
 CONTOUR INTERVAL = 1 FOOT

APPROX. DREDGE  
 VOLUME = 1900 Cu. Yds.



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**Figure 2 Project area  
 (Including surface core locations).**

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 1900 Cu. Yds. OF SEDIMENT  
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 AT PORT ORCHARD WA.

**APPLICATION BY:**  
 W. J. TIERRIAN  
 501 BAY ST. PORT ORCHARD, WA.  
 SHEET 2 of 3 DATE: 1/1993