

City MOSSY ROCK Plant Type LAGOON Population Served 400 Design Capacity _____
 Receiving Water PIA' FIELD LAKE Engineer _____
 Date 10/5/71 Survey Period 0930-1530 Survey Personnel J. BAUMER
 Comp. Sampling Frequency HOURLY Weather Conditions SUNNY + CLOUD
 (last 48 hours)
 Sampling Alequot 1000 ML.

PLANT OPERATION

Total Flow 1530 How Measured FLOW RECORDER
 Max. (Flow) 3000 Time of Max. 1530 Min. 2000 Time of Min. 0930
 Pre Cl₂ _____ #/day Post Cl₂ _____ #/day

FIELD RESULTS

Determinations	Influent				Effluent			
	Max.	Min.	Mean	Median	Max.	Min.	Mean	Median
Temp. °C	19.0	16.0	17.7	18	20	17	18.3	18
pH	7.9	7.3	7.7	7.6	8.0	7.2	7.7	7.8
Conductivity (umhos/cm)	710	400	588	550	350	240	295	280
Settleable Solids	10	3						

LABORATORY RESULTS ON COMPOSITE IN PPM

Laboratory Number	Influent	Effluent	% Reduction
5-Day BOD	470	115	75
COD	200	20	90
T.S.	679	262	62
T.N.V.S.	296	86	71
T.S.S.	288	46	85
N.V.S.S.	19	3	85
pH			
Conductivity			
Turbidity			

MOSSY ROCK

BACTERIOLOGICAL RESULTS

BEFORE SAMPLE WAS COLLECTED
 $Na_2S_2O_3$ added to sample After _____ min.

LAB #	SAMPLING TIME	COLONIES/100 MLS (MF)	Cl Residual	
			ppm	(after secs)
3266		70 000	<.05	150
3267		< 2 000	<.05	150
3268		50 000	<.05	150
3269		40 000	<.05	150
3270		15 000	<.05	150
3271		40 000	<.05	150

Operator's Name _____ Phone # _____

Comments: # 3267 WAS COLLECTED IN EFFLUENT LINE UP MIDWATER FROM PLANT.

ALL OTHER SAMPLES TAKEN FROM OUTFALL OF Cl_2 CONTACT CHAMBER

RECORD OF TIME FOR COLIFORM SAMPLES LOST WITH TAGS

