

# SPU - Drainage & Wastewater

## Project Summary

BCL/Program Name & Project	Project ID	Life To	2006	2007	2008	2009	2010	2011	2012	Total
<b>Control Structures</b>										<b>BCL/Program Code: C310B</b>
Ballard Combined Sewer Overflow	C303101	0	0	0	285	211	164	478	593	<b>1,730</b>
Capital Planning - CSO Plan Implementation	C305101	190	150	385	142	197	184	224	164	<b>1,636</b>
Capital Planning Pump Stations	C307011	0	0	267	42	79	74	90	66	<b>617</b>
Combined Sewer Overflow Facility Retrofit	C302102	3,120	554	567	954	786	736	895	658	<b>8,270</b>
Combined Sewer Overflow Operations & Maintenance Plan	C307005	0	0	411	328	275	368	448	0	<b>1,830</b>
Combined Sewer Overflow Optimization Study	C307009	0	0	0	0	39	0	0	0	<b>39</b>
Combined Sewer Overflow Plan Update	C3AA103	1,863	550	703	349	79	74	45	0	<b>3,662</b>
Combined Sewer Overflow Reporting/Public Notice	C307008	0	0	115	45	0	0	0	0	<b>161</b>
Combined Sewer Overflow Structure Configuration Management	C306101	0	100	116	49	0	0	0	0	<b>265</b>
Combined Sewer Overflow Supplemental Characterization	C307006	0	0	80	88	0	0	0	0	<b>168</b>
Force Main Improvements	C3103	0	0	591	464	393	368	448	329	<b>2,593</b>
Fremont-Wallingford Combined Sewer Overflow	C303102	0	0	0	279	198	152	875	1,065	<b>2,568</b>
Future Combined Sewer Overflow Reduction	C309002	0	0	0	0	590	552	895	658	<b>2,695</b>
Nine Minimum Controls Compliance	C307004	0	0	117	94	0	0	0	0	<b>211</b>
Post -Construction Monitoring	C307003	0	0	59	47	79	74	90	0	<b>348</b>
Pump Station Improvements	C3102	452	400	661	521	1,337	1,251	1,522	1,118	<b>7,262</b>

\*Amounts in thousands of dollars

**2007-2012 Proposed Capital Improvement Program**

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<b>Control Structures</b>						<b>BCL/Program Code:</b>				C310B
Pump Station Optimization Study	C307012	0	0	0	0	79	37	0	0	<b>115</b>
S Genesee Combined Sewer Overflow	C303103	305	325	1,183	48	660	1,559	2,418	6,551	<b>13,049</b>
S Henderson Combined Sewer Overflow Storage	C304102	368	325	577	1,001	251	2,265	3,884	7,900	<b>16,571</b>
Sediment Survey	C307007	0	0	107	5	0	0	0	0	<b>112</b>
Windermere Combined Sewer Overflow Storage	C302103	816	325	1,055	566	3,864	3,698	198	35	<b>10,556</b>
<b>Control Structures Total</b>		<b>7,114</b>	<b>2,729</b>	<b>6,995</b>	<b>5,308</b>	<b>9,115</b>	<b>11,553</b>	<b>12,509</b>	<b>19,135</b>	<b>74,460</b>

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<b>Landslide Mitigation &amp; Special Programs</b>						<b>BCL/Program Code:</b>				C335B
1500 - 2600 Aurora N Landslide	C363401	0	31	1	57	47	155	895	0	<b>1,186</b>
47 SW & SW Maplewood Place Landslide	C363402	0	50	1	37	81	77	479	0	<b>726</b>
Aquatic Habitat Matching Grant Project	C353301	1	300	352	283	236	221	269	197	<b>1,859</b>
Capital Planning - Public Asset Protection	C343401	167	100	419	168	375	294	157	460	<b>2,140</b>
Design Standards & Guidelines - DRN	C353501	40	130	449	194	0	0	0	0	<b>812</b>
Drainage & Wastewater Partnership Program - DRN	C3335	0	0	350	750	1,573	1,471	1,791	1,315	<b>7,250</b>
Drainage Spot Improvements	C333201	801	500	271	214	197	184	224	164	<b>2,555</b>
GIS System Enhancements	C343502	220	45	97	80	71	0	0	0	<b>513</b>
Golden Gardens/View Avenue Landslide	C343403	135	100	293	1	0	0	0	0	<b>530</b>
Greenwood Peat Bog	C333207	215	20	25	13	85	0	0	0	<b>359</b>
Intergovernmental Shares - DRN	C3355	1,984	2,000	1,700	1,800	0	0	0	0	<b>7,484</b>
Mobility Improvement	C333514	600	300	308	315	323	331	339	348	<b>2,864</b>
Other Agency Opportunity - DRN	C3345	1	400	139	112	847	812	1,014	744	<b>4,068</b>
Outfall Rehabilitation Program - DRN	C353207	63	200	239	549	488	456	555	408	<b>2,958</b>
Raincatcher Creek Pilot Project	C307015	0	0	235	212	0	0	0	0	<b>447</b>
Salmon Bay Phase 2 Acquisition & Restoration	C333307	516	10	106	83	0	0	0	0	<b>715</b>
Small Landslide Projects	C3325	766	409	578	469	708	777	364	1,089	<b>5,159</b>
Strategic Asset Management Plan - DRN	C333507	83	40	134	107	24	22	27	20	<b>456</b>
SW Prescott/Admiral Landslide	C302353	611	485	1	294	6	0	0	0	<b>1,396</b>

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<b>Landslide Mitigation &amp; Special Programs</b>						<b>BCL/Program Code:</b>				C335B
Water Reuse - Stormwater	C353308	50	50	29	24	0	0	0	0	<b>153</b>
Works Progress Administration Drains Study & Repair	C3315	656	250	301	239	354	368	224	164	<b>2,556</b>
<b>Landslide Mitigation &amp; Special Programs Total</b>		<b>6,909</b>	<b>5,420</b>	<b>6,028</b>	<b>6,000</b>	<b>5,413</b>	<b>5,169</b>	<b>6,337</b>	<b>4,911</b>	<b>46,186</b>
<b>Low Impact Development</b>						<b>BCL/Program Code:</b>				C334B
3rd Ave. NW & NW 107th Street Natural System	C300329	5,028	69	94	0	0	0	0	0	<b>5,191</b>
Capital Planning – Low Impact Development	C307017	0	0	321	91	79	74	90	66	<b>719</b>
Creek Flow Control Implementation	C310001	0	0	0	0	0	2,207	2,686	1,973	<b>6,866</b>
High Point Drainage System	C301303	2,431	1,100	1,376	256	59	55	67	0	<b>5,344</b>
Natural Drainage System Improvements	C333206	82	396	169	501	413	386	895	658	<b>3,500</b>
Pinehurst Natural Drainage System	C333202	3,356	1,287	30	15	0	0	0	0	<b>4,687</b>
South Lake Union Water Quality Project	C306001	0	0	1,653	3,033	79	4	4	3	<b>4,776</b>
Venema Creek Natural Drainage System	C302317	486	405	309	363	184	795	45	33	<b>2,619</b>
Watershed Base Creek Flow Control	C353310	35	150	71	112	472	147	179	0	<b>1,166</b>
<b>Low Impact Development Total</b>		<b>11,418</b>	<b>3,407</b>	<b>4,022</b>	<b>4,370</b>	<b>1,285</b>	<b>3,668</b>	<b>3,966</b>	<b>2,732</b>	<b>34,869</b>

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**2007-2012 Proposed Capital Improvement Program**

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## Project Summary

BCL/Program Name & Project	Project ID	Life To	2006	2007	2008	2009	2010	2011	2012	Total
<b>Protection of Beneficial Uses</b>						<b>BCL/Program Code:</b>				C333B
10718 35th NE Sediment Pond	C302305	626	222	919	83	4	4	0	0	<b>1,858</b>
Beer Sheva Habitat Improvement	C301319	150	50	23	40	28	7	9	7	<b>313</b>
Best Management Practice Program Implementation	C3313	605	375	595	920	786	2,391	4,477	3,288	<b>13,437</b>
Bitter Lake Dredging	C306002	0	0	6	5	4	18	367	0	<b>400</b>
Bitter Lake/N 137th Stormwater	C301322	14	0	26	21	315	1,273	188	36	<b>1,872</b>
Capital Planning - Protection of Beneficial Uses	C343301	308	70	285	87	20	18	9	7	<b>803</b>
Channel Widening Project	C308002	0	0	0	18	79	74	45	33	<b>248</b>
Citywide Source Control	C363501	0	100	103	0	0	0	0	0	<b>203</b>
Creek Sediment Control Program	C353303	1	25	11	84	20	18	9	0	<b>168</b>
Creeks Habitat Complexity Program	C353302	39	75	97	78	64	61	76	57	<b>548</b>
Creeks Vegetation Program	C353304	129	150	185	152	127	122	152	113	<b>1,131</b>
Fish Passage Program	C353305	31	40	7	6	110	88	112	82	<b>477</b>
Greenwood Water Quality Best Management Practice	C353306	0	80	0	0	786	74	45	0	<b>985</b>
Piper's Creek - Detention	C399326	308	24	0	0	0	0	0	0	<b>332</b>
Seattle Housing Authority Integrated Drainage Plan	C363301	0	300	356	429	488	191	0	0	<b>1,764</b>
Stormwater Mitigation Partnership Program	C353309	1	50	50	40	39	37	0	0	<b>218</b>
Taylor Creek Culverts Phase 2	C399315	724	315	221	11	20	18	0	0	<b>1,309</b>
Thornton Creek Water Quality Channel Project	C343306	1,269	5,980	1,684	1,684	0	0	0	0	<b>10,617</b>
<b>Protection of Beneficial Uses Total</b>		<b>4,206</b>	<b>7,856</b>	<b>4,567</b>	<b>3,658</b>	<b>2,889</b>	<b>4,395</b>	<b>5,489</b>	<b>3,623</b>	<b>36,682</b>

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**2007-2012 Proposed Capital Improvement Program**

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BCL/Program Name & Project	Project ID	Life To	2006	2007	2008	2009	2010	2011	2012	Total
<b>Sediments</b>						<b>BCL/Program Code:</b>				C350B
Sediment Remediation - DRN	C3501	2,551	2,816	3,293	2,699	576	176	91	64	<b>12,266</b>
Sediment Remediation - WW	C3502	2,877	985	1,374	1,041	223	118	60	43	<b>6,720</b>
<b>Sediments Total</b>		<b>5,428</b>	<b>3,801</b>	<b>4,667</b>	<b>3,740</b>	<b>799</b>	<b>294</b>	<b>151</b>	<b>107</b>	<b>18,986</b>

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BCL/Program Name & Project	Project ID	Life To	2006	2007	2008	2009	2010	2011	2012	Total
<b>Shared Cost Projects</b>						<b>BCL/Program Code:</b>				C410B
Climate Protection - DWF	C407S01-DWF	0	0	77	82	0	0	0	0	<b>159</b>
Demand Management	C407019	0	0	600	597	538	552	566	580	<b>3,433</b>
Heavy Equipment Purchases - DWF	C4116-DWF	1,919	867	1,330	1,141	1,028	476	407	887	<b>8,056</b>
I-5 Pavement Reconstruction - DWF	C407022-DWF	0	0	132	135	135	138	141	145	<b>825</b>
Integrated Control Monitoring Program - DWF	C4108-DWF	976	1,110	1,446	1,360	1,830	2,290	2,319	2,348	<b>13,680</b>
Meter Replacement - DWF	C4101-DWF	1,343	597	530	534	517	530	543	557	<b>5,151</b>
Operational Facility - Construction - DWF	C4106-DWF	1,518	1,050	1,458	679	894	916	875	896	<b>8,286</b>
Operational Facility - Other - DWF	C4115-DWF	0	373	626	74	75	77	0	0	<b>1,225</b>
Operations Control Center - DWF	C4105-DWF	294	1,054	640	123	474	46	0	0	<b>2,631</b>
Security Improvements - DWF	C4113-DWF	0	0	615	0	0	0	0	0	<b>615</b>
Sound Transit - DWF	C4104-DWF	1,303	768	435	130	29	0	0	0	<b>2,665</b>
Sound Transit – University Link - DWF	C4110-DWF	0	0	95	115	89	0	0	0	<b>298</b>
Sound Transit Integrated Drainage Plan	C405001	6	300	242	348	495	491	0	0	<b>1,882</b>
South Lake Union - DWF	C4114-DWF	131	1,130	137	133	16	0	0	0	<b>1,547</b>
Spokane Street Viaduct - DWF	C407023-DWF	0	0	132	135	135	138	141	0	<b>681</b>
SR-520 Bridge Replacement - DWF	C407021-DWF	0	0	132	135	135	138	141	145	<b>825</b>
Utility Relocation due to Alaskan Way Tunnel and Seawall Project - DWF	C4102-DWF	1,255	1,702	3,347	25,876	48,041	26,711	4,950	5,392	<b>117,274</b>
<b>Shared Cost Projects Total</b>		<b>8,745</b>	<b>8,951</b>	<b>11,973</b>	<b>31,596</b>	<b>54,431</b>	<b>32,503</b>	<b>10,085</b>	<b>10,949</b>	<b>169,233</b>

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<b>Stormwater &amp; Flood Control</b>						<b>BCL/Program Code:</b>				C332B
20th Avenue NE Local Drainage	C301317	215	5	5	0	0	0	0	0	<b>225</b>
4th Avenue S/S Trenton Storm Drain	C353202	298	750	793	2,502	975	728	219	33	<b>6,299</b>
Capital Planning - Flood Control & Local Drainage	C343201	532	320	414	178	254	305	0	0	<b>2,003</b>
Comprehensive Drainage Plan Implementation	C307018	0	0	6	485	2,289	4,351	0	0	<b>7,132</b>
Georgetown Flume Drainage Improvements	C307019	0	0	209	207	0	0	0	0	<b>416</b>
Jackson Park Detention - Phase 2	C399305	10,599	110	123	99	85	0	0	0	<b>11,016</b>
Localized Flood Control Program	C3312	452	1,440	250	1,001	1,040	837	895	658	<b>6,574</b>
Lower Densmore Drainage Improvement	C353205	152	225	6	5	0	0	0	0	<b>388</b>
Madison Valley Long Term Solution	C307014	0	0	1,032	2,158	3,932	1,471	90	66	<b>8,749</b>
Meadowbrook Outfall Rehabilitation	C353206	207	231	1,243	29	0	0	0	0	<b>1,710</b>
MLK Way/Norfolk Street Storm Improvement	C333205	613	183	285	284	4	4	4	0	<b>1,377</b>
N 125th & Aurora N Storm Drain	C302313	769	575	403	990	1,636	1,221	0	0	<b>5,594</b>
<b>Stormwater &amp; Flood Control Total</b>		<b>13,837</b>	<b>3,839</b>	<b>4,768</b>	<b>7,939</b>	<b>10,216</b>	<b>8,918</b>	<b>1,209</b>	<b>756</b>	<b>51,481</b>

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<b>Wastewater Conveyance</b>						<b>BCL/Program Code:</b>				C320B
Design Standards & Guidelines - WW	C305201	26	326	59	346	0	0	0	0	<b>756</b>
Drainage & Wastewater Partnership Program - WW	C3203	0	0	50	50	197	184	224	164	<b>869</b>
GIS System Enhancements- WW	C307016	0	0	103	39	0	0	0	0	<b>142</b>
Intergovernmental Shares - WW	C3205	249	250	300	300	0	0	0	0	<b>1,099</b>
Lakewood Raincatcher Pilot Project	C305202	78	628	851	103	50	37	45	33	<b>1,825</b>
Minor Facility Upgrades - Rehabilitation	C3AA402	243	76	96	82	75	74	94	72	<b>812</b>
No Dig Pipe & Maintenance Rehabilitation	C3AA403	10,068	663	2,346	2,160	1,793	1,477	2,248	1,651	<b>22,407</b>
Other Agency Opportunity - WW	C3204	0	200	23	21	339	325	406	299	<b>1,612</b>
Outfall Rehabilitation Program - WW	C305203	0	10	0	0	118	110	224	164	<b>627</b>
Point Sewer Pipe Rehabilitation - Contract	C303401	1,740	445	1,078	1,156	786	736	895	658	<b>7,494</b>
Point Sewer Pipe Rehabilitation - Crews	C303402	8,438	3,200	2,410	2,149	2,957	2,850	3,572	2,702	<b>28,277</b>
Sanitary Sewer Overflow Capacity	C302205	330	250	243	206	812	779	973	715	<b>4,308</b>
Sewage System Modeling	C3AA206	764	225	40	40	85	81	101	74	<b>1,410</b>
Sewer Emergency Rehabilitation	C3AA404	3,201	500	677	560	472	478	582	427	<b>6,898</b>
Sewer Full Line Replacements	C3202	794	416	0	320	281	276	353	267	<b>2,707</b>
Small Sewer Improvements	C303299	234	160	175	145	144	138	173	127	<b>1,296</b>
Strategic Asset Management Plan - WW	C303204	148	100	34	28	0	0	0	0	<b>310</b>

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<b>Wastewater Conveyance</b>						<b>BCL/Program Code:</b>				C320B
Wastewater Rehabilitation Evaluation	C3AA401	1,486	200	258	231	216	221	291	230	<b>3,133</b>
Water Reuse - Wastewater	C301203	392	14	97	37	0	0	0	0	<b>540</b>
<b>Wastewater Conveyance Total</b>		<b>28,190</b>	<b>7,663</b>	<b>8,841</b>	<b>7,971</b>	<b>8,324</b>	<b>7,766</b>	<b>10,180</b>	<b>7,585</b>	<b>86,521</b>
<b>Department Total</b>		<b>85,848</b>	<b>43,665</b>	<b>51,862</b>	<b>70,581</b>	<b>92,472</b>	<b>74,266</b>	<b>49,926</b>	<b>49,798</b>	<b>518,418</b>

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