

**Table 8-1. CSO Treated Discharge Performance Comparison**

	1998 Baseline (Untreated)	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6
<b>Frequency of combined Sewage Discharges to Elliott Bay (Events per Year)</b>							
Treated discharges	0	0	14 to 16	11	11	0	0
Untreated CSO discharges	51	1	4 to 6	1	1	4 to 6	1
Total discharges	51	1	20	15	15	4 to 6	1
<b>Annual CSO volumes (million gallons)</b>							
Diverted to West Point for treatment	0	185	198	319	319	391	495
Discharged to Elliott Bay	550	20	352	231	231	160	55
<b>CSO treatment</b>							
Annual % TSS removal calculated on system wide basis	0	Not applicable	35%	56%	61%	66%	79%
Annual Mass of TSS removed, calculated on system-wide basis (pounds)	0	Not applicable	128,000	205,000	223,000	241,000	289,000
Settleable solids treated discharge for each individual event (mL/L/hr)	Not applicable. No treated discharges into Elliott Bay.		2 or less	2 or less	0.3 or less	Not applicable. Flows diverted to West Point for treatment and disinfection. No treated discharges into Elliott Bay.	
Fecal coliform treated discharge at edge of chronic mixing zone (organisms per 100 mL)	Not applicable. No treated discharges into Elliott Bay.		43 or less	43 or less	14 or less	Not applicable. Flows diverted to West Point for treatment and disinfection. No treated discharges into Elliott Bay.	
Residual chlorine level at edge of chronic mixing zone (mg/L)	Not applicable. No treated discharges into Elliott Bay.		0.0075 mg/L or less			Not applicable. Flows diverted to West Point for treatment and disinfection. No treated discharges into Elliott Bay.	