

May 1990

CENPP-PL-CH

6 JUNE 1990
BRITTON (ex. 6465)

MEMO TO: Nancy Yun PL-CH

SUBJECT: Results of Physical Analysis of Sediment from Proposed Westport Ferry Channel

1. At the request of Nancy Yun, PL-CH, Two sediment samples were taken from the proposed channel extension, along the route of the Westport Ferry, between Puget Island and the main channel. The channel extension would start at about river mile 43.2 and proceed from the main channel to the ferry dock on the south side of Puget Island just west of Pancake Point. Samples were taken about 150 feet off the ferry dock in water 9.6 to 11.6 feet deep. The purpose of sampling was to test the sediment in order to determine disposal options for the dredged material.

2. Physical analysis of the sediment showed that it was 98.5% sand and 1.5% fines with a volatile solids content of 0.6%. Material dredged from the main channel in this area has been used for beach nourishment and as fill by local interests. There is no known source of contamination upstream from the project. The outfall from the James River Wauna Paper Mill is 2.2 miles downstream from the proposed project. Sediment samples across the river from and downstream from the proposed project have been taken and are currently being chemically analyzed. Because the sediment is mostly sand with a low organic content further testing, according to Clean Water Act and CENPP TIER I guidelines, is not considered necessary unless a problem with contamination is revealed from the analysis of nearby sediment samples. Then, further testing may be necessary.

3. If you have further questions regarding the sediment testing please contact Jim Britton at Ext. 6465.