

Appendix 4-2

Assumed Effluent Flow and Concentrations for Pillar Point Effluent

APPENDIX 4-2 ASSUMED FLOW AND EFFLUENT CONCENTRATIONS FOR THE PILLAR POINT EFFLUENT

Scenario	Flow (m ³ /day)	BOD ₅ (mg/L)	TSS (mg/L)	Org-N (mg/L)	NH ₃ -N (mg/L)	Ortho P (mg/L)	TP (mg/L)	TON (mg/L)	DO (mg/L)	<i>E. coli</i> (no/100mL)	Cu (mg/L)	Silicate (mg/L)
1a (2012)	199,000	214	211	24	24	3.33	5.6	0	0	1.40E+07	0.40	9
1b (2012)	199,000	180	120	24	24	1.33	2.24	0	0.1	300,000	0.08	9
1c (2012)	199,000	20	30	8.85	7.66	1.7	1.93	11.48	0.5	1.50E+04	0.06	9
2a (Ultimate)	230,000	214	211	24	24	3.33	5.6	0	0	1.40E+07	0.40	9
2b (Ultimate)	230,000	180	120	24	24	1.33	2.24	0	0.1	300,000	0.08	9
2c (Ultimate)	230,000	20	30	8.85	7.66	1.7	1.93	11.48	0.5	1.50E+04	0.06	9