

DRAFT 5-YEAR CIP REQUEST		2018	2019	2020	2021	2022	5-Year Total
E04891	Rehab; Repair & Modifications	3,300,000	4,000,000	4,000,000	4,000,000	4,000,000	19,300,000
<u>Secondary Expansion project suite</u>							
E07947	CBWTP Secondary Trmt Exp (assumes permit ext.)	800,000	2,200,000	2,200,000	7,000,000	22,000,000	34,200,000
NEW	CBWTP Secondary Exp - Site Prep Projects	865,000	1,600,000	10,000,000	3,200,000	600,000	16,265,000
E10365	CBWTP Solids Handling Improvements	460,000	1,000,000	2,500,000	9,100,000	10,090,000	23,150,000
<u>Secondary Expansion - related non-process projects</u>							
NEW	EST & training building			250,000	650,000	3,000,000	3,900,000
E10594	Dodd/Admin Remodel	600,000	2,000,000	1,550,000	30,000		4,180,000
<u>Other Projects at CBWTP</u>							
E10567	Wash Water Lines	225,000	3,300,000	25,000			3,550,000
E06072	CBWTP Lagoon	4,300,000	4,700,000	640,000	110,000	150,000	9,900,000
E10616	CBWTP Digester Improvements	500,000	0	0	0	0	500,000
E10033	CBWTP Biogas - timing uncertain	4,700,000	4,300,000	0	0	0	9,000,000
E06923	WWTF Outfall Diffuser Extention	510,000	360,000	1,333,000	51,000	0	2,254,000
E10483	CBWTP Reuse System Replacement	0	0	430,000	435,000	2,500,000	3,365,000
E10804	CBWTP Food Waste Receiving Facility	235,000	245,000	2,776,000	1,519,000	0	4,775,000
E10805	CBWTP Headworks Screenings Improvements	500,000	430,000	4,000,000	4,800,000	60,000	9,790,000
E10806	CBWTP RAS Piping Upgrade	100,000	710,000	4,300,000	320,000	0	5,430,000
NEW	CBWTP - Replace Electrical Substation	300,000	750,000	1,500,000	2,500,000	0	5,050,000
NEW	CBWTP - Aeration Basins Rehab			50,000	100,000	1,090,000	1,240,000
NEW	CBWTP - Residuals Handling				50,000	500,000	550,000
NEW	Fiber System Reliability	100,000	690,000				790,000
<u>Projects at TCWTP</u>							
E10694	TCWTP Secondary Process Improvement	820,000	1,000,000	3,400,000	480,000	0	5,700,000
E10582	TCWTP Headworks Improvements	3,500,000	8,000,000	21,000,000	15,000,000	0	47,500,000
<u>Pump Station Projects</u>							
E10657	Pump Station Improvement Program	4,000,000	4,000,000	4,000,000	5,000,000	5,000,000	22,000,000
E10529	Airport 1 PS	1,900,000	300,000			0	2,200,000
E10611	Force Ave PS	500,000	1,500,000	2,500,000	100,000	0	4,600,000
E10359	Alder PS Upgrade	3,360,000	500,000	0	0	0	3,860,000
E10807	Inverness PS Force Main System Improvments	401,000	2,533,000	1,610,000	726,000	1,504,000	6,774,000
NEW	Sewer Level Remote Telemetry (SLRT)	50,000	50,000	120,000	960,000	960,000	2,140,000
SEWAGE TREATMENT TOTAL:		32,026,000	44,168,000	68,184,000	56,131,000	51,454,000	251,963,000
<u>Pipe capacity in the combined system</u>							
E10216	Stark HSS-17	0	300,000	1,100,000	990,000	7,000,000	9,390,000
E08385	Beech Essex CP-G	0	0	0	0	930,000	930,000
E08656	Beech-Essex CP-J	0	260,000	750,000	4,700,000	3,300,000	9,010,000
NEW	Oak A Sandy Trunk		500,000	1,000,000	1,000,000	6,000,000	8,500,000
NEW	Oak A Collectors					500,000	500,000
E08658	East Nicolai	0	0	0	100,000	450,000	550,000
E10028	South Tanner				300,000	900,000	1,200,000
E10663	Slabtown Sewer Replacement	7,100,000	2,000,000	0	0	0	9,100,000
E10696	NW Thurman St Reconstruction	240,000	1,600,000	579,000	0	0	2,419,000
E08659	SE Powell Recon & GRST	92,000	90,000	0	0	0	182,000
E08668	SE Hawthorne-Salmon Recon GRST	50,000	50,000	0	0	0	100,000
E08790	Taggart D Phase 2	0	0	0	0	830,000	830,000
E10489	Richmond Neighborhd Sewer Rehab/GrnSt	0	0	100,000	550,000	2,000,000	2,650,000
E10219	Wheeler WHE-04	6,000,000	2,400,000	0	0	0	8,400,000
E10367	Sunnyside North Recon/GRST	4,000,000	3,000,000	0	0	0	7,000,000
E10368	Sunnyside South Recon/GRST	275,000	865,000	2,840,000	2,825,000	50,000	6,855,000
E10369	Ladd's Addition South Recon/GRST	0	0	245,000	560,000	2,040,000	2,845,000
E10370	Sunnyside East Recon/GRST	3,600,000	50,000	0	0	0	3,650,000
E10371	Buckman East Recon/GRST	0	310,000	720,000	3,075,000	3,130,000	7,235,000
E10490	CSO Pressure Relief	100,000	0	0	0	0	100,000
E10808	Small Urgent Capacity Projects	500,000	500,000	500,000	500,000	500,000	2,500,000
<u>Pipe capacity in the separated system</u>							
E10035	Fanno Creek I/I	0	320,000	1,100,000	2,700,000	5,168,000	9,288,000
E10474	Burlingame Basin I/I	3,140,000	1,000,000	1,000,000	2,000,000	1,000,000	8,140,000

DRAFT 5-YEAR CIP REQUEST		2018	2019	2020	2021	2022	5-Year Total
<u>Projects to address pipe condition</u>							
E10030	SE Interceptor Rehabilitation	8,000,000	0	0	0	500,000	8,500,000
E10220	Structural Rehabilitation Taggart OF 30	500,000	8,000,000	3,750,000	0	0	12,250,000
E10251	Tryon SS Protection: 1A TCWTP to Hwy 43	100,000	1,600,000	0	0	0	1,700,000
E10031	Phase 2 Pipe Rehab	13,965,000	1,000,000	0	0	0	14,965,000
E10500	Phase 3 Pipe Rehab	16,000,000	23,700,000	23,500,000	24,000,000	25,000,000	112,200,000
E10576	Large Diameter Sewer Rehab	350,000	2,710,000	8,960,000	4,000,000	14,000,000	30,020,000
E04861	Maintenance Capital - Construction	240,000	240,000	240,000	240,000	250,000	1,210,000
E10656	Maintenance Capital - Contract	3,000,000	3,000,000	3,500,000	4,000,000	4,000,000	17,500,000
<u>Other M&R</u>							
E10594	Capital Maint-Non Process Facilities	600,000	800,000	3,300,000	600,000	1,000,000	6,300,000
E10222	OCIP Phase IV	300,000	300,000	300,000			900,000
MAINTENANCE & RELIABILITY TOTAL:		68,152,000	53,495,000	49,884,000	51,540,000	77,548,000	300,619,000
<u>Projects in Johnson Creek</u>							
E07158	River Mile 9.6 Floodplain Restoration	800,000	20,000	20,000	0	0	840,000
E07383	Springwater Wetland	150,000	0	0	0	0	150,000
E08247	Brunkow	370,000	0	0	0	0	370,000
E08382	Freeway Land Co Floodplain Restoration	50,000	100,000	100,000	100,000	2,000,000	2,350,000
E08406	Oxbow	500,000	10,000	0	0	0	510,000
E10040	Willing Seller Phase 2	500,000	500,000	500,000	500,000	500,000	2,500,000
<u>Projects in Fanno/Tryon</u>							
E08675	Beaverton Hillsdale Hwy	500,000	1,000,000	1,000,000	784,000	0	3,284,000
E08676	SW 45th Ave Culvert	1,000,000	0	0	0	0	1,000,000
E08682	Boones Ferry Culvert	1,000,000	4,100,000	0	0	0	5,100,000
E10691	SW Shattuck Rd Culvert Replacement	0	0	0	0	100,000	100,000
E10373	Drainage Shoulder Improvements	0	125,000	521,000	1,021,000	974,000	2,641,000
<u>Projects in the Columbia Slough</u>							
E10563	Columbia Slough Outfalls	2,780,000	150,000	1,000,000	2,000,000	2,000,000	7,930,000
<u>Other Watershed projects</u>							
E08576	Oaks Bottom Culvert - <i>timing depends on Corps</i>	100,000	1,800,000	0	0	0	1,900,000
E08782	Watershed Investment Program	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	7,000,000
E10486	Watershed Land Acquisition Program	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
E10488	Stephens Creek Phase 1 Improvements	500,000	1,815,000	2,011,000	3,011,000	4,000,000	11,337,000
E10809	Culverts Phase 3	50,000	50,000	250,000	920,000	920,000	2,190,000
E10583	Balch Creek Trash Rack	300,000	400,000	1,000,000			1,700,000
SURFACE WATER MANAGEMENT TOTAL:		11,600,000	13,570,000	9,902,000	11,836,000	13,994,000	60,902,000
E04894	Drainage Improvement	250,000	250,000	250,000	250,000	250,000	1,250,000
E04895	PBOT Interagency	350,000	350,000	350,000	350,000	350,000	1,750,000
E05219	Permit Reimbursement	100,000	100,000	45,000	45,000	45,000	335,000
E08748	Party Sewers	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
E10263	Sewer Easements on Existing Sewers	50,000	50,000	50,000	50,000	50,000	250,000
E10413	SW Terwilliger Sanitary Sewer Extension	300,000	0	0	0	0	300,000
E10491	Swr Ext Septic Sys w/High Failure Risk	100,000	1,000,000	100,000	100,000	1,000,000	2,300,000
SYSTEMS DEVELOPMENT TOTAL:		3,150,000	2,750,000	1,795,000	1,795,000	2,695,000	12,185,000
Totals:		114,928,000	113,983,000	129,765,000	121,302,000	145,691,000	625,669,000
Portland Building Contribution					40,000,000		40,000,000
Total with Portland Building:		114,928,000	113,983,000	129,765,000	161,302,000	145,691,000	665,669,000
Approved FY17-21 Budget:		115,985,000	110,288,000	112,555,000	111,392,000	103,638,000	553,858,000