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APPENDIX

TABLE 18 WASTE WATER CHARACTERISTICS FROM THE BOTTLING PLANT

Date	pH	NH ₃ -N mg/l	Org.N mg/l	PO ₄ mg/l	BOD ₅ mg/l	COD mg/l	D.V. mg/l	S.S. mg/l	Grease mg/l
9-9-69	7.89	0.10	1.50	3.55	680	---	897	187	---
10-9-69	7.91	nil	0.18	4.80	---	---	---	164	---
11-9-69	7.93	0.1	1.45	2.90	600	---	796	---	---
12-9-69	7.87	0.67	3.06	2.37	187	---	301	---	---
13-9-69	7.88	nil	0.84	2.90	390	---	595	---	---
14-9-69	.45	nil	1.80	1.38	2400	---	3505	---	10661
15-9-69	6.90	nil	14.7	2.35	1000	---	1321	---	---
2-10-69	---	nil	0.65	1.90	---	---	---	---	---
3-10-69	---	nil	0.25	4.00	---	---	---	---	---
4-10-69	---	nil	0.1	1.35	---	---	---	---	---
5-10-69	---	nil	1.85	4.25	---	---	---	---	---
Average	7.69	0.07	2.40	2.89	876	---	1236	175	10661
Minimum	6.90	nil	0.10	1.38	187	---	301	164	---
Maximum	7.93	0.67	14.7	4.80	2400	---	3505	187	---
* 6-10-69	---	---	---	---	540	588	---	178	---

* Composite sample for 6 hours of sampling at one hour interval.

The rest of the samples are grab samples.

TABLE 19 CHARACTERISTICS OF SLUDGE FROM THE BOTTLING PLANT

Characteristics of Sludge	Grab Samples				6 hr. Composite Samples		
	20/9	10/10	19/10	28/11	3/4	19/4	3/5
	71	71	71	71	72	72	72
<u>Sludge</u>							
Temp. °C	32	28	28	27	31	31	30
pH	7.5	7.3	7.4	7.1	7.2	7.3	7.3
BOD, mg/l	345	294	285	284	334	345	357
COD, mg/l	12300	9870	9900	9600	11000	13200	13300
TS, mg/l	6850	6400	6720	6630	7100	6980	7220
Vol. TS, mg/l	5720	5210	5600	5410	5920	5530	5720
SS, mg/l	6200	6150	6220	6190	6610	6530	6590
Vss, mg/l	5150	5210	5050	4980	5320	5260	5310
Sett. (%) in 30 min.	15	13	17	16	12	13	11
<u>Supernatant*</u>							
BOD, mg/l	295	272	268	274	322	340	338
COD, mg/l	350	348	352	368	380	395	385

* Centrifuged

VITA

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