

Appendix 2-B

LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT
WASTEWATER TREATMENT FACILITY LOADING PROJECTIONS

TOTAL DAILY FLOW MGD	Total Flow to Remain at FSD WWTF, MGD	Total Flow to LFMSDD WWTF MGD	Rated LFMSDD WWTF Capacity MGD
1.272	1.272	0	
1.350	1.350	0	
1.410	1.410	0	
1.459	1.459	0	
1.507	1.507	0	
1.577	1.577	0	
1.654	1.482	0.172	
1.733	0.650	1.083	
1.804	0.651	1.153	
1.869	0.652	1.217	
1.975	0.653	1.322	
2.079	0.654	1.425	
2.187	0.655	1.542	
2.309	0.656	1.653	
2.437	0.657	1.780	
2.542	0.658	1.884	
2.640	0.659	1.991	
2.761	0.660	2.101	2.217
2.867	0.661	2.206	
2.956	0.662	2.294	
3.037	0.663	2.374	
3.112	0.664	2.448	
3.183	0.665	2.528	2.662
3.282	0.666	2.616	
3.378	0.667	2.711	
3.467	0.668	2.799	
3.548	0.669	2.879	
3.623	0.670	2.953	3.108
3.704	0.671	3.033	
3.783	0.672	3.121	
3.869	0.673	3.216	
14.149	2.72	11.429	12.031

ADDF at Effluent	???	3,750	0.753	38,550	8.298	17,889	5.098
PDWWF at Effluent	???	3,750	1.751	38,550	18.003	17,889	8.354
PDWWF/SFE =		467					
ADDF at Effluent		467					
PDWWF at Effluent		467					

End Serial Year	End Calendar Year	Coto Centre Metro Dist			Fountain Sanitation District			Valley Ranch		
		SFE Volume	New SFEs	Accum SFEs	SFE Volume	New SFEs	Accum SFEs	SFE Volume	New SFEs	Accum SFEs
0	2003	795	0.152		5,203	1.120				
1	2004	815	0.164		5,510	1.186				
2	2005	845	0.170		5,763	1.241				
3	2006	885	0.178		5,952	1.281				
4	2007	925	0.186		6,137	1.321				
5	2008	965	0.194		6,361	1.369				
6	2009	1,015	0.204		6,571	1.414				
7	2010	1,065	0.214		6,759	1.455				
8	2011	1,115	0.224		6,909	1.487				
9	2012	1,165	0.234		7,032	1.514				
10	2013	1,215	0.244		7,132	1.574				
11	2014	1,265	0.254		7,587	1.633				
12	2015	1,315	0.264		7,887	1.698				
13	2016	1,365	0.274		8,182	1.757				
14	2017	1,415	0.284		8,512	1.832				
15	2018	1,465	0.284		8,787	1.891				
16	2019	1,515	0.304		9,062	1.951				
17	2020	1,565	0.314		9,412	2.026				
18	2021	1,615	0.324		9,662	2.080				
19	2022	1,665	0.334		9,862	2.123				
20	2023	1,715	0.344		10,062	2.166				
21	2024	1,765	0.354		10,262	2.209				
22	2025	1,815	0.364		10,462	2.252				
23	2026	1,865	0.374		10,662	2.285				
24	2027	1,915	0.384		10,862	2.338				
25	2028	1,965	0.394		11,062	2.381				
26	2029	2,015	0.406		11,262	2.424				
27	2030	2,065	0.415		11,462	2.467				
28	2031	2,115	0.425		11,662	2.510				
29	2032	2,165	0.435		11,862	2.553				
30	2033	2,215	0.445		12,062	2.596				

ADDF at Effluent	???	3,750	0.753	38,550	8.298	17,889	5.098
PDWWF at Effluent	???	3,750	1.751	38,550	18.003	17,889	8.354
PDWWF/SFE =		467					
ADDF at Effluent		467					
PDWWF at Effluent		467					

LFMSDD Load Projections.xls/Hydr Load 051204