Table 10-3.
Flow Conditions Based on King County Modeling of 1978-1997 Actual Rainfall Data

Year	Rainfall (inches)	Inflow to Tunnel (MG)	Tunnel flow diverted to West Point (MG)	Number of events flow enters tunnel[a]	Treated discharge to Elliott Bay (MG)	Number of treated discharge events[a]	Untreated discharge at Dexter (MG)	Number untreated discharge events at Dexter[a]	Untreated discharge to Elliott Bay (MG)	Number untreated discharge events to Elliott Bay[a]
1978-79	29.7	413	223	36	190	13	2.4	3	13	2
1979-80	39.5	616	294	35	322	15	0.1	1	0	0
1980-81	33.5	423	278	33	145	12	0.3	1	4	1
1981-82	42.9	724	352	31	372	20	2.7	1	26	1
1982-83	41.2	664	323	35	342	17	0.5	1	7	2
1983-84	41.1	599	327	34	271	18	0	0	0	0
1984-85	29.6	463	214	38	249	14	0.2	1	2	1
1985-86	32.1	532	255	29	276	11	2.3	2	29	1
1986-87	34.5	618	241	28	377	13	0.7	1	3	2
1987-88	24.0	359	165	29	195	10	0.1	1	1	1
1988-89	27.5	296	209	28	88	8	0	0	0	0
1989-90	30.3	446	220	30	226	10	0.2	1	2	0
1990-91	28.6	442	170	30	273	9	0.3	1	3	2
1991-92	24.4	291	194	33	96	9	0	0	0	0
1992-93	27.2	295	210	36	85	11	0.5	3	0	0
1993-94	21.8	208	176	32	32	8	0	0	0	0
1994-95	31.2	414	226	33	188	9	0	0	0	0
1995-96	40.2	680	324	34	356	21	0.7	3	1	2
1996-97	41.2	732	308	34	424	19	1.1	2	6	3
Long-term Average[b]	36.0	559	278	33	281	15	1	1	8	1

a All events defined by a 48 hour interval time
b Long-term averages correspond to long-term average rainfall value