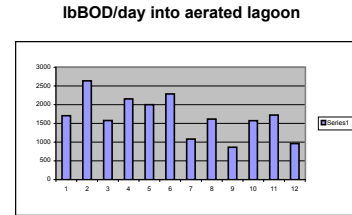


	raw	anaerobic lagoon			load per			into aerated lagoon		
	m3/day	mgd	BODIn	BODout	% removal	lbBOD/day	1,000 cu.ft	BODIn	lb/day in	sorted inlet BOD5
Nov. 06	247.2	0.065	6577	3135	52.3	3578.1	7.8	3135	1706	2500
Nov. 13	360	0.095	4416	3329	24.6	3498.7	7.6	3329	2638	2884
Nov. 20	247.2	0.065	4300	2898	32.6	2339.4	5.1	2898	1577	2898
Nov. 27	254.4	0.067	8187	3845	53.0	4583.8	10.0	3845	2153	3135
Dec. 10	288	0.076	5613	3157	43.8	3557.7	7.7	3157	2001	3157
Dec. 17	235.2	0.062	4541	4415	2.8	2350.5	5.1	4415	2285	3329
Dec. 26	196.8	0.052	6420	2500	61.1	2780.6	6.1	2500	1083	3470
Jan. 02	254.4	0.067	5362	2884	46.2	3002.1	6.5	2884	1615	3845
Jan. 08	112.8	0.030	2132	3470	-62.8	529.3	1.2	3470	861	3933
Jan. 15	180	0.048	4073	3968	2.6	1613.5	3.5	3968	1572	3968
Jan. 22	199.2	0.053	3843	3933	-2.3	1684.8	3.7	3933	1724	4054
Jan. 29	108	0.029	5534	4054	26.7	1315.4	2.9	4054	964	4415 max
		0.059						average in	3466	1681 lb/day BOD5
								mg/L		



	anaerobic (13,000 m3) # 1							aerated (4,000 m3) # 3			facultative (4,000 m3) # 4		
	m3/day	mgd	CODIn	CODout	% removal	kg/day in	kg/day m3	CODIn	CODout	% removal	CODIn	CODout	% removal
Nov. 06	247.2	0.065	11555	4246	63.3	2856.4	0.2	4246	1847	56.5	1847	256	86.1
Nov. 13	360	0.095	5935	4783	19.4	2136.6	0.2	4783	1436	70.0	1436	259	82.0
Nov. 20	247.2	0.065	6188	4183	32.4	1529.7	0.1	4183	1468	64.9	1468	193	86.9
Nov. 27	254.4	0.067	12375	4688	62.1	3148.2	0.2	4688	1452	69.0	1452	174	88.0
Dec. 04	244.8	0.065	4377	3599	17.8	1071.5	0.1	3599					
Dec. 10	288	0.076	9660	4104	57.5	2782.1	0.2	4104	1421	65.4	1421	369	74.0
Dec. 17	235.2	0.062	7072	4641	34.4	1663.3	0.1	4641	1450	68.8	1450	597	58.8
Dec. 26	196.8	0.052	9556	4151	56.6	1880.6	0.1	4151	920	77.8	920	209	77.3
Jan. 02	254.4	0.067	9029	4672	48.3	2297.0	0.2	4672	1073	77.0	1073	208	80.6
Jan. 08	112.8	0.030	2778	4057	-46.0	313.4	0.0	4057	852	79.0	852	205	75.9
Jan. 15	180	0.048	7392	5260	28.8	1330.6	0.1	5260	1074	79.6	1074	341	68.2
Jan. 22	199.2	0.053	5998	5462	8.9	1194.8	0.1	5462	1200	78.0	1200	262	78.2
Jan. 29	108	0.029	7881	5493	30.3	851.1	0.1	5493	908	83.5	908	309	66.0

note: c. 72.5% average removal

note: c. 76.8% average removal

	m3/day	O&G mg/L	mgd	lbOG/day	kgOG/day	kgO&G/day sorted	kg O&G day IN	discharge BOD mg/L
Nov. 06	247.2	244	51	0.065	132.7	60.2	24.8	51
Nov. 13	360	374	41	0.095	296.3	134.4	60.2	41
Nov. 20	247.2	512	30	0.065	278.5	126.3	126.3	30
Nov. 27	254.4	728	23	0.067	407.6	184.9	134.4	23
Dec. 10	288	1612	164	0.076	1021.7	463.5	183.6	164
Dec. 17	235.2	782	234	0.062	404.8	183.6	184.9	234
Dec. 26	196.8	1460	34	0.052	632.3	286.8	208.4	34
Jan. 02	254.4	1084	22	0.067	606.9	275.3	247.6	22
Jan. 08	112.8	220	52	0.030	54.6	24.8	275.3	52
Jan. 15	180	1160	207	0.048	459.5	208.4	286.8	207
Jan. 22	199.2	1245	114	0.053	545.8	247.6	337.6	114
Jan. 29	108	3131	75	0.029	744.2	337.6	463.5	75

