

INFORMATION _____
FOR ACTION _____
PERMIT _____
OTHER _____

TO: John Glynn and Larry Lewis

FROM: Ron Pine *RP*

SUBJECT: Spencer Island Hog Fuel Disposal

Publication No. 73-e80

DATE: January 19, 1973

Larry Lewis and I made a reconnaissance of the Spencer Island Hog Fuel Disposal Site on January 8, 1973. We investigated the Steamboat Slough side of the island by boat and the Union Slough side on foot. The ground was frozen at the time of our inspection and there was no apparent runoff or seepage from the dike fill. At the present time the hog fuel is being disposed of on the Union Slough side of the island only.

A sample was collected from a small back water ditch off Union Slough in the immediate vicinity of the fill site. The pH of the sample was 6.4, COD - 19 mg/l, PBI - none detected and color - 23. Any effect of leaching from the fill should be reflected in the COD, PBI, and color values, all of which are quite low.

It is suggested that the area be inspected periodically, particularly the back water ditch where we took our sample. Runoff or leaching from the site should first be noticeable in this ditch. Additional samples can then be collected in Union Slough.

RP:bj

MEMORANDUM
Department of Ecology

Information
For Action
Permit
Other

Check

TO: ^{smw} Stew Messman, Bob McCormick, Marc Adam
Pete Hildebrandt & Ron Pine

DATE: September 26, 1972

FROM: John H. Glynn *JHG*

SUBJECT: SURVEY REQUEST, SPENCER ISLAND HOG FUEL DISPOSAL SITE

OBJECTIVE: To determine the effect of leachate from hog fuel from Spencer Island on the water quality of Union and Steamboat Sloughs (Snohomish River).

The wood product industry of Everett is presently disposing of 800,000 cubic yards of hog fuel annually on Spencer Island. The waste is being used as fill for dikes along Union and Steamboat Sloughs. There is evidence of some leaching into the water during dry weather and it is believed that the volume of leachate will increase considerably during the winter months. We would like to have two surveys run, one in December and one in July to evaluate the seasonal variation in leachate volume.

The following information is desired at the various sampling points:

- | | |
|-------------------------|-------------------------------|
| 1. PBI | 6. Color |
| 2. COD | 7. Estimates of leachate flow |
| 3. TOC (if possible) | 8. BOD |
| 4. pH | 9. DO |
| 5. Specific conductance | |

It is not possible to establish definite sampling points at this time because of the changing nature of the fill. We would like to have made available to us a shallow draft boat about one week before the survey is scheduled in order to establish these points. The boat will be necessary for the survey as well. It is not anticipated that the sampling points will exceed 10 in number.

I or Marc Adam would like to be present during the surveys if this can be arranged.

JHG:mk

9-26-72 dd

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REQUEST FOR ANALYSIS

Date 12/7/72

REQUESTED BY RON PINE

RECEIVING WATER SALMON RIVER

COLLECTED BY RON PINE & JOHN GYNN

PROCESS WATER

DATE ~~WERE~~ (WILL BE) COLLECTED 12/13/72

OTHER

PRIORITY: REASONABLY SOON AS SOON AS POSSIBLE EMERGENCY

SAMPLES WILL ARRIVE: DATE 12/13/72 APPROXIMATE TIME 5 PM CARRIER TRUCK

ROUTE DATA SUMMARY TO: RON PINE

ADDITIONAL INFORMATION (PROBLEM, BACKGROUND, INTERFERENCES, PATTERNS, ETC.)

SPLUCKER IS. 1106 FUEL DISPOSAL SITE ON SALMON RIVER

For Lab Use Only

Type of Analyses Required	Number of Samples	Approx. Range	Preservative Type - Vol.	Laboratory Number	Analyst	Date	Notes
PBI	30						
COD	5	(DEPENDENT ON STREAM)					
TOR							
pH	30						
BOD	5	(= LEACHATE)					
COLOR	30						
	110						
	TOTAL						

Fill out as completely as possible. Some Analyses (bacteriological, biological, BOD, etc.) and large numbers of samples should be scheduled ahead of time. Specific questions should be directed to the Analyst supervising the particular analysis desired. Lab. phone: 206-753-2362.