

February 6, 1974

WA-28-1020

Memo to: Vern Mainz

From: Grover Scott Jeane II

Subject: Turbidity Sampling of I-5 Construction in Vicinity
of Castle Rock.

The morning of February 5, 1974, I met with Ed Jolley of Ball Inc. We were accompanied by John Aillinger, Department of Highways. Five drainages were found to have greater than 0.5 CFS flow and were sampled (see inclosed maps). Upstream and downstream samples of Ostrander Creek were also collected.

The afternoon of the same day I was shown the Kiewit Co. Construction area by Ted Morkert. Seven samples were collected including upstream and downstream samples of Salmon Creek. Only one sample (station #7) had a noticeable turbidity. A gravel washing operation is located approximately 1/2 mile above station #7.

The low turbidities reflect the lack of precipitation in the construction area for the preceeding several days. Any additional sampling should take place during wet weather.

GSJ:jmh

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

ORIGINAL TO:
G.S. Jones.....
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.....
LAB FILES.....



WATER QUALITY LABORATORY

DATA SUMMARY

Source I-5 Turbidity Sampling
Date Collected 2-5-74

Collected By G.S.J.
Cont. Pro./Obj. _____

GR No.	Station	Turb. (NTU)								
361	1	15.								
362	2	13.								
363	3	14.								
364	4	7.								
365	Salmon Co. UPSTREAM	6.								
366	Salmon Co. DOWNSTREAM	10.								
367	7	120.								
368	OSTRANWA CR.	5.								
369	" 1	20.								
370	" 2	9.								
371	" 3	12.								
372	" 4	60.								
373	" 5	50	Downstream station							
374	" 6	10								

Note: All results are in PPM unless otherwise specified, ND is "None Detected"

Summary by Stephen D. Hall Date 2-6-74

MEMORANDUM

TO Ron Pine
FROM H. Stealey and V. Heinz
SUBJECT Survey

DATE January 21, 1974

State of
Washington
Department
of Ecology



We would like a survey of Salmon Creek and Ostrander Creek in the area of the I-5 Hwy. construction projects. Samples should be taken above and below the construction sites in the streams to assess the impact of these projects. There are two contractors here and each has constructed settling basins to control the runoff from exposed land. We would like to sample the effluents from these settling basins. Parameters of interest are 1) turbidity and 2) settleable solids.
People to contact are:

Ed Jolley (ph. 8-206-423-6480)
of Gordon H. Ball Inc.
located on: Ostrander Rd. (across I-5 from Wash. State Hwy.
stream involved: Ostrander Cr. weigh station)

Jerry Nestaval (ph. 8-206-274-6672)
of: Peter Kiewit Son's Co.
located at: Hwy. 504 and I-5 Interchange (a white house
trailer - Castle Rock exit)
stream involved: Salmon Creek

HHS:as