

January 7, 1974

State of
Washington
Department
of Ecology



Memo to: Jim Knudson

From: Ron Pine

Subject: Comments on Report "Subtital Sludge Deposit Survey."

The subject report prepared by Seattle Marine Laboratories for St. Regis Paper Company, Tacoma, seems to have been well designed, conducted and written. As a control agency, however, I think we should know the total volume of sludge. They should be able to supply this information with little additional effort.

While the total sulfide values are generally low, six of 107 samples collected would be toxic to young juvenile salmon. The areas where the high values were noted would be the areas where juvenile salmon migrating down the Puyallup River would tend to concentrate. The Washington Department of Game, however, conducted some livebox studies in the vicinity of St. Regis in August, 1973, and were unable to demonstrate significant mortalities using steelhead smolts as the test fish.

REP:jmh

cc: J. R. Raymond