



**CHOCOMIA SEVEN MILE BEACH / MIDDLE WTF**

MATERIALS BALANCE		SUMMER SOLIDS		NON-SUMMER SOLIDS	
1995 DESIGN FLOW		7.71 MGD		2.21 MGD	
NO.	DESCRIPTION	FLOW MGD	S.S. WGT./VOL	FLOW MGD	S.S. WGT./VOL
1	PLANT INFLUENT RAW WASTEWATER	7.670	240	2.160	290
2	GRIT CHAMBER EFFLUENT	7.720	20,404	2.210	375
3	PRIMARY CLARIFIER INFLUENT	8.720	289	2.710	482
4	SECONDARY PROCESS INFLUENT	8.689	135	2.687	205
5	PLANT EFFLUENT	7.710	1,543	2.205	441
6	PRIMARY SLUDGE	0.048	3,076	0.023	3,024
7	COMBINED SCUM	3880gpm		1080gpm	
8	SEPTAGE LEACHATE VIA TANK TRUCK	0.050	12,115	0.050	12,115
9	SECONDARY SLUDGE	0.084	1,076	0.042	1,076
10	DILUTION WATER	0.884	24	0.439	24
11	THICKENED SLUDGE	0.050	5,076	0.022	5,076
12	SLUDGE TO BELT FILTER PRESS	0.050	5,076	0.030	5,076
13	RECICLE FLOW	1.000	1,236	0.500	650
14	THICKENERS OVERFLOW	0.986	355	0.482	380
15	FILTATE FROM SLUDGE BELT FILTER PRESS	0.040	980	0.018	470
16	SLUDGE CAKE	55 CU. YD.	19,881	10,292	25 CU. YD.
					25,076
					8,934
					3,426

