



LEGEND

———— MAIN PROCESS STREAM

----- SECONDARY PROCESS STREAM

----- SCUM STREAM

----- SLUDGE STREAM

CAPE MAY REGIONAL WTF
 NJ 0020371

STR. NO.	DESCRIPTION	SUMMER SOLIDS BALANCED (3.00 MGD)				NON-SUMMER SOLIDS BALANCED (1.80 MGD)			
		FLOW MGD	SS. LBS./DAY	MLSS LBS./DAY	MLVSS LBS./DAY	FLOW MGD	SS. LBS./DAY	MLSS LBS./DAY	MLVSS LBS./DAY
1	PLANT INFILTRANT RAW WASTEWATER	3.000	240	290	6,255	1.180	240	290	2,460
2	PRIMARY CLARIFIER INFILTRANT	3.489	227	6,923	---	1.430	227	2,827	---
3	SECONDARY CLARIFIER INFILTRANT	3.211	104	2,775	664	1.285	102	1,711	1,834
4	SECONDARY CLARIFIER EFFLUENT	3.211	104	2,771	---	1.285	100	1,834	---
5	PLANT EFFLUENT	2.997	24	600	1,314	1.179	24	285	246
6	PRIMARY SLUDGE	0.288	1,127	4,146	---	0.144	1,288	4,181	---
7	SECONDARY SLUDGE	0.028	9,883	2,143	---	0.013	7,775	843	---
8	DELUTION WATER	0.188	24	36	---	0.094	24	19	20
9	THICKENED SLUDGE UNDERFLOW	0.014	46,724	5,886	---	0.0054	50,000	2,240	---
10	CONCENTRATED SLUDGE TO BELT FILTER PRESSES	0.014	46,724	5,886	---	0.0054	50,000	2,240	---
11	RECYCULATED FLOW	0.489	156	633	---	0.250	173	382	---
12	THICKENERS OVERFLOW	0.488	220	916	---	0.245	122	250	---