Summary

2018 Wastewater CFP

Asphalt Overlay Adjustments - Sewer (Program #9021)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 11,000	$ 12,000	$ 60,000	$ 72,000
TOTAL	**$ 11,000**	**$ 12,000**	**$ 60,000**	**$ 72,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
Rates	$ 11,000	$ 12,000	$ 60,000	$ 72,000
TOTAL	**$ 11,000**	**$ 12,000**	**$ 60,000**	**$ 72,000**

Infrastructure Predesign and Planning - Sewer (Program #9903)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Predesign and Planning	$ 40,000	$ 42,000	$ 210,000	$ 252,000
TOTAL	**$ 40,000**	**$ 42,000**	**$ 210,000**	**$ 252,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
Rates	$ 40,000	$ 42,000	$ 210,000	$ 252,000
TOTAL	**$ 40,000**	**$ 42,000**	**$ 210,000**	**$ 252,000**

Lift Stations—Sewer (Program #9806)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 676,800	$ 468,800	2,155,000.0	$ 2,623,800
Design & Engineering	$ 454,200	$ 17,200	515,000.0	$ 532,200
TOTAL	**$ 1,131,000**	**$ 486,000**	**$ 2,670,000**	**$ 3,156,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
General Facility Charges (GFCs)	$ 130,000	$ -	1,510,750.0	$ 1,510,750
Rates	$ 1,001,000	$ 486,000	1,159,250.0	$ 1,645,250
TOTAL	**$ 1,131,000**	**$ 486,000**	**$ 2,670,000**	**$ 3,156,000**

Onsite Sewage System Conversions - Sewer (Program #9813)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 272,800	$ 287,200	$ 1,364,000	$ 1,651,200
Design & Engineering	$ 68,200	$ 71,800	$ 341,000	$ 412,800
TOTAL	**$ 341,000**	**$ 359,000**	**$ 1,705,000**	**$ 2,064,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
General Facility Charges (GFCs)	$ 341,000	$ 359,000	$ 1,795,000	$ 2,154,000
TOTAL	**$ 341,000**	**$ 359,000**	**$ 1,795,000**	**$ 2,154,000**

Summary

2018 Wastewater CFP

Replacement and Repair Projects - Sewer (Program #9703)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 476,000	$ 1,000,800	$ 2,162,400	$ 3,163,200
Design & Engineering	$ 119,000	$ 250,200	$ 540,600	$ 790,800
TOTAL	**$ 595,000**	**$ 1,251,000**	**$ 2,703,000**	**$ 3,954,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
Rates	$ 595,000	$ 1,251,000	$ 2,703,000	$ 3,954,000
TOTAL	**$ 595,000**	**$ 1,251,000**	**$ 2,703,000**	**$ 3,954,000**

Sewer System Planning - Sewer (Program #9808)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 47,700	$ 51,300	$ 256,500	$ 307,800
Design & Engineering	$ 5,300	$ 5,700	$ 28,500	$ 34,200
TOTAL	**$ 53,000**	**$ 57,000**	**$ 285,000**	**$ 342,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
Rates	$ 53,000	$ 57,000	$ 285,000	$ 342,000
TOTAL	**$ 53,000**	**$ 57,000**	**$ 285,000**	**$ 342,000**

WW UTILITY TOTALS:	**$ 2,171,000**	**$ 2,207,000**	**$ 7,723,000**	**$ 9,930,000**

City of Olympia

Wastewater Utility

DRAFT - Capital Facilities Plan

	Description	Total Expenditure (2018-2023)	Years
9021	**Asphalt Overlay Adjustments**	-	
	Asphalt Overlay Adjustments	72,000	2018-2023
9703	**Replacements and Repairs**	-	
	Prioritized Repairs	2,400,000	2018-2023
	Spot Repairs	678,000	2018-2023
	Manhole Repair and Replacement	226,000	2018
	Side Sewer Repairs	150,000	2018-2023
	SE Area STEP Conversions	500,000	2018
9806	**Lift Stations**	-	
	Miller and Central Lift Station Upgrade Construction	677,000	2019
	Onsite Generator Replacement Plan	516,000	2018-2023
	Water St Lift Station Generator Construction	400,000	2018
	Old Port II Lift Station Upgrade Design	143,000	2019
	Old Port II Lift Station Upgrade Construction	567,000	2020
	Roosevelt & Yew Lift Station Upgrade Design	143,000	2021
	Roosevelt & Yew Lift Station Upgrade Construction	567,000	2022
	Jasper Lift Station Upgrade Design	143,000	2023
	Jasper Lift Station Upgrade Construction	-	
9808	**Sewer System Planning**	-	
	Sewer System Televising and Condition Rating Program	150,000	2018-2023
	Sewer Force Main Condition Assessment Program	192,000	2018-2023
9813	**Onsite Sewage System Conversions**	-	
	Annual Sewer Extensions	1,020,000	2018-2023
	Neighborhood Sewer Program	1,134,000	2018-2023
9903	**Infrastructure Pre-Design and Planning**	-	
	Pre-Design and Planning	252,000	2018-2023
		-	
	TOTAL	$ 9,930,000	

City of Olympia

Wastewater Utility

DRAFT - Capital Facilities Plan

	Description	Total Expenditure (2018-2023)	Total Expenditure (2019-2023)	2018	2019	2020	2021	2022	2023
9021	**Asphalt Overlay Adjustments**	-	-						
	Asphalt Overlay Adjustments	**72,000**	**60,000**	12,000	12,000	12,000	12,000	12,000	12,000
9703	**Replacements and Repairs**	-	-						
	Prioritized Repairs	**2,400,000**	**1,900,000**	500,000	500,000	500,000	300,000	300,000	300,000
	Spot Repairs	**678,000**	**565,000**	113,000	113,000	113,000	113,000	113,000	113,000
	Manhole Repair and Replacement	**226,000**	**113,000**	113,000			113,000		
	Side Sewer Repairs	**150,000**	**125,000**	25,000	25,000	25,000	25,000	25,000	25,000
	SE Area STEP Conversions	**500,000**	-	500,000					
9806	**Lift Stations**	-	-						
	Miller and Central Lift Station Upgrade Construction	**677,000**	**677,000**		677,000				
	Onsite Generator Replacement Plan	**516,000**	**430,000**	86,000	86,000	86,000	86,000	86,000	86,000
	Water St Lift Station Generator Construction	**400,000**	-	400,000					
	Old Port II Lift Station Upgrade Design	**143,000**	**143,000**		143,000				
	Old Port II Lift Station Upgrade Construction	**567,000**	**567,000**			567,000			
	Roosevelt & Yew Lift Station Upgrade Design	**143,000**	**143,000**				143,000		
	Roosevelt & Yew Lift Station Upgrade Construction	**567,000**	**567,000**					567,000	
	Jasper Lift Station Upgrade Design	**143,000**	**143,000**						143,000
	Jasper Lift Station Upgrade Construction	-	-						
9808	**Sewer System Planning**	-	-						
	Sewer System Televising and Condition Rating Program	**150,000**	**125,000**	25,000	25,000	25,000	25,000	25,000	25,000
	Sewer Force Main Condition Assessment Program	**192,000**	**160,000**	32,000	32,000	32,000	32,000	32,000	32,000
9813	**Onsite Sewage System Conversions**	-	-						
	Annual Sewer Extensions	**1,020,000**	**850,000**	170,000	170,000	170,000	170,000	170,000	170,000
	Neighborhood Sewer Program	**1,134,000**	**945,000**	189,000	189,000	189,000	189,000	189,000	189,000
9903	**Infrastructure Pre-Design and Planning**	-	-						
	Pre-Design and Planning	**252,000**	**210,000**	42,000	42,000	42,000	42,000	42,000	42,000
		-	-						
	TOTAL	**$ 9,930,000**	**$ 7,723,000**	**$ 2,207,000**	**$ 2,014,000**	**$ 1,761,000**	**$ 1,250,000**	**$ 1,561,000**	**$ 1,137,000**

Summary

2018 Drinking Water CFP

Asphalt Overlay Adjustments—Water (Program # 9021)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 11,000	$ 12,000	$ 60,000	$ 72,000
TOTAL	**$ 11,000**	**$ 12,000**	**$ 60,000**	**$ 72,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
Rates	$ 11,000	$ 12,000	$ 60,000	$ 72,000
TOTAL	**$ 11,000**	**$ 12,000**	**$ 60,000**	**$ 72,000**

Groundwater Protection—Water (Program #9701)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 171,200	$ 180,000	-	$ 180,000
Design & Engineering	$ 310,800	$ 215,000	$ -	$ 215,000
Land & Right of Way	$ -	$ 18,000	$ 36,000	$ 54,000
TOTAL	**$ 482,000**	**$ 413,000**	**$ 36,000**	**$ 449,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
Rates	$ 482,000	$ 413,000	$ 36,000	$ 449,000
TOTAL	**$ 482,000**	**$ 413,000**	**$ 36,000**	**$ 449,000**

Infrastructure Pre-Design and Planning—Water (Program #9903)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Engineering	$ 22,000	$ 24,000	$ 120,000	$ 144,000
TOTAL	**$ 22,000**	**$ 24,000**	**$ 120,000**	**$ 144,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
Rates	$ 22,000	$ 24,000	$ 120,000	$ 144,000
TOTAL	**$ 22,000**	**$ 24,000**	**$ 120,000**	**$ 144,000**

Reclaimed Water (Program #9710)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ -	$ -	$ 90,400	$ 90,400
Design and Engineering	$ -	$ -	$ 22,600	$ 22,600
TOTAL	**$ -**	**$ -**	**$ 113,000**	**$ 113,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
Rates	$ -		$ 113,000	$ 113,000
TOTAL	**$ -**	**$ -**	**$ 113,000**	**$ 113,000**

Small Diameter Water Pipe Replacement—Water (Program #9408)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 429,000	$ 450,400	$ 2,252,000	$ 2,702,400
Design and Engineering	$ 107,000	$ 112,600	$ 563,000	$ 675,600
TOTAL	**$ 536,000**	**$ 563,000**	**$ 2,815,000**	**$ 3,378,000**

FUNDING SOURCES:	2017		2019-2023	2018-2023
Rates	$ 536,000	$ 563,000	$ 2,815,000	$ 3,378,000
TOTAL	**$ 536,000**	**$ 563,000**	**$ 2,815,000**	**$ 3,378,000**

Summary

2018 Drinking Water CFP

Transmission and Distribution Projects—Water (Program #9609)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 1,995,400	$ 1,142,200	$ 9,466,400	$ 10,608,600
Design and Engineering	$ 747,600	$ 547,800	$ 3,481,600	$ 4,029,400
TOTAL	**$ 2,743,000**	**$ 1,690,000**	**$ 12,948,000**	**$ 14,638,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
General Facility Charges	$ 232,500	$ 186,000	$ 1,409,750	$ 1,595,750
Rates	$ 2,510,500	$ 1,504,000	$ 11,538,250	$ 13,042,250
TOTAL	**$ 2,743,000**	**$ 1,690,000**	**$ 12,948,000**	**$ 14,638,000**

Water Source Development and Protection (Program #9700)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 896,000	$ 32,000	$ 2,591,200	$ 2,623,200
Design & Engineering	$ 224,000	$ 8,000	$ 1,251,800	$ 1,259,800
TOTAL	**$ 1,120,000**	**$ 40,000**	**$ 3,843,000**	**$ 3,883,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
General Facility Charges	$ 635,000	$ 20,000	$ 3,743,000	$ 3,763,000
Rates	$ 485,000	$ 20,000	$ 100,000	$ 120,000
TOTAL	**$ 1,120,000**	**$ 40,000**	**$ 3,843,000**	**$ 3,883,000**

Water Storage Systems (Program #9610)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
Construction	$ 1,002,000	$ 3,299,000	$ 1,246,400	$ 4,545,400
Design & Engineering	$ 250,500	$ 141,600	$ 170,000	$ 311,600
TOTAL	**$ 1,252,500**	**$ 3,440,600**	**$ 1,416,400**	**$ 4,857,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
General Facility Charges (GFCs	$ -		$ -	$ -
Rates	$ 1,252,500	$ 3,440,600	$ 1,416,400	$ 4,857,000
TOTAL	**$ 1,252,500**	**$ 3,440,600**	**$ 1,416,400**	**$ 4,857,000**

Water System Planning (Program #9906)

CAPITAL COSTS:	2017	2018	2019-2023	2018-2023
PreDesign and Planning	$ -	$ -	$ 338,000	$ 338,000
TOTAL	**$ -**	**$ -**	**$ 338,000**	**$ 338,000**

FUNDING SOURCES:	2017	2018	2019-2023	2018-2023
General Facility Charges (GFCs	$ -	$ -	$ 169,000	$ 169,000
Rates	$ -	$ -	$ 169,000	$ 169,000
TOTAL	**$ -**	**$ -**	**$ 338,000**	**$ 338,000**

DW UTILITY TOTALS:	**$ 6,166,500**	**$ 6,182,600**	**$ 21,689,400**	**$ 27,872,000**

City of Olympia

Drinking Water Utility

DRAFT - Capital Facilities Plan (Inflated Dollars)

	Description	Total Expenditure (2018-2023)	Years
9021	**Asphalt Overlay Adjustments**	-	
	Asphalt Overlay Adjustments	72,000	2018-2023
9408	**Small Diameter Water Pipe Replacement**	-	
	Small Diameter Water Pipe Replacement	3,378,000	2018-2023
9609	**Transmission and Distribution**	-	
	Aging Pipe Replacement	3,378,000	2018-2023
	Asset Management Program	342,000	2018-2023
	Corrosion Control Aeration Tower Condition Assessment & Upgrades	174,000	2018-2023
	Cross Country Mains	174,000	2018-2023
	Distribution and Transmission Main Condition Assessment	1,104,000	2018-2023
	Distribution System Oversizing	186,000	2018-2023
	On-site Generator Replacement Plan	516,000	2018-2023
	Security and Remote Systems Plan	318,000	2018-2023
	Booster Station Upgrade / Rehabilitation	1,020,000	2018-2023
	Water Meter Replacement Program	1,578,000	2018-2023
	Fones Road Water Main Design	330,000	2019
	Fones Road Water Main Construction	2,380,000	2020
	Eastside St and Henderson Blvd Water Main Extension Design	291,800	2022
	Eastside St and Henderson Blvd Water Main Extension Construction	1,167,200	2023
	PRV Telemetry	62,000	2021
	Park Drive Booster Pump Station Design	275,000	2019
	Park Drive Booster Pump Station Construction	825,000	2020
	Pressure Reducing Valve - East Bay Drive	292,000	2019
	Kenyon Ross Intertie and Otis St PRV	225,000	2018
9610	**Water Storage Systems**	-	
	Elliot Reservoir Seismic Retrofit Construction	1,591,000	2018
	Fir Street #1 and #2 Reservoirs Seismic Retrofit Construction	1,708,000	2018
	Hoffman Court Reservoir Coating Replacement Design	141,600	2018
	Hoffman Court Reservoir Coating Replacement Construction	566,400	2019
	Storage Reservoir Coatings (Interior/Exterior)	850,000	2019-2023
9700	**Water Source Development & Protection**	-	
	McAllister Wellfield Mitigation (Smith Property Restoration)	180,000	2018-2022

	Description	Total Expenditure (2018-2023)	Years
	McAllister Wellfield Mitigation (Woodland Creek Infiltration Facility)	60,000	2018-2023
	Hoffman Well Treatment Design	607,800	2022
	Hoffman Well Treatment Construction	2,431,200	2023
	Briggs Well Design	547,000	2023
	Briggs Well Construction	-	
	Olympia Brewery Water Engineering Analysis	57,000	2020
9701	**Groundwater Protection**	-	
	Groundwater Monitoring Wells	225,000	2018
	Wellhead Protection Program	170,000	2018
	Groundwater Protection (Eastments, Appraisels,etc.)	54,000	2018-2022
9710	**Reclaimed Water**	-	
	Reclaimed Water Filling Stations	113,000	2020
9903	**Infrastructure Pre-Design and Planning**	-	
	Pre-Design and Planning	144,000	2018-2023
9906	**Water System Planning**	-	
	Update of six-year Water System Plan	338,000	2020
		-	
	TOTAL	$ 27,872,000	

City of Olympia

Drinking Water Utility

DRAFT - Capital Facilities Plan (Inflated Dollars)

	Description	Total Expenditure (2018-2023)	Total Expenditure (2019-2023)	2018	2019	2020	2021	2022	2023
9021	**Asphalt Overlay Adjustments**	-	-						
	Asphalt Overlay Adjustments	**72,000**	**60,000**	12,000	12,000	12,000	12,000	12,000	12,000
9408	**Small Diameter Water Pipe Replacement**	-	-						
	Small Diameter Water Pipe Replacement	**3,378,000**	**2,815,000**	563,000	563,000	563,000	563,000	563,000	563,000
9609	**Transmission and Distribution**	-	-						
	Aging Pipe Replacement	**3,378,000**	**2,815,000**	563,000	563,000	563,000	563,000	563,000	563,000
	Asset Management Program	**342,000**	**285,000**	57,000	57,000	57,000	57,000	57,000	57,000
	Corrosion Control Aeration Tower Condition Assessment & Upgrades	**174,000**	**145,000**	29,000	29,000	29,000	29,000	29,000	29,000
	Cross Country Mains	**174,000**	**145,000**	29,000	29,000	29,000	29,000	29,000	29,000
	Distribution and Transmission Main Condition Assessment	**1,104,000**	**920,000**	184,000	184,000	184,000	184,000	184,000	184,000
	Distribution System Oversizing	**186,000**	**155,000**	31,000	31,000	31,000	31,000	31,000	31,000
	On-site Generator Replacement Plan	**516,000**	**430,000**	86,000	86,000	86,000	86,000	86,000	86,000
	Security and Remote Systems Plan	**318,000**	**265,000**	53,000	53,000	53,000	53,000	53,000	53,000
	Booster Station Upgrade / Rehabilitation	**1,020,000**	**850,000**	170,000	170,000	170,000	170,000	170,000	170,000
	Water Meter Replacement Program	**1,578,000**	**1,315,000**	263,000	263,000	263,000	263,000	263,000	263,000
	Fones Road Water Main Design	**330,000**	**330,000**		330,000				
	Fones Road Water Main Construction	**2,380,000**	**2,380,000**			2,380,000			
	Eastside St and Henderson Blvd Water Main Extension Design	**291,800**	**291,800**					291,800	
	Eastside St and Henderson Blvd Water Main Extension Construction	**1,167,200**	**1,167,200**						1,167,200
	PRV Telemetry	**62,000**	**62,000**				62,000		
	Park Drive Booster Pump Station Design	**275,000**	**275,000**		275,000				
	Park Drive Booster Pump Station Construction	**825,000**	**825,000**			825,000			
	Pressure Reducing Valve - East Bay Drive	**292,000**	**292,000**		292,000				
	Kenyon Ross Intertie and Otis St PRV	**225,000**	-	225,000					
9610	**Water Storage Systems**	-	-						
	Elliot Reservoir Seismic Retrofit Construction	**1,591,000**	-	1,591,000					
	Fir Street #1 and #2 Reservoirs Seismic Retrofit Construction	**1,708,000**	-	1,708,000					
	Hoffman Court Reservoir Coating Replacement Design	**141,600**	-	141,600					
	Hoffman Court Reservoir Coating Replacement Construction	**566,400**	**566,400**		566,400				
	Storage Reservoir Coatings (Interior/Exterior)	**850,000**	**850,000**		170,000	170,000	170,000	170,000	170,000
9700	**Water Source Development & Protection**	-	-						
	McAllister Wellfield Mitigation (Smith Property Restoration)	**180,000**	**150,000**	30,000	30,000	30,000	30,000	30,000	30,000
	McAllister Wellfield Mitigation (Woodland Creek Infiltration Facility)	**60,000**	**50,000**	10,000	10,000	10,000	10,000	10,000	10,000
	Hoffman Well Treatment Design	**607,800**	**607,800**					607,800	

	Description	Total Expenditure (2018-2023)	Total Expenditure (2019-2023)	2018	2019	2020	2021	2022	2023
	Hoffman Well Treatment Construction	**2,431,200**	**2,431,200**						2,431,200
	Briggs Well Design	**547,000**	**547,000**						547,000
	Briggs Well Construction	**-**	**-**						
	Olympia Brewery Water Engineering Analysis	**57,000**	**57,000**			57,000			
9701	**Groundwater Protection**	**-**	**-**						
	Groundwater Monitoring Wells	**225,000**	**-**	225,000					
	Wellhead Protection Program	**170,000**	**-**	170,000					
	Groundwater Protection (Eastments, Appraisels,etc.)	**54,000**	**36,000**	18,000		18,000		18,000	
9710	**Reclaimed Water**	**-**	**-**						
	Reclaimed Water Filling Stations	**113,000**	**113,000**			113,000			
9903	**Infrastructure Pre-Design and Planning**	**-**	**-**						
	Pre-Design and Planning	**144,000**	**120,000**	24,000	24,000	24,000	24,000	24,000	24,000
9906	**Water System Planning**	**-**	**-**						
	Update of six-year Water System Plan	**338,000**	**338,000**			338,000			
		-	**-**						
	TOTAL	**$ 27,872,000**	**$ 21,689,400**	**$ 6,182,600**	**$ 3,737,400**	**$ 6,005,000**	**$ 2,336,000**	**$ 3,191,600**	**$ 6,419,400**

Summary

2018 Storm and Surface Water CFP

Aquatic Habitat Improvements - Stormwater (Program #9024)

CAPITAL COSTS:	2017	2018	2019-2023	TOTAL
Construction	$ 140,000	$ 100,000	$ 500,000	$ 600,000
Planning & Design	$ 220,000	$ 166,000	$ 830,000	$ 996,000
TOTAL	**$ 360,000**	**$ 266,000**	**$ 1,330,000**	**$ 1,596,000**

FUNDING SOURCES:	2017	2018	2019-2023	TOTAL
Rates	$ 360,000	$ 266,000	$ 1,330,000	$ 1,596,000
TOTAL	**$ 360,000**	**$ 266,000**	**$ 1,330,000**	**$ 1,596,000**

Asphalt Overlay/Sidewalks & Pathways (Program #9001)

This program is accounted for in the Transportation Section

CAPITAL COSTS:	2017	2018	2019-2023	TOTAL
Construction	$ 186,500	$ 150,000	$ 750,000	$ 900,000
TOTAL	**$ 186,500**	**$ 150,000**	**$ 750,000**	**$ 900,000**

FUNDING SOURCES:	2017	2018	2019-2023	TOTAL
Rates	$ 186,500	$ 150,000	$ 750,000	$ 900,000
TOTAL	**$ 186,500**	**$ 150,000**	**$ 750,000**	**$ 900,000**

Flood Mitigation & Collection - Stormwater (Program #9028)

CAPITAL COSTS:	2017	2018	2019-2023	TOTAL
Construction	$ 343,325	$ 2,007,750	$ 4,109,250	$ 6,117,000
Design & Engineering	$ 550,375	$ 965,250	$ 1,369,750	$ 2,335,000
TOTAL	**$ 893,700**	**$ 2,973,000**	**$ 5,479,000**	**$ 8,452,000**

FUNDING SOURCES:	2017	2018	2019-2023	TOTAL
General Facility Charges (GFCs	$ 250,000	$ 1,284,500	$ 658,500	$ 1,943,000
Rates	$ 643,700	$ 1,688,500	$ 4,820,500	$ 6,509,000
TOTAL	**$ 893,700**	**$ 2,973,000**	**$ 5,479,000**	**$ 8,452,000**

Infrastructure Pre-Design & Planning - Stormwater (Program #9903)

CAPITAL COSTS:	2017	2018	2019-2023	TOTAL
Pre-Design & Planning	$ 178,400	$ 75,000	$ 375,000	$ 450,000
TOTAL	**$ 178,400**	**$ 75,000**	**$ 375,000**	**$ 450,000**

FUNDING SOURCES:	2017	2018	2019-2023	TOTAL
Rates	$ 178,400	$ 75,000	$ 375,000	$ 450,000
TOTAL	**$ 178,400**	**$ 75,000**	**$ 375,000**	**$ 450,000**

Summary
2018 Storm and Surface Water CFP

Water Quality Improvements - Stormwater (Program #9027)

CAPITAL COSTS:	2017	2018	2019-2023	TOTAL
Construction	$ 400,500	$ 450,000	$ 760,000	$ 1,210,000
Design & Engineering	$ 283,500	$ 150,000	$ 2,280,000	$ 2,430,000
TOTAL	**$ 684,000**	**$ 600,000**	**$ 3,040,000**	**$ 3,640,000**

FUNDING SOURCES:	2017	2018	2019-2023	TOTAL
Rates	$ 171,000	$ 150,000	$ 760,000	$ 910,000
Storm Water Utility Grant	$ 513,000	$ 450,000	$ 2,280,000	$ 2,730,000
TOTAL	**$ 684,000**	**$ 600,000**	**$ 3,040,000**	**$ 3,640,000**

Utility Totals	**$ 2,302,600**	**$ 4,064,000**	**$ 10,974,000**

City of Olympia

Storm and Surface Water Utility

DRAFT - Capital Facilities Plan

	Description	Category	Total Expenditure	Expenditure Year
9001	**Asphalt Overlay Adjustments**			
	Asphalt Overlay Adjustments	Other	900,000	2018-2023
9024	**Aquatic Habitat Improvements**		-	
	Habitat Improvement/Stewardship	Other	1,596,000	2018-2023
	Schneider Creek Fish Passage		1,000,000	2022
9027	**Water Quality Improvements**		-	
	Capitol Way Water Quality Retrofit	Water Quality	640,000	2020
	Evergreen Park Drive Treatment Facility Construction	Water Quality	550,000	2023
	Plum Street at 7th Water Quality Retrofit	Water Quality	800,000	2022
	Union Avenue at Plum Water Quality Retrofit	Water Quality	550,000	2018
	Martin Way at Mary Elder Water Quality Retrofit	Water Quality	550,000	2021
	Brawne Avenue Retrofit Phase I (pre) (West Bay #5)	Water Quality	800,000	2019
	2100 West Bay Drive Ditches (West Bay #11)	Water Quality	300,000	2023
9028	**Flood Mitigation and Collection**		-	
	Conveyance Spot Repairs (Pipe Replacement)	Other	474,000	2018-2023
	Condition Rating Existing Conveyance	Other	760,000	2018-2023
	Public Pond Rehabilitation ("City Owned")	Other	300,000	2018-2023
	Downtown Flood Mitigation	Other	780,000	2018-2023
	Cooper Point and Black Lake Conveyance Construction	Other	2,400,000	2018
	Ascension and 4th Avenue Facility	Other	290,000	2019
	Ken Lake Flood Conveyance - Design	Other	169,000	2018
	Ken Lake Flood Conveyance - Construction	Other	505,000	2019
	Indian Creek Culverts at Plum Street - Design	Other	130,000	2019
	Indian Creek Culverts at Plum Street - Construction	Other	375,000	2020
	Coleman, Bing and Walnut Conveyance - Design	Other	135,000	2020
	Coleman, Bing and Walnut Conveyance - Construction	Other	391,000	2021
	Division and Scammel Conveyance - Design	Other	148,000	2021
	Division and Scammel Conveyance - Construction	Other	445,000	2023
	Wiggins Road Ditch Reconstruction ^	Other	750,000	2019-2021
	Pacific Avenue at Chambers - Pipe Replacement	Other	400,000	
9903	**Infrastructure Predesign and Planning**		-	
	Infrastructure Predesign and Planning	Other	300,000	2018-2023
	Pervious Pavement Contingency Fund	Other	150,000	2018-2023
	Drainage Design and Erosion Control Manual Updates	Other	60,000	2021
	GIS Mapping & Asset Management Support	Other	300,000	2018-2023
			-	
	Total Expenditures		**$ 16,948,000**	
	Total Utility Funding		**$ 3,180,000**	
	Grant or Other Funding		$ 13,768,000	
	Non Sea Level Rise Total Expenditures		$ 16,948,000	

City of Olympia
Storm and Surface Water Utility
Capital Facilities Plan

	Description	Category	Total Expenditure	2018	2019	2020	2021	2022	2023
9001	**Asphalt Overlay Adjustments**								
	Asphalt Overlay Adjustments	Other	900,000	150,000	150,000	150,000	150,000	150,000	150,000
9024	**Aquatic Habitat Improvements**		-						
	Habitat Improvement/Stewardship	Other	1,596,000	266,000	266,000	266,000	266,000	266,000	266,000
	Schneider Creek Fish Passage		1,000,000					1,000,000	
9027	**Water Quality Improvements**		-						
	Capitol Way Water Quality Retrofit	Water Quality	640,000			640,000			
	Evergreen Park Drive Treatment Facility Construction	Water Quality	550,000						550,000
	Plum Street at 7th Water Quality Retrofit	Water Quality	800,000					800,000	
	Union Avenue at Plum Water Quality Retrofit	Water Quality	550,000	600,000					
	Martin Way at Mary Elder Water Quality Retrofit	Water Quality	550,000				550,000		
	Brawne Avenue Retrofit Phase I (pre) (West Bay #5)	Water Quality	800,000		800,000				
	2100 West Bay Drive Ditches (West Bay #11)	Water Quality	300,000						300,000
9028	**Flood Mitigation and Collection**		-						
	Conveyance Spot Repairs (Pipe Replacement)	Other	474,000	79,000	79,000	79,000	79,000	79,000	79,000
	Condition Rating Existing Conveyance	Other	760,000	145,000	145,000	145,000	145,000	145,000	35,000
	Public Pond Rehabilitation ("City Owned")	Other	300,000	50,000	50,000	50,000	50,000	50,000	50,000
	Downtown Flood Mitigation	Other	780,000	130,000	130,000	130,000	130,000	130,000	130,000
	Cooper Point and Black Lake Conveyance Construction	Other	2,400,000	2,400,000					
	Ascension and 4th Avenue Facility	Other	290,000		290,000				
	Ken Lake Flood Conveyance - Design	Other	169,000	169,000					
	Ken Lake Flood Conveyance - Construction	Other	505,000		505,000				
	Indian Creek Culverts at Plum Street - Design	Other	130,000		130,000				
	Indian Creek Culverts at Plum Street - Construction	Other	375,000			375,000			
	Coleman, Bing and Walnut Conveyance - Design	Other	135,000			135,000			
	Coleman, Bing and Walnut Conveyance - Construction	Other	391,000				391,000		
	Division and Scammel Conveyance - Design	Other	148,000				148,000		
	Division and Scammel Conveyance - Construction	Other	445,000					445,000	
	Wiggins Road Ditch Reconstruction ^	Other	750,000		250,000	250,000	250,000		
	Pacific Avenue at Chambers - Pipe Replacement	Other	400,000						400,000
9903	**Infrastructure Predesign and Planning**		-						
	Infrastructure Predesign and Planning	Other	300,000	50,000	50,000	50,000	50,000	50,000	50,000
	Pervious Pavement Contingency Fund	Other	150,000	25,000	25,000	25,000	25,000	25,000	25,000
	Drainage Design and Erosion Control Manual Updates	Other	60,000				60,000		
	GIS Mapping & Asset Management Support	Other	300,000	50,000	50,000	50,000	50,000	50,000	50,000
			-						
	Total Expenditures		**$ 16,948,000**	**$ 4,114,000**	**$ 2,920,000**	**$ 2,345,000**	**$ 2,344,000**	**$ 3,190,000**	**$ 2,085,000**
	Total Utility Funding		**$ 3,180,000**	$ 450,000	$ 600,000	$ 480,000	$ 412,500	$ 600,000	$ 637,500

	Description	Category	Total Expenditure	2018	2019	2020	2021	2022	2023
	Grant or Other Funding		$ 13,768,000	$ 3,664,000	$ 2,320,000	$ 1,865,000	$ 1,931,500	$ 2,590,000	$ 1,447,500
	Non Sea Level Rise Total Expenditures		$ 16,948,000	$ 4,114,000	$ 2,920,000	$ 2,345,000	$ 2,344,000	$ 3,190,000	$ 2,085,000