HILLSBOROUGH COUNTY HEALTH DEPARTMENT Thono Fish Kill Study

ENVIRONMENTAL ENGINEERING LABORATORY
5 Day BOD Determinations
Standard Method *

Set up: 1-31 1969
Run off: 2-5 1969

Sample source: Salada Tea
Sampling day : Thursday 1-30-69

SAMPLE	Per Cent Dil. (%)	Sample Used A X 3 (ml)	Dil. Factor 100/A	Initial D.O. Bot. No.	Initial D.O. D.O.	Final D.O. Bot. No.	Final D.O. D.O.	Blank D.O. Drop	D. O. Drop (E-G)	BOD PPM (C x I)	Ave BOD (PPM)	% Removed	PH
	A	B	C	D	E	F	G	H	I	J	K	L	
1	.1	0.3	1000	34	8.0	160	4.45	—	3.6	3600			
1	.5	1.5	200	166	7.5	44	0.00	—	>7.5	>1500	3600		
1	5	15	20	35	7.5	30	0.00	—	>7.5	>150			
2	.1	0.3	1000	44	8.0	172	6.90	—	1.1	—			7.2
2	.5	1.5	200	167	7.8	184	6.85	—	0.9	180	100		
2	5	15	20	160	7.5	590	6.40	—	1.1	21			

Initial D.O. of Blank Dilution Water	30	8.0
Final D.O. of Blank Dilution Water	#132	7.5
D.O. Drop in Blank		0.5

#1 Concentrate

#2

TCC

#166 .1 ml to 300 ml Bottle
8.0 on 2-1-69 off 2-6-69
6.70
(1.3 X 3000) = 3900 ppm BOD

* Using 300 ml BOD Bottles