

Seattle Public Utilities Water Fund Draft Proposed 2015-2020 Capital Improvement Program

Attachment 5A

3/26/2014 Draft

Row	Allocation	Program Area	Project Name Yellow shading show projects to be discussed (Red = New Projects since 2014 CIP)	Sum of Previous Years Actuals (2013 and earlier)	2014 Spending Projections (as of 3/26/14)	2015	2016	2017	2018	2019	2020	Sum of Remaining Costs (2021 and beyond)	Total Project Cost **
1	Existing	Water Resources	Tolt Ring Gate Upgrade	\$0	\$0	\$725,000	\$732,000	\$740,000	\$0	\$0	\$0	\$0	\$2,197,000
2	Supply		Overflow Dike Improvements	\$125,031	\$0	\$1,480,000	\$2,052,457	\$0	\$0	\$0	\$0	\$0	\$3,657,488
3			Morse Lake Pump Plant	\$14,537,938	\$2,584,000	\$7,704,515	\$18,287,670	\$6,845,992	\$0	\$0	\$0	\$0	\$49,960,115
4		Habitat Conservation Program	Watershed Road Improvements	\$1,404,596	\$230,031	\$234,600	\$239,292	\$244,078	\$248,959	\$253,939	\$259,017	--	--
5			Watershed Road Decommissioning	\$1,424,870	\$563,999	\$575,000	\$587,000	\$599,000	\$611,000	\$623,000	\$635,000	--	--
6			Riparian Conifer Underplanting	\$720,803	\$12,000	\$12,000	\$12,000	\$13,000	\$13,000	\$13,000	\$13,000	--	--
7			LWD Replacement in Streams	\$816,050	\$135,142	\$90,000	\$55,000	\$55,000	\$55,000	\$55,000	\$55,000	--	--
8			Riparian Restoration Thinning	\$522,248	\$44,000	\$14,000	\$14,000	\$14,000	\$15,000	\$15,000	\$15,000	--	--
9			Bank Revegetation	\$408,185	\$20,052	\$13,000	\$8,000	\$8,000	\$8,200	\$8,400	\$8,500	--	--
10			Passage for Peak Flows	\$338,704	\$100,304	\$30,000	\$35,000	\$35,000	\$36,000	\$37,000	\$37,000	--	--
11			Bank Stabilization	\$182,518	\$69,865	\$45,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	--	--
12			Upland Restoration Planting	\$737,148	\$25,542	\$18,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	--	--
13			Upland Ecological Thinning	\$1,558,179	\$153,966	\$80,000	\$82,000	\$84,000	\$86,000	\$87,000	\$89,000	--	--
14			Hatchery Spring Water Redundancy	\$0	\$0	\$20,000	\$100,000	\$400,000	\$100,000	\$80,000	\$0	\$0	\$700,000
15			Sockeye Broodstock Weir	\$0	\$0	\$50,000	\$150,000	\$44,000	\$2,600,000	\$50,000	\$0	\$0	\$2,894,000
16			Freshwater Conservation (Ballard Locks)	\$357,676	\$0	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$536,000	\$0	\$1,693,676
17			Dwnstrm Habit Prot-Instrm Flws	\$5,849,563	\$258,730	\$274,000	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$6,782,293
18			Dwnstrm Habit Prot-Lndsbrg Mit	\$1,494,430	\$0	\$450,000	\$595,000	\$332,010	\$241,000	\$0	\$0	\$0	\$3,112,440
19			Walsh Creek-Rock Creek Confluence Enhancement Project	\$1,012,460	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,032,460
20			Chinook Studies	\$1,270,480	\$5,852	\$208,080	\$212,242	\$216,486	\$220,816	\$225,232	\$229,737	--	--
21		Watershed Stewardship	Cedar Bridges	\$0	\$0	\$1,000	\$1,000	\$1,000	\$250,000	\$250,000	\$100,000	--	--
22			Tolt WS Road Improvements	\$238,364	\$15,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$258,364
23			CRW Contamination Remediation	\$0	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$300,000
24			RSL Sanitary Facilities	\$0	\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000
25			Tolt Bridge Chuck Judd Cr	\$0	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$400,000
26			Tolt Bridge Siwash Creek	\$0	\$0	\$0	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$500,000
27		Transmission	Lake Youngs Road Improvements	\$27,169	\$65,861	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$98,029
28		Shared Cost Projects	Cedar Falls Building Imprvmts	\$46,873	\$110,000	\$112,600	\$100,000	\$75,000	\$50,000	\$50,000	\$50,000	--	--
29			Landsburg Facilities Development	\$2,874,693	\$6,183,760	\$5,707,304	\$50,000	\$0	\$0	\$0	\$0	\$0	\$14,815,757
30			Cedar Falls Facilities Development	\$315,646	\$516,001	\$1,200,000	\$1,220,000	\$6,538,000	\$4,430,000	\$67,000	\$0	\$0	\$14,286,647
31			Tolt Building Imprvmts	\$69,492	\$82,800	\$85,000	\$100,000	\$50,000	\$50,000	\$50,000	\$50,000	--	--
32			Lake Youngs Building Imprvmts	\$91,367	\$82,416	\$73,200	\$100,000	\$75,000	\$75,000	\$75,000	\$75,000	--	--
33			Materials Supply Inventory Reg'l	\$192,409	\$680,267	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$922,676
34	Existing Supply Total			\$36,616,891	\$11,949,589	\$19,482,299	\$25,733,661	\$17,370,566	\$9,340,975	\$2,190,571	\$2,203,254	\$0	\$103,720,944
35	Existing	Water Quality & Treatment	Maple Leaf Reservoir Seismic	\$153,118	\$1,057,853	\$7,036,000	\$1,008,029	\$0	\$0	\$0	\$0	\$0	\$9,255,000
36	Transmission		Reservoir Covering-L Forest Pk	\$0	\$0	\$0	\$0	\$0	\$0	\$590,000	\$1,200,000	\$10,370,000	\$12,160,000
37		Transmission	Tolt Slide Improvements	\$0	\$0	\$0	\$750,000	\$1,127,000	\$1,149,000	\$1,172,000	\$1,195,000	\$0	\$5,393,000
38			Tolt Slide Toe Stabilization	\$61,938	\$275,891	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$357,830
39			Transmission Pipelines Rehab	\$0	\$250,000	\$1,082,450	\$1,104,117	\$250,000	\$250,000	\$250,000	\$250,000	--	--
40			CRPL4 at Airport Expressway CP	\$41,115	\$5,190	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$49,305
41			Tolt ROW/Road Improvements	\$89,930	\$31,293	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$201,223
42		Shared Cost Projects	Maple Leaf Gatehouse	\$297,240	\$922,776	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,260,016
43	Existing Transmission Total			\$643,340	\$2,543,003	\$8,261,450	\$2,862,146	\$1,377,000	\$1,399,000	\$2,012,000	\$2,645,000	\$10,370,000	\$28,676,373
44	Individual	Transmission	Purveyor Meters	--	\$290,000	\$200,000	\$204,000	\$208,000	\$213,000	\$218,000	\$223,000	--	--
45	Individual Purveyors Total			--	\$290,000	\$200,000	\$204,000	\$208,000	\$213,000	\$218,000	\$223,000	--	--
46	SW Subregion	Water Quality & Treatment	West Seattle Reservoir Seismic	\$2,158,317	\$1,923,610	\$2,717,073	\$10,000	\$0	\$0	\$0	\$0	\$0	\$6,809,000
47	SW Subregion Total			\$2,158,317	\$1,923,610	\$2,717,073	\$10,000	\$0	\$0	\$0	\$0	\$0	\$6,809,000
48	Various*	Water Resources	Dam Safety	--	\$0	\$300,000	\$200,000	\$200,000	\$800,000	\$800,000	\$200,000	--	--
49		Water Quality & Treatment	Treatment Facility/WQ Improve	\$208,491	\$220,358	\$204,550	\$250,000	\$234,464	\$250,000	\$250,000	\$480,000	--	--
50		Transmission	System Dewatering Program	--	\$20,000	\$50,000	\$24,000	\$25,000	\$27,000	\$30,000	\$33,000	--	--
51			Cathodic Protection (CP)	--	\$257,000	\$724,000	\$1,040,000	\$320,000	\$1,060,000	\$330,000	\$1,080,000	--	--
52			Replace Air Valve Chambers	--	\$5,000	\$122,318	\$124,766	\$124,766	\$127,000	\$130,000	\$132,651	--	--
53		Shared Cost Projects	SCADA WF Imprv Phase 2	--	\$405,000	\$480,000	\$480,000	\$480,000	\$480,000	\$480,000	\$480,000	--	--
54			Integrated Security Syst - WF	--	\$74,535	\$700,000	\$700,000	\$700,000	\$700,000	\$300,000	\$700,000	--	--
55			Integrated Security System	--	\$900,000	\$150,000	\$150,000	\$150,000	\$150,000	\$900,000	\$150,000	--	--
56			SR 520 Corridor Project-WF	--	\$0	\$0	\$50,000	\$50,000	\$300,000	\$500,000	\$500,000	--	--
57	Various Total			--	\$1,881,893	\$2,730,868	\$3,018,766	\$2,284,230	\$3,894,000	\$3,720,000	\$3,755,651	--	--
58	New Supply	Water Resources	Regional Conservation Indoor	\$754,122	\$819,224	\$838,562	\$855,333	\$872,440	\$889,889	\$907,687	\$925,840	--	--
59			Regional Conservation Outdoor	\$132,910	\$156,000	\$162,302	\$165,548	\$168,859	\$172,236	\$175,681	\$179,195	--	--
60			Regional Conservatn Commercial	\$884,275	\$855,019	\$838,562	\$855,333	\$872,440	\$889,889	\$907,687	\$925,840	--	--
61	New Supply Total			\$1,771,307	\$1,840,243	\$1,839,426	\$1,876,214	\$1,913,739	\$1,952,014	\$1,991,055	\$2,030,875	--	--
62	Grand Total			\$41,189,856	\$20,428,338	\$35,231,116	\$33,704,787	\$23,153,535	\$16,798,989	\$10,131,626	\$10,857,780	\$10,370,000	\$139,206,317

Notes: *Projects indicated as 'Various' involve work on multiple facilities. Costs for these projects will be included in regional or subregional cost pools to the extent that work is done on a regional or subregional facility.
 **All amounts are in inflated dollars.