ATTN: R. ERIC DECKER
Doug

Petersburg Wastewater Treatment Plant
Daily Lab Report

Date 10 23 96 Weather 4 Rain Temp. 37°

Operator R.S. Rainfall .50" Time 0800

Sample Type Composite – C Grab – G (STEVE SMITH)

Influent Totalizer	Flow: Recirc. Pump	Effluent Totalizer
To Date	No. Running	To Date
Previous	Flow	Previous
Amount		Amount

Laboratory Analysis

	BOD mg/l	S.S. mg/l	Setl. Solids ml/L	DO mg/l	pH	Temp. °C	Fecal Coliform Colonies/ 100 ml
Plant Influent							
Trickling Filter Effluent							
Plant Effluent							

Transferred Sludge

Gallons Transferred	% Dry Solids	% Volatile	Time

Wt. Wet + Dish ____ Wt. Dry + Dish ____
Dish Wt. ____ Dish Wt. ____
Wet Wt. ____ Dry Wt. ____

Wt. Ash + Dish ____
Wt. Dish ____
Volatile Wt. ____

Chlorine

lbs. CL_2 24 Hours		Time	Analyzer	Titrator	Hach	Ave.
	Analyzer No. 1					
	Analyzer No. 2					
	Analyzer No. 1					
	Analyzer No. 2					

Dewaterer

Time Start		Gallons Processed	% Dry Solids	% Volatile	lbs. Dry Sludge Process	lbs. Volatile Sludge Process	Polymer Strength %	Amount Polymer Used
Time Finish			1.	1.				
			2.	2.				
			3.	3.				
			Ave.	Ave.				

Settleable Solids

Min.	Time	Plant Influent	Filter Effluent	Effluent
0				
5				
10				
15				
20				
25				
30				
40				
50				
60				

44.4°
1505
44.5
1630
0800
44.4
1200
44.6

Fecal Coliform

Petri Dish No.		Sample Filtraion Volume	Water Bath Time in	Water Bath Time out	No. of Colonies Visual	No. of Colonies Per 100 ml
1	A	.10	15'	50'	1	10
	B	.01			0	—
2	A	.10			1	10
	B	.01			0	—
3	A	.10			3	30
	B	.01			0	—
4	A	.10	15'	10°	2	20
	B	.01			0	—
5	A	.10			1	10
	B	.01			0	—

Petri Dish No. & Sample Source ____

Remarks

#1 North End Scow Bay (D.O.T. boat launch)
#2 Papke's Landing (D.O.T. dock)
#3 Hammer Slough (Before City Shop)
#4 Nordic Drive Bridge
#5 Ohmer Creek

Samples collected between 11:30 AM and 1:25 PM

R.S. Smith