

Seattle Public Utilities Water Fund Draft Proposed 2014-2019 Capital Improvement Program

DRAFT -- For June 6, 2013 Operating Board Meeting

Attachment 2

5/28/2013 Update

Row	Allocation	Program Area	Project Name (Red = New Projects since 2012 CIP)	Sum of Previous Years Actuals (2012 and earlier)	2013 Projections (as of 5/13)	2014	2015	2016	2017	2018	2019	Sum of Remaining Costs (2020 and beyond)	Total Project Cost**	Closing year, for rate estimate purposes	Assumed accounting life, necessary for rate estimate	Percentage assumed to regional/subregional rates	Effect on 2014 rates	Effect on 2015 rates	Effect on 2016 rates	Effect on 2017 rates	Effect on 2018 rates	Effect on 2019 rates
1	Existing Supply	Water Resources	Landsburg Flood Passage Imprts	\$928,497	\$0	\$100,000	\$1,000,000	\$500,000	\$100,000	\$0	\$0	\$0	\$2,628,497	2017	50	100%	\$ -	\$ -	\$ -	\$ 0.003	\$ 0.004	\$ 0.004
2			Overflow Dike Improvements	\$125,031	\$95,000	\$200,000	\$1,480,000	\$2,052,457	\$0	\$0	\$0	\$0	\$3,952,488	2016	50	100%	\$ -	\$ -	\$ 0.005	\$ 0.006	\$ 0.006	\$ 0.006
3			Tolt Ring Gate Upgrade	\$0	\$0	\$0	\$725,000	\$732,000	\$740,000	\$0	\$0	\$0	\$2,197,000	2017	30	100%	\$ -	\$ -	\$ -	\$ 0.003	\$ 0.004	\$ 0.004
4			Morse Lake Pump Plant	\$12,227,965	\$3,609,257	\$1,391,761	\$3,857,060	\$14,644,764	\$14,230,576	\$0	\$0	\$0	\$49,961,383	2017	50	100%	\$ -	\$ -	\$ -	\$ 0.059	\$ 0.077	\$ 0.076
5		Water Quality & Treatment	Water Quality Equipment	\$248,956	\$100,000	\$143,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$492,956	2015	10	100%	\$ -	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001
6			Landsburg Chlorination	\$171,864	\$0	\$1,016,083	\$865,074	\$29,421	\$0	\$0	\$0	\$0	\$2,350,960	2016	25	100%	\$ -	\$ -	\$ 0.003	\$ 0.004	\$ 0.004	\$ 0.004
7		Habitat Conservation Program ****	Watershed Road Improvements	--	\$419,187	\$440,000	\$448,000	\$457,000	\$467,000	\$476,000	\$485,000	--	--	various***	20	100%	\$ 0.001	\$ 0.002	\$ 0.003	\$ 0.004	\$ 0.005	\$ 0.005
8			Watershed Road Decommissioning	--	\$566,969	\$564,000	\$575,000	\$587,000	\$599,000	\$611,000	\$623,000	--	--	various***	20	100%	\$ 0.001	\$ 0.002	\$ 0.004	\$ 0.005	\$ 0.006	\$ 0.007
9			Riparian Conifer Underplanting	--	\$9,998	\$12,000	\$12,000	\$12,000	\$12,500	\$12,500	\$12,500	--	--	various***	10	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10			LWD Replacement in Streams	--	\$135,188	\$133,300	\$133,500	\$133,800	\$60,000	\$60,100	\$60,200	--	--	various***	10	100%	\$ -	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001
11			Riparian Restoration Thinning	--	\$38,077	\$44,000	\$45,000	\$46,000	\$46,000	\$46,000	\$46,000	--	--	various***	10	100%	\$ -	\$ -	\$ -	\$ 0.001	\$ 0.001	\$ 0.001
12			Bank Revegetation	--	\$16,000	\$38,600	\$38,700	\$38,700	\$25,000	\$25,000	\$25,100	--	--	various***	10	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13			Passage for Peak Flows	--	\$95,091	\$98,418	\$98,418	\$98,418	\$98,401	\$98,418	\$98,418	--	--	various***	10	100%	\$ -	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.002
14			Bank Stabilization	--	\$66,090	\$67,700	\$67,800	\$68,000	\$50,000	\$50,100	\$50,200	--	--	various***	10	100%	\$ -	\$ -	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001
15			Upland Restoration Thinning	\$3,840,913	\$298,764	\$50,000	\$0	\$0	\$0	\$0	\$0	\$4,189,677	2014	10	100%	\$ 0.005	\$ 0.013	\$ 0.012	\$ 0.012	\$ 0.011	\$ 0.011	
16			Upland Restoration Planting	--	\$21,649	\$25,000	\$25,000	\$25,500	\$26,000	\$26,500	\$27,000	--	--	various***	10	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17			Upland Ecological Thinning	--	\$199,845	\$208,000	\$163,200	\$166,500	\$106,000	\$108,000	\$88,000	--	--	various***	10	100%	\$ -	\$ 0.001	\$ 0.002	\$ 0.002	\$ 0.002	\$ 0.002
18			Freshwater Conservation (Ballard Locks)	\$357,325	\$0	\$0	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$536,000	\$1,693,325	2020	10	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19			Dwnstrm Habit Prot-Instrm Flws	\$4,572,239	\$674,338	\$210,000	\$0	\$0	\$0	\$0	\$0	\$0	\$5,456,577	2016	10	100%	\$ -	\$ -	\$ 0.006	\$ 0.016	\$ 0.016	\$ 0.015
20			Dwnstrm Habit Prot-Lndsbrg Mit	\$1,471,097	\$250,000	\$300,000	\$450,000	\$595,000	\$215,000	\$0	\$0	\$0	\$3,281,097	2015	10	100%	\$ -	\$ 0.003	\$ 0.007	\$ 0.007	\$ 0.007	\$ 0.007
21			Walsh Creek-Rock Creek Confluence Enhancement P	\$1,009,853	\$9,552	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$1,039,405	2015	10	100%	\$ -	\$ 0.001	\$ 0.003	\$ 0.003	\$ 0.003	\$ 0.003
22			Chinook Studies	--	\$106,100	\$204,000	\$208,080	\$212,242	\$216,486	\$220,816	\$225,232	--	--	various***	10	100%	\$ -	\$ 0.001	\$ 0.002	\$ 0.002	\$ 0.003	\$ 0.004
23			Hatchery Spring Water Redundancy	--	\$55,000	\$200,000	\$100,000	\$40,000	\$0	\$0	\$0	\$0	\$395,000	2016	10	100%	\$ -	\$ -	\$ -	\$ 0.001	\$ 0.001	\$ 0.001
24		Watershed Stewardship	Cedar Bridges	--	\$0	\$1,000	\$1,000	\$1,000	\$1,000	\$250,000	\$250,000	--	--	various***	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25			Tolt Bridge Chuck Judd Cr	\$0	\$0	\$0	\$0	\$200,000	\$200,000	\$0	\$0	\$0	\$400,000	2017	50	100%	\$ -	\$ -	\$ -	\$ -	\$ 0.001	\$ 0.001
26			Tolt Bridge Siwash Creek	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$0	\$0	\$0	\$500,000	2017	50	100%	\$ -	\$ -	\$ -	\$ 0.001	\$ 0.001	\$ 0.001
27			Tolt WS Road Improvements	\$214,576	\$20,000	\$6,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$245,576	2015	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28			Rattlesnake Lake Sanitary Improvements	\$0	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	2014	10	100%	\$ -	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001
29			Cedar River Watershed Contamination Remediation	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$300,000	2017	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30		Shared Cost Projects	Cedar Falls Building Improvements	\$46,873	\$169,694	\$110,000	\$112,600	\$100,000	\$75,000	\$50,000	\$50,000	\$50,000	\$764,167	2020	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31			Landsburg Facilities Development	\$1,475,049	\$1,207,968	\$4,064,332	\$3,460,296	\$117,684	\$0	\$0	\$0	\$0	\$10,325,329	2016	50	100%	\$ -	\$ -	\$ 0.012	\$ 0.016	\$ 0.016	\$ 0.015
32			Cedar Falls Facilities Development	\$137,383	\$686,098	\$1,700,000	\$2,000,000	\$4,000,000	\$2,000,000	\$2,500,000	\$2,600,000	\$2,500,000	\$18,123,481	2020	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33			Tolt Building Imprvmts	\$69,492	\$148,533	\$82,800	\$85,000	\$100,000	\$50,000	\$50,000	\$50,000	\$50,000	\$685,825	2020	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
34			Materials Supply Inventory - Regional	\$54,786	\$181,126	\$275,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$560,912	2015	10	100%	\$ -	\$ 0.001	\$ 0.002	\$ 0.002	\$ 0.002	\$ 0.001
35			Lake Youngs Building Imprvmts	\$91,367	\$135,639	\$82,800	\$73,200	\$100,000	\$75,000	\$75,000	\$75,000	\$75,000	\$783,006	2020	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36			Lake Youngs Facilities Development	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$500,000	\$2,000,000	\$2,650,000	2020	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37			Tolt/Duval Facilities Development	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$500,000	\$650,000	2020	50	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
38	Existing Supply Total			\$27,043,266	\$9,583,681	\$11,977,794	\$16,189,928	\$25,607,486	\$19,942,963	\$5,009,434	\$5,615,650	\$5,711,000	\$113,826,661				\$ 0.007	\$ 0.028	\$ 0.066	\$ 0.152	\$ 0.175	\$ 0.177
39	Existing Transmission	Water Quality & Treatment	Reservoir Covering Maple Leaf	\$38,060,338	\$775,703	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$39,586,041	2014	50	100%	\$ 0.047	\$ 0.061	\$ 0.060	\$ 0.059	\$ 0.058	\$ 0.057
40			Maple Leaf Reservoir Seismic	\$0	\$100,000	\$350,000	\$500,000	\$50,000	\$0	\$0	\$0	\$0	\$1,000,000	2016	50	100%	\$ -	\$ -	\$ 0.001	\$ 0.002	\$ 0.002	\$ 0.001
41			Reservoir Covering-Lake Forest Park	\$0	\$0	\$0	\$0	\$0	\$0	\$590,000	\$11,570,000	\$12,160,000	2022	20	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
42			Treatment Facility/WQ Improve	--	\$92,844	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	--	--	various***	25	100%	\$ -	\$ -	\$ 0.001	\$ 0.001	\$ 0.001	\$ 0.001
43		Transmission	Transmission Pipelines Rehab	--	\$175,000	\$1,061,176	\$1,082,450	\$1,104,117	\$1,126,199	\$1,148,723	\$1,171,698	--	--	various***	20	100%	\$ 0.001	\$ 0.004	\$ 0.007	\$ 0.009	\$ 0.011	\$ 0.013
44			Tolt Slide Improvements	\$0	\$20,000	\$315,000	\$2,375,000	\$300,000	\$150,000	\$150,000	\$150,000	\$600,000	\$4,060,000	2020	30	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
45			CP on TESSL near NE 124 ST	\$56,764	\$100,058	\$525,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$825,058	2016	10	100%	\$ -	\$ -	\$ 0.001	\$ 0.002	\$ 0.002	\$ 0.002
46		Shared Cost Projects	Maple Leaf Gatehouse	\$156,764	\$352,631	\$875,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$1,424,395	2015	30	100%	\$ -	\$ 0.002	\$ 0.003	\$ 0.002	\$ 0.002	\$ 0.002
47	Existing Transmission Total			\$38,217,102	\$1,616,236	\$3,976,176	\$4,297,450	\$1,554,117	\$1,376,199	\$1,398,723	\$2,011,698	\$12,170,000	\$59,055,494				\$ 0.048	\$ 0.067	\$ 0.073	\$ 0.075	\$ 0.076	\$ 0.076
48	Individual Purveyors	Transmission	Purveyor Meters	--	\$209,595	\$102,000	\$104,000	\$106,000	\$108,000	\$110,500	\$113,000	--	--	various***		N/A, not rate based	N/A	N/A	N/A	N/A	N/A	N/A
49	Individual Purveyors Total			--	\$209,595	\$102,000	\$104,000	\$106,000	\$108,000	\$110,500	\$113,000	--	--									
50	Subregion - SW	Water Quality & Treatment	Reservoir Covering West Seattle	\$33,122,175	\$100,001	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$33,397,176	2014	50	8%	\$ 0.041	\$ 0.053	\$ 0.052	\$ 0.052	\$ 0.051	\$ 0.050
51			West Seattle Reservoir Seismic	\$521,367	\$883,362	\$3,000,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$4,504,729	2015	50	8%	\$ -	\$ 0.005	\$ 0.007	\$ 0.007	\$ 0.007	\$ 0.007
52	Subregion - SW Total			\$33,643,542	\$983,363	\$3,175,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$37,901,905				\$ 0.041	\$ 0.058	\$ 0.059	\$ 0.059	\$ 0.058	\$ 0.057
53	Various*																					