

September 4, 1974

WA-17-0020

Memo to: Ron Robinson

From: Pat Lee

Subject: Grab Sample from Fort Flagler



On June 25, 1974, we collected a grab sample from the Fort Flagler Lagoon. Although the lagoon was not discharging at the time, we picked up the sample at the point of discharge. The banks of the lagoon were in good order but the effluent line had broken in a number of spots on the beach and thus had it been discharging it would have been doing so on the beach. The lab results, typical of an unchlorinated lagoon, follow.

PL:jmh

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

ORIGINAL TO:
P. Lee
COPIES TO:
.....
.....
LAB FILES

DATA SUMMARY

Source FORT FLAGLER STP

Collected By RR + PM

Date Collected 6-29-74

Goal, Pro./Obj. _____

Log Number: 74-2736 2737

												STORET
Station:												
pH	7.4											00403
Turbidity (JTU)	11.											00070
Conductivity (umhos/cm) @ 25°C	510.											00095
COD	192											00340
BOD (5 day)	<40											00310
Total Coliform (Col./100ml)	>16,000											31504
Fecal Coliform (Col./100ml)	>400											31616
NO3-N (Filtered)	6.00											00620
NO2-N (Filtered)	8.00											00615
NH3-N (Unfiltered)	18.6											00610
T. Kjeldahl-N (Unfiltered)	23.0											00625
O-PO4-P (Filtered)	2.60											00671
Total Phos.-P (Unfiltered)	7.75											00665
Total Solids	343											00500
Total Non Vol. Solids	169											
Total Suspended Solids	50											00530
Total Sus. Non Vol. Solids	ND											
<u>FECAL STRIP (col/100ml)</u>		EST										
		3,800										

Note: All results are in PPM unless otherwise specified. ND is "None Detected"
Convert those marked with a * to PPB (PPM X 10⁻³) prior to entry into STORET

Summary By Stephen P. Roll Date 8-19-74