

SPU - Water

Project Summary

BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
Bonneville Agreement			BCL/Program Code:							C170B
BPA - Aquatic & Riparian Restoration	C1702	234	844	600	140	0	0	0	0	1,818
BPA - Road Decommissioning/Improvements	C1703	162	728	282	32	44	203	0	0	1,451
BPA - Security Measures	C1704	260	312	255	0	0	0	0	0	827
BPA - Upland Forest Restoration	C1705	134	608	390	164	144	0	0	0	1,440
Total for BCL Bonneville Agreement		790	2,492	1,527	336	188	203	0	0	5,536
Environmental Stewardship			BCL/Program Code:							C130B
Cedar River - Education Center Exhibits	C103001	641	0	155	0	0	0	0	0	796
Cedar River Northridge Trail	C102022	31	51	11	0	0	0	0	0	93
Environmental Steward Project Development	C105084	0	100	103	106	109	113	116	119	766
ESA Chinook Research & Monitoring	C101048	561	217	230	250	271	281	290	299	2,399
ESA Snohomish River Basin	C101003	229	52	21	150	160	164	169	174	1,119
ESA Tolt Levee Modifications	C105095	0	347	258	1,167	546	23	23	0	2,364
Rock Creek Fishway	C101008	84	22	115	555	0	0	0	0	776
Tolt Fisheries Mitigation	C104057	47	185	44	64	0	0	0	0	340
Tolt Watershed Management Plan	C105083	0	300	206	212	219	113	116	0	1,166
Total for BCL Environmental Stewardship		1,593	1,274	1,143	2,504	1,305	694	714	592	9,819

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Habitat Conservation Program						BCL/Program Code:				C160B
Ballard Locks Improvements	C1606	902	150	155	159	164	113	811	836	3,290
Cedar Sockeye Hatchery	C1605	2,305	750	242	6,153	2,950	0	0	0	12,400
Downstream Fish Habitat	C1607	268	2,213	1,527	2,721	12	0	0	0	6,741
Instream Flow Management Studies	C1608	93	533	623	727	327	208	131	135	2,777
Landsburg Fish Passage Improvements	C1604	12,611	202	226	255	262	10	8	0	13,574
Stream & Riparian Restoration	C1602	2,348	837	890	832	861	661	680	701	7,810
Upland Reserve Forest Restoration	C1603	2,365	854	850	811	798	747	770	793	7,988
Watershed Road Improvement/Decommissioning	C1601	3,381	864	890	886	919	948	981	1,010	9,879
Total for BCL Habitat Conservation Program		24,273	6,403	5,403	12,544	6,293	2,687	3,381	3,475	64,459

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Infrastructure										BCL/Program Code: C110B
Asset Management	C1126	2,703	3,344	1,417	3,183	3,278	3,377	3,478	3,582	24,362
Cathodic Protection Program	C1NW116	0	500	731	530	546	563	580	597	4,047
Cedar Bridges	C1119	19,448	1,014	422	650	229	101	180	185	22,229
Cedar Falls Facility Master Plan	C105092	0	60	247	0	0	0	0	0	307
Cedar Moraine Improvements	C197009	1,072	200	474	53	55	0	0	0	1,854
Cedar River Non-HCP Road Improvements	C191001	917	786	828	828	852	878	904	931	6,924
Cedar River Pipeline 2 Replace Portion	C104013	45	60	217	5,305	0	0	0	0	5,627
Cedar River Watershed - Headquarters Major Maintenance	C100051	1,653	88	91	93	96	99	102	105	2,327
Chamber Upgrades - Distribution	C103002	330	180	124	159	164	169	174	179	1,479
Design Commission Fees - Water	C101050	0	20	21	21	22	23	23	24	154
Distribution Projects Development	C105087	0	100	103	106	109	113	116	119	766
Distribution System In-Line Gate Valves	C199012	411	60	62	64	66	68	70	72	873
Fireflow & Pressure Improvement	C1128	266	300	580	2,652	5,316	6,010	6,191	6,376	27,691
Heavy Equipment Purchases - Water	C199068	9,072	2,934	2,179	3,501	1,639	1,688	4,869	5,015	30,897
Lake Young's Outlet Dam Rehabilitation	C102013	185	125	4	0	0	0	0	0	314
Lake Young's Outlet Dam Warning System	C101006	533	34	41	11	0	0	0	0	619
Landsburg Flood Passage Improvement	C104016	44	450	410	2,649	2,370	0	0	0	5,923
Maple Leaf Gatehouse Pipe Refurbishing	C195001	43	390	10	13	0	0	0	0	456
Painting Program - Myrtle Tank	C104031	22	653	127	0	0	0	0	0	802
Painting Program - Richmond Highland	C104032	26	1,295	314	0	0	0	0	0	1,635

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BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
Infrastructure										BCL/Program Code: C110B
Painting Program - Steel Structures	C1NW130	0	20	103	530	546	563	580	597	2,939
Pump Station - Install Station Motors	C199052	39	61	62	69	76	79	81	84	551
Pump Station - Queen Anne	C1AA005	1,045	50	3,018	3,071	0	0	0	0	7,184
Purveyor Meters Replace - SPU	C1107	3,624	176	103	106	109	113	116	119	4,466
Replace Air Valve Chambers	C199060	346	61	64	66	66	68	70	72	813
Seismic Upgrade - Buildings	C1118	1,329	141	170	403	705	732	232	239	3,951
Seismic Upgrade - Cedar River Pipelines at Ginger Creek	C197032	414	2,105	6	3	3	0	0	0	2,531
Seismic Upgrade - Pipeline Backbone	C101038	325	205	103	1,432	0	0	0	0	2,065
Seismic Upgrade - Tanks	C1120	6,580	1,445	1,591	4,010	2,748	2,848	2,620	2,699	24,541
Tolt Bridges	C1131	61	6	22	350	0	0	0	0	439
Tolt Instrument and Warning Upgrade	C1AA012	1,903	47	47	28	28	30	32	33	2,148
Tolt Pipeline 1 Cathodic Protection	C100063	1,184	248	5	0	0	0	0	0	1,437
Tolt River Watershed Road Improvements	C196007	203	170	175	186	191	197	203	209	1,534
Transmission Pipelines Rehabilitation	C1127	0	500	103	1,061	1,093	1,126	1,159	1,194	6,236
Water Design Standards & Guideline Program	C102028	115	200	258	265	273	0	0	0	1,111
Water Infrastructure - Hydrant Replacement/Relocation	C1110	2,247	222	233	240	247	254	262	270	3,975
Water Infrastructure - New Hydrants	C1112	161	64	12	13	13	14	14	14	305
Water Infrastructure - New Taps	C1113	33,704	3,601	3,708	3,819	3,934	4,052	4,173	4,299	61,290
Water Infrastructure - Service Renewal	C1109	43,294	5,123	5,315	5,489	5,654	5,823	5,998	6,178	82,874

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BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
Infrastructure						BCL/Program Code:				C110B
Water Infrastructure - Watermain Extensions	C1111	7,586	1,191	1,030	1,061	1,093	1,126	1,159	1,194	15,440
Water Infrastructure - Watermain Replacement	C1104	16,074	339	12	0	0	0	0	0	16,425
Water Infrastructure - Tank Site Remediation	C1114	1,350	320	309	318	328	0	0	0	2,625
Water System Dewatering	C1105	1,767	1,056	58	371	382	394	406	418	4,852
Watermain Rehabilitation	C1129	344	1,366	2,369	4,144	4,268	4,396	4,528	4,664	26,079
Total for BCL Infrastructure		160,465	31,310	27,278	46,853	36,499	34,904	38,320	39,468	415,097

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BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
Other Agencies						BCL/Program Code:				C120B
Aurora Ave. N (110th - 145th)	C103033	3	8	16	0	0	0	0	0	27
Aurora N Multi-modal Corridor	C103027	73	985	156	53	0	0	0	0	1,267
Cedar Eastside Supply Improvement - East Creek	C145007	245	590	0	0	0	0	0	0	835
Fremont Bridge	C1NW20 1-003	0	0	1	0	0	0	0	0	1
Hidden Lake CSO Betterments	C104066	0	0	188	0	0	0	0	0	188
Hidden Lake CSO Impact Work	C104067	0	54	271	85	0	0	0	0	410
Holgate/Amtrak Water Relocation	C101009	275	10	0	0	0	0	0	0	285
I-405 Widening Cedar River Pipelines Impacts	C105096	0	0	46	0	0	0	0	0	46
Marine View/Des Moines Creek	C197021	214	400	31	0	0	0	0	0	645
Multiple Utility Relocation	C1NW20 1-001	0	976	927	1,061	1,093	1,126	1,159	1,194	7,536
Renton Franchise/Line Valve Cedar River	C102023	1,258	970	15	0	0	0	0	0	2,243
SeaTac 3 Runway Pipeline Relocation	C199075	283	545	3	0	0	0	0	0	831
SLU - Watermain Replacement/South Lake Union Park	C104035	0	155	10	0	0	0	0	0	165
SLU Watermain - Utility Coordination	C104036	24	71	62	32	33	0	0	0	222
W Duwamish Waterway Tunnel/Rails	C194034	153	50	52	0	0	0	0	0	255
Westlake Ave. Watermain Decommissioning	C1NW20 1-002	0	0	1,957	21	0	0	0	0	1,978
WSDOT Sound Walls	C104019	6	20	0	0	0	0	0	0	26
Total for BCL Other Agencies		2,534	4,834	3,735	1,252	1,126	1,126	1,159	1,194	16,960

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BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
Shared Cost Projects						BCL/Program Code:				C410B
Alaskan Way Viaduct & Seawall Facility	C404201-WF	129	125	765	0	0	0	0	0	1,019
Facility Improvements - Water	C404602-WF	902	2,491	1,421	0	0	0	0	0	4,814
Fleet Management Study	C405601-WF	0	123	0	0	0	0	0	0	123
Main Warehouse Improvements - Water	C406604-WF	0	0	262	0	0	0	0	0	262
Meter Replacement - Water	C4101-WF	11,190	728	718	739	761	784	808	831	16,559
Operational Facilities Plan	C406622-WF	0	0	364	0	0	0	0	0	364
Operations Control Center Upgrade - Water	C404501-WF	1,683	2,195	1,393	259	0	0	0	0	5,530
Seattle Monorail Project - Water	C404301-WF	122	400	0	0	0	0	0	0	522
Seattle Monorail Project Watermain Replacement - Water	C405330	0	1,200	0	0	0	0	0	0	1,200
Shared Opportunity Projects - Water	C405603-WF	0	100	0	103	105	108	110	110	636
Sound Transit Light Rail - Water	C4104-WF	890	2,172	762	633	299	11	0	0	4,767
Sound Transit Light Rail - Water Betterment	C405430	0	1,400	1,452	764	219	0	0	0	3,835
Spoils Yard & Decant Facility - Water	C404603-WF	0	10	116	0	0	0	0	0	126
Utility Payment Center - Water	C406611-WF	0	0	224	0	0	0	0	0	224
Total for BCL Shared Cost Projects		14,916	10,944	7,477	2,498	1,384	903	918	941	39,981

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BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
Water Quality										C140B
Cedar River - Boundary Land Acquisition	C198008	2,212	325	104	107	110	114	117	121	3,210
Cedar Treatment Facility	C196015	100,612	597	10	0	0	0	0	0	101,219
Control & Data Acquisition Upgrade	C195008	4,480	3,625	2,383	2,019	0	0	0	0	12,507
Reservoir Covering - Beacon	C101060	882	1,000	8,799	24,411	4,137	0	0	0	39,229
Reservoir Covering - Lincoln	C196012	18,693	404	21	5	5	0	0	0	19,128
Reservoir Covering - Maple Leaf	C101078	266	513	2	2	0	303	485	16,476	18,047
Reservoir Covering - Myrtle	C101076	291	955	2,695	3,325	0	0	0	0	7,266
Reservoir Covering - Volunteer	C101059	94	0	0	0	0	0	280	1,247	1,621
Reservoir Covering - West Seattle	C101075	264	523	284	489	7,203	14,105	5,560	0	28,428
Water System Security Improvement	C1405	3,348	5,326	5,694	0	0	0	0	0	14,368
Total for BCL Water Quality		131,142	13,268	19,992	30,358	11,455	14,522	6,442	17,844	245,023

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BCL/Program Name & Project	Project ID	Life To Date	2005	2006	2007	2008	2009	2010	2011	Total
Water Supply										BCL/Program Code: C150B
Morse Lake Dead Storage Facilities	C103032	407	900	927	955	983	12,268	7,814	1,194	25,448
Regional Water Conservation Program	C1504	15,706	3,300	3,657	4,138	4,535	5,121	5,796	0	42,253
Seattle Direct Service Additional Conservation	C1505	952	988	1,018	2,016	2,147	2,250	2,317	2,387	14,075
Tolt Pipeline 2 II & III East of Tieline	C100084	28,067	73	33	23	13	0	0	0	28,209
Tolt Pipeline 2 II & III West of Tieline	C100083	26,377	30	5	5	5	0	0	0	26,422
Tolt Pipeline I - Phase 3 - B	C199003	756	4,894	9	5	5	0	0	0	5,669
Tolt Pipeline II - Phase 4	C194029	31,585	55	43	28	0	0	0	0	31,711
Treatment & Transmission Project Development	C1NW50 1-008	0	100	41	106	109	113	116	119	704
Water Resources Project Development	C105100	0	100	103	106	109	113	116	119	766
Water System Plan - 2007	C103058	85	430	399	28	0	0	0	0	942
Water System Plan - 2013	C1NW50 1-006	0	0	0	0	0	50	104	179	333
Total for BCL Water Supply		103,935	10,870	6,235	7,410	7,906	19,915	16,263	3,998	176,532
Department Total		439,648	81,395	72,790	103,755	66,156	74,954	67,197	67,512	973,407

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