

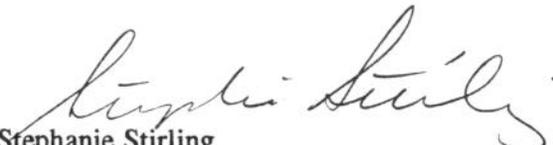
CENPS-OP

Memorandum for Record

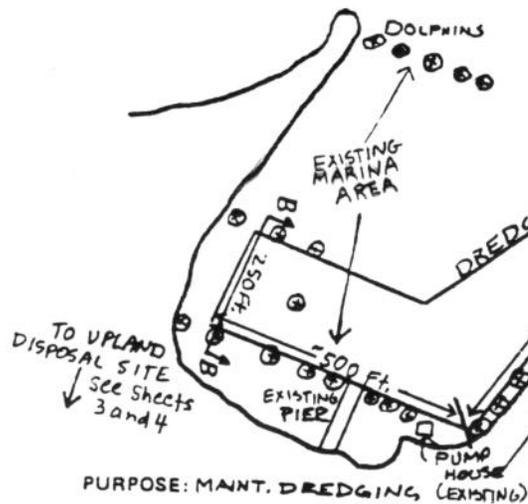
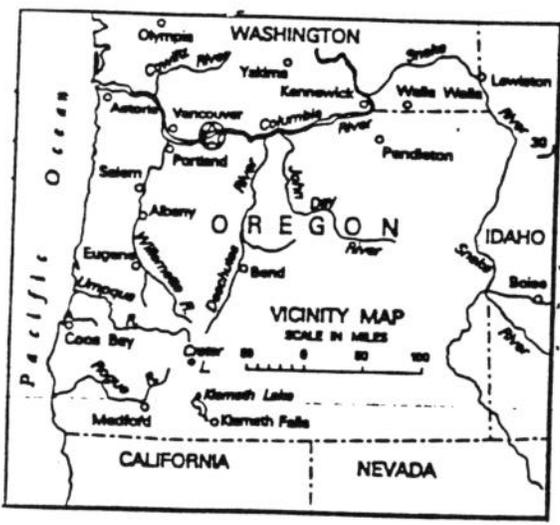
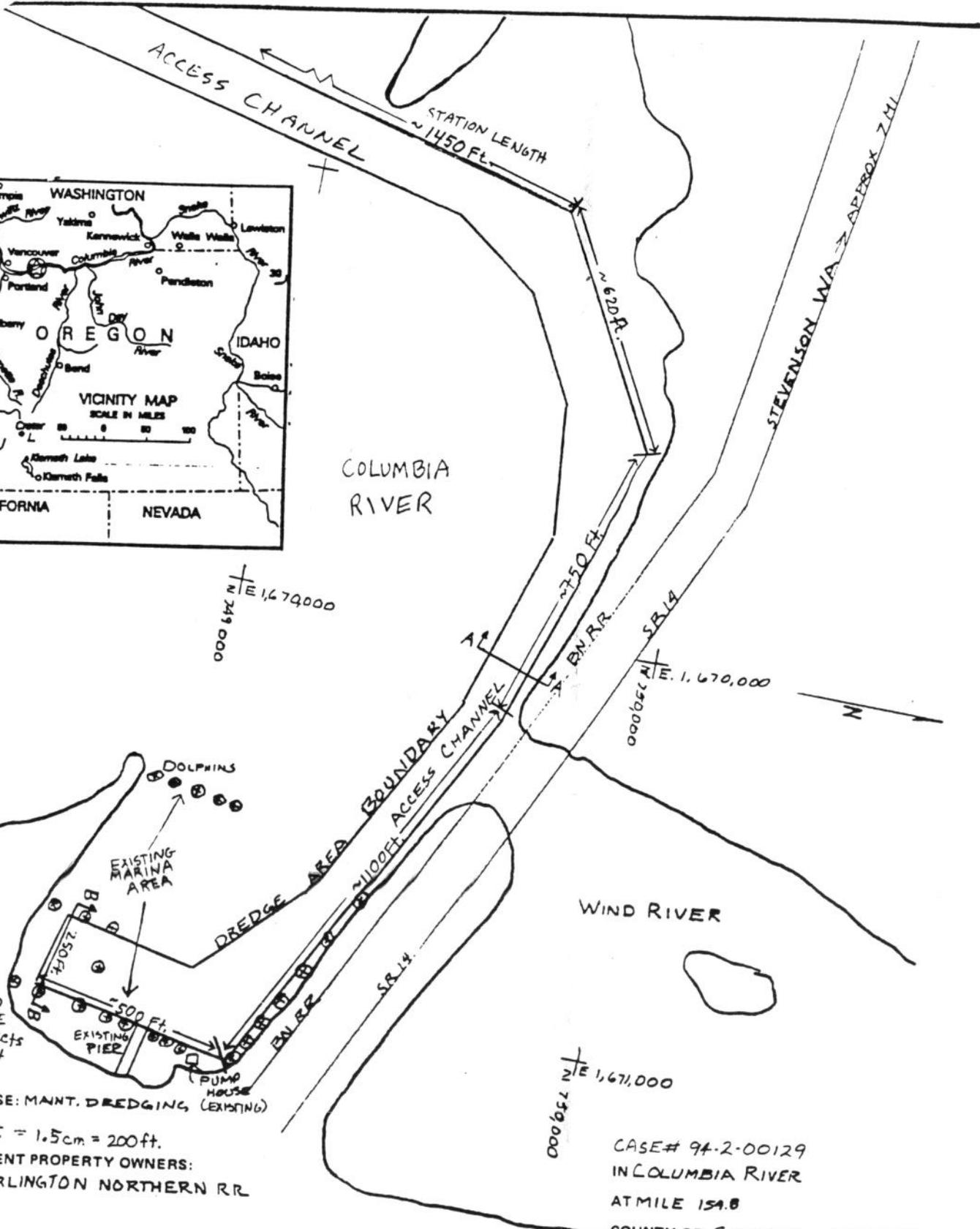
4 May 1994

Subject: Suitability of dredged material from High Cascade Veneer, Carson WA, for upland disposal.

1. High Cascade Veneer, Carson WA, proposes to maintenance dredge up to 50,000 cubic yards of material from its boat ramp and access channel, with proposed disposal at an upland location on their property. Maintenance dredging on an annual cycle is also proposed. This memorandum documents the determination of the regulatory agencies (Corps of Engineers, Environmental Protection Agency, and Washington Department of Ecology) with jurisdiction over dredging and upland disposal regarding the sediment sampling and testing required for this project.
2. This location was dredged in 1993. Given the recent deposition of the proposed dredged material, the agencies proposed a tiered testing approach, patterned after the testing required in the Evaluation of Dredged Material for Ocean Disposal (103 Testing Manual), and specifically under the criteria outlined in 40 CFR 227.13, in the absence of specific guidance on sampling and testing for upland disposal. The first tier of this evaluation is a review of previous information, and an analysis of the type of sediment proposed for dredging.
3. Grain size analysis was performed on two samples representative of the dredged material. The material dredged in 1993 was stored upland. The agencies determined that grain size evaluation of this material would be acceptable to determine the grain size of material shoaling at High Cascade Veneer. Grain size analyses were performed by Columbia Analytical Services on 8 April 1994 in accordance with ASTM D422 (modified). Grain size for the two samples were 90% and 95% sand and gravel. Under the testing manual guidelines, any material that is predominantly sand is excluded from further testing.
4. The proposed dredged material meets the Section 103 Tier I evaluation criteria for exclusion from further testing, based upon grain size, and lack of known sources of contamination since the previous dredging cycle. Based on the above information, the agencies with regulatory jurisdiction agree that the material does not require further testing.
5. This determination regarding the suitability of the material for dredging and upland disposal applies only to the proposed dredging in 1994. Prior to any future maintenance dredging activity, the regulatory agencies (Corps, EPA and Ecology) must be contacted to determine the need for testing of that material.

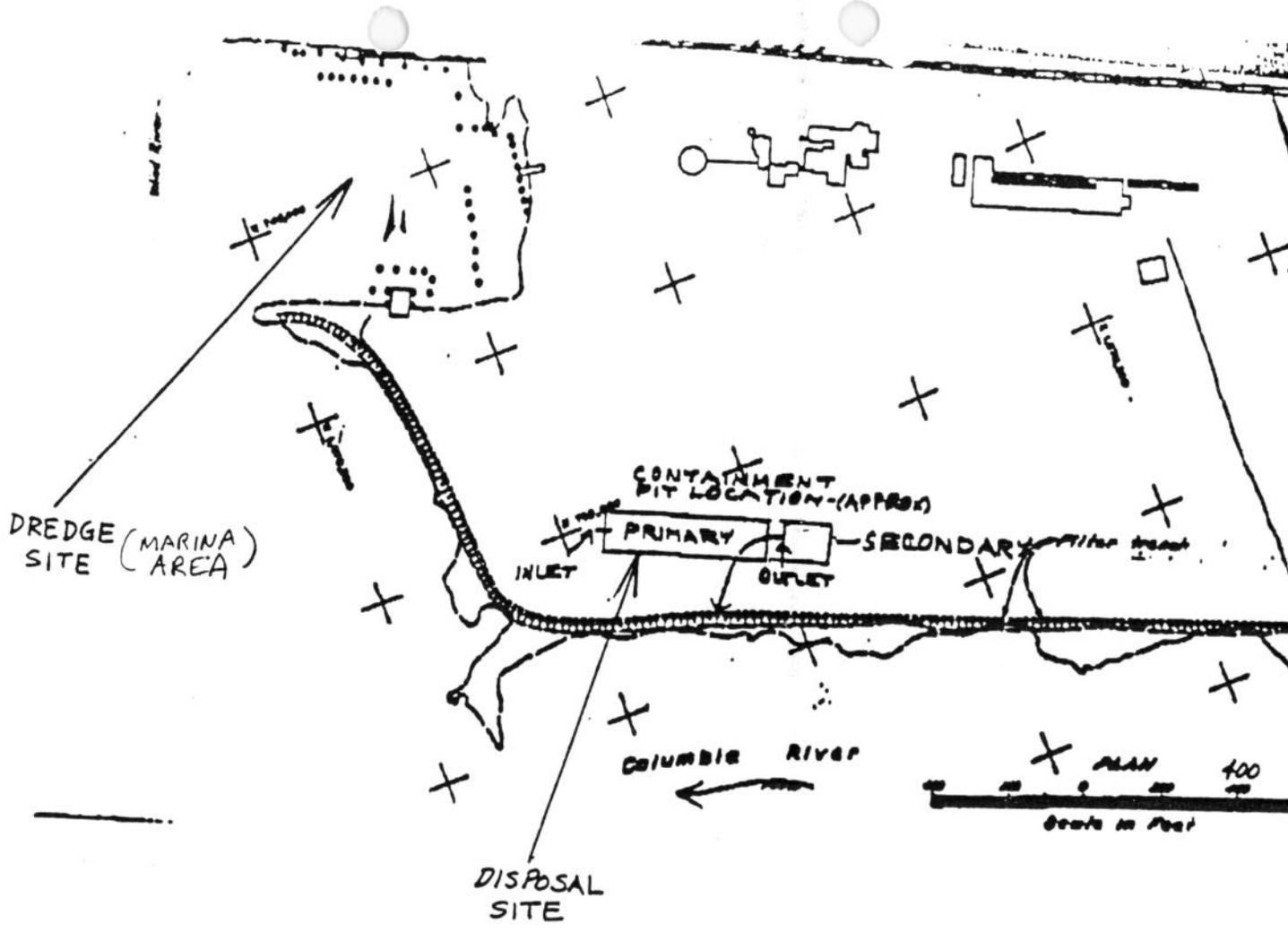

Stephanie Stirling
Biologist

Copies Furnished:
John Malek/EPA
Tom Luster/Ecology



PURPOSE: MAINT. DREDGING (EXISTING)
 SCALE = 1.5cm = 200ft.
 ADJACENT PROPERTY OWNERS:
 ① BURLINGTON NORTHERN R.R.
 ②

CASE# 94-2-00129
 IN COLUMBIA RIVER
 AT MILE 159.8
 COUNTY OF SKAMANIA STATE WA
 APPLICATION BY HIGH CASCADE VENTURE
 SHEET 1 OF 4 DATE 4/94
 revised 5/6/94



HIGH CASCADE VENEER,
 94-2-00129
 MAINTENANCE DREDGING
 AND A DISPOSAL
 UPLAND
 IN: Columbia River (RM 15)
 NEAR: Home Valley
 Skamania Co, WA
 Sheet 3 of 4 5/6/94