

2021-2026 Capital Facilities Plan

Project Name	Project #	2020 Estimate	Total Cost Prior to 2021	Fund Source	Project Phase	2021	2022	2023	2024	2025	2026	Six-year total	Cost Beyond 2026	Total Estimated Project Cost		
NON-RIVER PROJECTS																
Brookdale Road & N. Fork Clover Outfall Retrofit	D442		45,905		PRELIM. ENGR											
		Expenses				LAND ACQ.										
				20,000	159,185		FINAL ENGR.									
				751,997	751,997		CONSTRUCTION	10,000						10,000		
				771,997	966,239	CLOVER TMDL	Total	10,000						10,000		\$ 976,238.70
	Revenues		184,334	257,351	SWM		10,000						10,000			
			587,663	658,423	Grant-Secured	DOE Match 25%										
					FCZD Opportunity Fund	25% Match										
				50,465	REET											
			771,997	966,239	Total		10,000						10,000			
Diru Creek Bank Stabilization at 72nd St. E.	D812		7,738		PRELIM. ENGR											
		Expenses		10,000	10,000		LAND ACQ.									
				130,000	233,592		FINAL ENGR.	14,000						14,000		
							CONSTRUCTION	1,704,592						1,704,592		
				140,000	264,636	CLARKS TMDL	Total	1,718,592						1,718,592		\$ 1,983,228.10
	Revenues		140,000	217,584	SWM		609,296						609,296			
					Grant-Secured	DOE	500,000						500,000			
					Grant-Secured	Puyallup Tribe										
				47,052	REET		609,296						609,296			
			140,000	264,636	Total		1,718,592						1,718,592			
Parkview Point - Retro-fit	D236		10,000	10,000		PRELIM. ENGR	46,250						46,250			
		Expenses					LAND ACQ.									
					240		FINAL ENGR.	28,125	28,125					56,250		
							CONSTRUCTION		750,000					750,000		
				10,000	14,478	Preservation - Non River	Total	74,375	778,125					852,500		\$ 866,977.75
	Revenues		10,000	14,478	SWM			278,125					278,125			
					Grant-TBD											
					FCZD Opportunity Fund		74,375	500,000					574,375			
					REET											
			10,000	14,478	Total		74,375	778,125					852,500			

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NON-RIVER PROJECTS														
Clover Creek - Water Quality Retrofit #1	D235				PRELIM. ENGR	41,380						41,380		
	Expenses				LAND ACQ.	100,000	100,000					200,000		
					FINAL ENGR.		42,830					42,830		
					CONSTRUCTION			500,000				500,000		
					Total		141,380	142,830	500,000			784,210		\$ 784,210.00
	Revenues				CLOVER TMDL									
					SWM		91,380	142,830	250,000			484,210		
					Grant-TBD									
				FCZD Opportunity Fund		50,000		250,000			300,000			
			Total		141,380	142,830	500,000			784,210				
Clear Cr Flood Gate	D227	158,229	222,308		PRELIM. ENGR									
	Expenses				LAND ACQ.									
					FINAL ENGR.		176,679					176,679		
					CONSTRUCTION			330,000				330,000		
					Total		176,679	330,000				506,679		\$ 807,216.00
	Revenues				Flood Plan									
					SWM		176,679					176,679		
					Grant-Secured	NRDA		330,000				330,000		
				Grant-TBD										
			Other											
			Total		176,679	330,000				506,679				
Clear Cr Habitat Restoration	D228	181,623	304,762		PRELIM. ENGR									
	Expenses				LAND ACQ.									
					FINAL ENGR.		70,720					70,720		
					CONSTRUCTION		25,000	770,000				795,000		
					Total		95,720	770,000				865,720		\$ 1,279,105.00
	Revenues				Flood Plan									
					SWM		95,720					95,720		
					Grant-Secured	NRDA		770,000				770,000		
				Grant-TBD										
			Other											
			Total		95,720	770,000				865,720				

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NON-RIVER PROJECTS															
Floodplain Acquisition Non-Rivers	D073	16,660	17,523		PRELIM. ENGR	16,640	10,000	10,000	10,000	10,000	10,000	66,640			
	Expenses	350,000	350,278		LAND ACQ.	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000			
					FINAL ENGR.										
					CONSTRUCTION										
		366,660	2,108,395	Flood Plan	Total	366,640	360,000	360,000	360,000	360,000	360,000	360,000	2,166,640		\$ 4,275,034.96
	Revenues	366,660	2,108,394	SWM		366,640	360,000	360,000	360,000	360,000	360,000	360,000	2,166,640		
				Grant-TBD											
			Other												
366,660		2,108,394	Total		366,640	360,000	360,000	360,000	360,000	360,000	360,000	2,166,640			
Huge Creek Culvert Replacement at 160th St. NW.	D441				PRELIM. ENGR										
	Expenses		2,020		LAND ACQ.										
			158,629		FINAL ENGR.	27,806							27,806		
					CONSTRUCTION	927,806	1,000						928,806		
			284,603	Basin Plans	Total	955,612	1,000						956,612	\$ -	\$ 1,241,214.94
	Revenues		283,063	SWM		301,452	1,000						302,452		
			1,540	Grant-Secured	RCO	600,000							600,000		
			Other	Kitsap Co.	45,000							45,000			
			FCZD Opportunity Fund		9,160							9,160			
	284,603	Total		955,612	1,000						956,612				
Purdy Creek Culvert Replacement at 144th ST. NW	D192	6,742	47,981		PRELIM. ENGR	15,904	100,000	50,000				165,904			
	Expenses				LAND ACQ.			400,000	400,000			800,000			
			84,594		FINAL ENGR.			50,000	100,000			150,000			
					CONSTRUCTION					3,000,000		3,000,000			
		6,742	437,903	Culvert Fish Barrier Removal	Total	15,904	100,000	500,000	500,000	3,000,000		4,115,904		\$ 4,553,806.52	
	Revenues	6,742	357,933	SWM		15,904	75,000	125,000	125,000	250,000		590,904			
			79,970	Grant-TBD					125,000	2,250,000		2,375,000			
			REET												
			FCZD Opportunity Fund			25,000	375,000	250,000	500,000		1,150,000				
6,742	437,903	Total		15,904	100,000	500,000	500,000	3,000,000		4,115,904					

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NON-RIVER PROJECTS															
Purdy Creek Culvert Replacement at 160th St. NW.	D199		119,857		PRELIM. ENGR	70,500						70,500			
	Expenses				LAND ACQ.										
						FINAL ENGR.		70,500	10,000				80,500		
						CONSTRUCTION				775,553			775,553		
			125,002		Culvert Fish Barrier Removal	Total	70,500	70,500	10,000	775,553			926,553		\$ 1,051,554.74
	Revenues			91,762	SWM										
				33,240	Grant-Unsecured	FBRB	59,925	59,925		659,220			779,070		
					Other	Kitsap Co.	6,320	6,320					12,640		
					FCZD Opportunity Fund	15% Match	4,255	4,255	10,000	116,333			134,843		
			125,002		Total		70,500	70,500	10,000	775,553			926,553		
Rody Creek Improvements SW of Pioneer Way	D191	72,090	111,921		PRELIM. ENGR										
	Expenses		20,000	379,619		LAND ACQ.	20,000					20,000			
			27,090	34,280		FINAL ENGR.	59,260					59,260			
						CONSTRUCTION		850,000				850,000			
		119,180	1,183,664	CLARKS TMDL	Total	79,260	850,000					929,260		\$ 2,112,923.70	
	Revenues		119,180	1,183,664	SWM		79,260	725,000				804,260			
					Grant-TBD	DOE		125,000				125,000			
					FCZD Opportunity Fund										
					Grant-TBD										
		119,180	1,183,664	Total		79,260	850,000					929,260			
Rody Creek Channel Stabilization near 80th St. E.	D190				PRELIM. ENGR										
	Expenses		15,000	15,000		LAND ACQ.									
			22,762	268,905		FINAL ENGR.									
						CONSTRUCTION		890,567				890,567			
		37,762	294,700	CLARKS TMDL	Total		890,567					890,567		\$ 1,185,267.25	
	Revenues		37,762	170,710	SWM			640,567				640,567			
					Grant-Unsecured	DOE 50% match		250,000				250,000			
				123,990	REET										
					FCZD Opportunity Fund										
		37,762	269,862	Total				890,567				890,567			

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NON-RIVER PROJECTS														
Schoolhouse Creek Culvert at Eckenstam Johnson Rd./108th St.	D443	17,500	23,980		PRELIM. ENGR	84,017						84,017		
	Expenses				LAND ACQ.	10,000						10,000		
					FINAL ENGR.		84,017					84,017		
					CONSTRUCTION			1,072,625				1,072,625		
		17,500	23,980	Basin Plans	Total	94,017	84,017	1,072,625				1,250,659	489,000	\$ 1,763,639.00
	Revenues	17,500	23,980	SWM		10,000						10,000		
				Grant-Unsecured	FBRB	71,415	71,415	911,731				1,054,560		
				Grant-TBD										
				REET										
				FCZD Opportunity Fund	15% Match	12,603	12,603	160,894				186,099		
17,500		23,980	Total		94,017	84,017	1,072,625				1,250,659			
Schoolhouse Creek Culvert Replacement at Mouth	D440	17,500	35,000		PRELIM. ENGR	84,539	84,539					169,078		
	Expenses				LAND ACQ.	10,000						10,000		
					FINAL ENGR.		84,539	84,539				169,079		
					CONSTRUCTION				2,348,401			2,348,401		
		17,500	35,000	Basin Plans	Total	94,539	169,079	84,539	2,348,401			2,696,558		\$ 2,731,557.75
	Revenues	17,500	35,000	SWM		10,000						10,000		
				Grant-Unsecured	FBRB	71,859	143,717	71,859	1,996,141			2,283,575		
				REET										
				FCZD Opportunity Fund	15% Match	12,681	25,362	12,681	352,260			402,984		
		17,500	35,000	Total		94,539	169,079	84,539	2,348,401			2,696,559		
South Prairie Creek Floodplain and Off Channel Restoration		D225			Partnership	PRELIM. ENGR								
	Expenses				LAND ACQ.									
				11,268		FINAL ENGR.								
		106,670	106,670		CONSTRUCTION	10,000						10,000		
		106,670	169,236	Habitat	Total	10,000						10,000		\$ 179,235.73
	Revenues	106,670	169,236	SWM		10,000						10,000		
				Grant-TBD										
				Other										
106,670		169,236	Total		10,000						10,000			

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NON-RIVER PROJECTS															
Sprinker Parking Lot LID Retrofit Phase 3	Expenses				PRELIM. ENGR										
					LAND ACQ.										
			63,428		FINAL ENGR.										
					CONSTRUCTION			736,053					736,053		
			63,428	NPDES	Total			736,053					736,053		\$ 799,480.64
	Revenues		63,428	SWM				736,053					736,053		
				Grant-TBD											
				Other											
			63,428	Total				736,053					736,053		
Swan Creek 64th Street East Stream Bank/Channel Stabilization	Expenses	69,161	181,510		PRELIM. ENGR										
		100,000	100,000		LAND ACQ.	100,000						100,000			
		149,161	149,161		FINAL ENGR.	154,650						154,650			
					CONSTRUCTION		1,000,000	1,000,000	1,000,000				3,000,000		
		318,322	430,671	Culvert Fish Barrier Removal	Total	254,650	1,000,000	1,000,000	1,000,000				3,254,650		\$ 3,685,321.00
	Revenues		318,322	430,302	SWM		254,650		250,000	982,913			1,487,563		
					Grant-Unsecured	FbD5		750,000	750,000				1,500,000		
				369	REET			250,000		17,087			267,087		
					Other										
			318,322	430,671	Total		254,650	1,000,000	1,000,000	1,000,000			3,254,650		
Horsehaven Cr Culvert at 150th Ave E - Culvert Replacement	Expenses	32,353	45,151		PRELIM. ENGR										
		10,000	10,000		LAND ACQ.										
		47,353	47,353		FINAL ENGR.	4,517						4,517			
					CONSTRUCTION		500,000						500,000		
		89,706	102,504	Culvert Fish Barrier Removal	Total	4,517	500,000						504,517		\$ 607,021.00
	Revenues		89,706	102,504	SWM		4,517	500,000					504,517		
					Grant-TBD										
					Other										
			89,706	102,504	Total		4,517	500,000					504,517		

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NON-RIVER PROJECTS														
Horsehaven Cr Culvert at 188th St E - Culvert Replacement	D231	48,610	57,849		PRELIM. ENGR									
	Expenses	10,000	10,000		LAND ACQ.									
		63,610	63,610		FINAL ENGR.	41,968						41,968		
					CONSTRUCTION		626,968					626,968		
		122,220	131,459	Culvert Fish Barrier Removal	Total	41,968	626,968					668,936		\$ 800,395.00
	Revenues	122,220	131,459	SWM		41,968	626,968					626,968		
				Grant-TBD										
				Other										
		122,220	131,459	Total		41,968	626,968					668,936		
Centers & Corridors Facility	D232	110,876	129,666		PRELIM. ENGR	62,358						62,358		
	Expenses				LAND ACQ.			300,000				300,000		
					FINAL ENGR.				40,000			40,000		
					CONSTRUCTION					1,800,000		1,800,000		
		110,876	129,666	Centers and Corridors	Total	62,358	300,000	40,000	1,800,000			2,202,358		\$ 2,332,024.00
	Revenues	110,876	129,666	SWM		62,358	300,000	40,000	800,000			1,202,358		
				Grant-TBD					1,000,000			1,000,000		
				REET										
		110,876	129,666	Total		62,358	300,000	40,000	1,800,000			2,202,358		
Little Minter Creek at 144th St NW	D237				PRELIM. ENGR	100,804						100,804		
	Expenses				LAND ACQ.									
					FINAL ENGR.		100,804					100,804		
					CONSTRUCTION				1,088,676			1,088,676		
				Culvert Fish Barrier Removal	Total	100,804	100,804		1,088,676			1,290,284		\$ 1,290,283.50
	Revenues			SWM										
				Grant-Unsecured	FBRB	85,683	85,683		925,375			1,096,741		
				REET										
				FCZD Opportunity Fund	15% Match	15,121	15,121		163,301					
		Total		100,804	100,804		1,088,676			1,290,284				

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NON-RIVER PROJECTS																
Little Minter Creek at 97th St	D238				PRELIM. ENGR	42,739						42,739				
		Expenses			LAND ACQ.											
					FINAL ENGR.	42,739							42,739			
					CONSTRUCTION		284,923						284,923			
			Culvert Fish Barrier Removal	Total	85,478	284,923					370,401			\$ 370,401.00		
	Revenues				SWM											
					Grant-Unsecured FBRB	72,655	242,185					314,840				
					REET											
					FCZD Opportunity Fund 15% Match	12,822	42,738					55,560				
					Total	85,477	284,923					370,400				
Huge Creek at 144th St NW	D445				PRELIM. ENGR	82,038						82,038				
		Expenses			LAND ACQ.											
					FINAL ENGR.		82,038					82,038				
					CONSTRUCTION			721,932				721,932				
			Culvert Fish Barrier Removal	Total	82,038	82,038	721,932				886,008			\$ 886,008		
	Revenues				SWM											
					Grant-Unsecured FBRB	69,732	69,732	613,642				753,106				
					REET											
					FCZD Opportunity Fund 15% Match	12,306	12,306	108,290								
					Total	82,038	82,038	721,932				886,008				
Brighton Creek	TBD				PRELIM. ENGR		39,600	80,000				119,600				
		Expenses			LAND ACQ.											
					FINAL ENGR.			170,000				170,000				
					CONSTRUCTION				2,500,000			2,500,000				
			Barrier Removal	Total		39,600	250,000	2,500,000			2,789,600			\$ 2,789,600.00		
	Revenues				FCZD Opportunity Fund		39,600	250,000	500,000			789,600				
					Grant-TBD				2,000,000			2,000,000				
					REET											
				Total		39,600	250,000	2,500,000			2,789,600					

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RIVER PROJECTS															
Floodplain Acquisition along Rivers	Expenses	1349	16,660	82,399		PRELIM. ENGR									
			250,000	695,213		LAND ACQ.	500,000	500,000	500,000	350,000	350,000	350,000	2,550,000		
						FINAL ENGR.									
						CONSTRUCTION									
		266,660	10,225,919	Flood Plan	Total	500,000	500,000	500,000	350,000	350,000	350,000	2,550,000		\$ 12,775,918.63	
	Revenues			9,959,259	REET					350,000	350,000	350,000	1,050,000		
					Grant-Unsecured	FbD5	500,000	500,000	500,000				1,500,000		
			266,660	266,660	FCZD										
		266,660	10,225,919	SWM	Total	500,000	500,000	500,000	350,000	350,000	350,000	2,550,000			
LOWER PUYALLUP RIVER															
Clear Creek Acquisition and Floodplain Reconnection	Expenses	1416	124,885	1,755,360		PRELIM. ENGR	72,000			100,000			172,000		
			1,000,000	7,065,909		LAND ACQ.	800,000	1,000,000	1,000,000	1,000,000	1,000,000	500,000	5,300,000		
				448,536		FINAL ENGR.						200,000	200,000		
						CONSTRUCTION						2,500,000	2,500,000		
		1,124,885	9,650,718	Flood Plan	Total	872,000	1,000,000	1,000,000	1,100,000	1,200,000	3,000,000	8,172,000	42,099,259	\$ 59,921,977.38	
	Revenues			2,598,921	REET			500,000				500,000	1,000,000		
			1,000,000	6,703,863	Grant-Secured	FbD4	872,000						872,000		
				223,049	FCZD										
					Grant-TBD				1,000,000	800,000	800,000		2,600,000		
			124,885	249,770	SWM			500,000		300,000	400,000	2,500,000	3,700,000		
		1,124,885	9,775,603	Total		872,000	1,000,000	1,000,000	1,100,000	1,200,000	3,000,000	8,172,000			
White and Puyallup Rivers Confluence Property Acquisition	Expenses	TBD				PRELIM. ENGR									
						LAND ACQ.			750,000	750,000	750,000	750,000	3,000,000		
						FINAL ENGR.									
						CONSTRUCTION									
				HCP	Total			750,000	750,000	750,000	750,000	3,000,000		\$ 3,000,000.00	
	Revenues				REET			300,000	300,000	300,000	300,000	500,000	1,400,000		
					Grant-Unsecured										
				FCZD				450,000	450,000	450,000	250,000	1,600,000			
			SWM												
			Other												
			Total				750,000	750,000	750,000	750,000	3,000,000				
Rainier Manor/Riverwalk/River Grove and SR-410 Flood Wall and Levee	Expenses	TBD				PRELIM. ENGR		300,000	250,000			550,000	\$ 750,000		
						LAND ACQ.				300,000		500,000	800,000	\$ 1,350,000	
						FINAL ENGR.					500,000	300,000	800,000	\$ 750,000	
						CONSTRUCTION								\$ 8,000,000	
				Flood Plan	Total			300,000	550,000	500,000	800,000	2,150,000	10,850,000	\$ 13,000,000.00	
	Revenues				REET							500,000	500,000		
					Grant-Unsecured										
					FCZD				250,000	500,000	500,000	300,000	1,550,000		
				SWM				50,000	50,000			100,000			
			Other												
			Total				300,000	550,000	500,000	800,000	2,150,000				

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LOWER PUYALLUP RIVER																
FEMA HMGP DR 4242-4243 Clear Creek Wheel Inn MHP Property Acquisition	1427		1,200		PRELIM. ENGR											
		Expenses	400,000	400,000		LAND ACQ.	785,200						785,200			
						FINAL ENGR.	119,066							119,066		
			5,579	5,579		CONSTRUCTION	318,400							318,400		
		405,579	406,779	Flood Plan	Total	1,222,666						1,222,666		\$ 1,629,445.00		
	Revenues		119,494	188,505	REET	Match 12.5%	188,505						496,504			
			285,375	1,034,161	Grant-Unsecured	FEMA - 75%	1,034,161						2,353,697			
					FCZD											
					SWM											
			710		Other	DEM -12.5%							710			
		405,579	1,222,666	Total		1,222,666						2,850,911				
FEMA FMA (Flood Mitigation Assistance) 2016 Clark's Cr.	1419				PRELIM. ENGR											
		Expenses	390,000	390,712		LAND ACQ.	128,900						128,900			
			10,000	183,625		FINAL ENGR.										
			400,000	574,337	Flood Plan	CONSTRUCTION	110,296							110,296		
				Total	239,196							239,196		\$ 813,532.57		
	Revenues		97,166	270,503	REET	Match 10%	42,814						42,814			
			302,834	302,834	Grant-Unsecured	FEMA @ 90%	196,382						196,382			
					FCZD											
					SWM											
			400,000	573,337	Total		239,196						239,196			
		400,000	857,048	Total		239,196						239,196				
MIDDLE PUYALLUP RIVER																
Fennel Creek Restoration Phase 3	1710	20,000	20,000		PRELIM. ENGR											
		Expenses	55,000	95,210		LAND ACQ.										
			20,000	26,660		FINAL ENGR.	54,047	10,000					64,047			
				1,990		CONSTRUCTION	50,000		1,000,000					1,050,000		
		95,000	548,283	Flood Plan	Total	104,047	10,000	1,000,000				1,114,047		\$ 1,662,329.88		
	Revenues		20,500	101,614	SWM	Match	104,047	10,000					114,047			
			74,500		Grant-Secured	SRFB via Forterra										
				325,299	Grant-TBD	SRFB via Forterra			500,000				500,000			
					FCZD											
				46,870	REET											
		95,000	548,283	Total	Fbd5			500,000				500,000				
			Total		104,047	10,000	1,000,000				1,114,047					
Middle Puy 128th St Comp Study	1421	422,520	446,980		PRELIM. ENGR	71,149	70,000					141,149				
		Expenses	300,000	300,000		LAND ACQ.	400,000	2,000,000	1,000,000				3,400,000			
						FINAL ENGR.	225,000		70,000	10,000				305,000		
				853		CONSTRUCTION				5,200,000	5,500,000			10,700,000		
		722,520	2,250,000	Flood Plan	Total	696,149	2,070,000	1,070,000	5,210,000	5,500,000		14,546,149	5,000,000	\$ 21,796,148.75		
	Revenues		222,520	730,880	REET		95,188	70,000		1,010,000	847,858		2,023,046			
				996,150	Grant-TBD				250,000		1,062,702		1,312,702			
			500,000	522,970	FCZD		261,729	1,000,000	500,000	2,200,000			5,961,729			
					SWM		339,232	1,000,000	320,000	2,000,000	1,589,440		5,248,672			
			722,520	2,250,000	Total		696,149	2,070,000	1,070,000	5,210,000	5,500,000		14,546,149			

Project Name	Project #	2020 Estimate	Total Cost Prior to 2021	Fund Source	Project Phase	2021	2022	2023	2024	2025	2026	Six-year total	Cost Beyond 2026	Total Estimated Project Cost	
UPPER PUYALLUP RIVER															
Jones Setback Levee	1385	217,724	217,724		PRELIM. ENGR	316,938						316,938			
		Expenses	1,000,000	1,119,381		LAND ACQ.	1,500,000						1,500,000		
				243,178		FINAL ENGR.		150,000	150,000				300,000		
						CONSTRUCTION				15,000,000			15,000,000		
		1,217,724	1,584,253	Continuing Authority	Total	1,816,938	150,000	150,000	15,000,000			17,116,938		\$ 18,701,191.09	
	Revenues		366,529		REET		257,246						257,246		
			1,217,724	1,217,724	SWM		1,259,692			516,527			1,776,219		
					FCZD		300,000	150,000	150,000	3,500,000			4,100,000		
					Other	Corps				10,000,000			10,000,000		
					Grant-TBD					983,473			983,473		
		1,217,724	1,584,253	Total		1,816,938	150,000	150,000	15,000,000			17,116,938			
Puyallup River Ford Setback Capital Maintenance - River	1422	50,759	63,557		PRELIM. ENGR										
		Expenses				LAND ACQ.									
			50,759	50,759		FINAL ENGR.	60,608	10,000					70,608		
						CONSTRUCTION			2,000,000				2,000,000		
		101,518	114,316	River	Total	60,608	10,000	2,000,000				2,070,608		\$ 2,184,924.00	
	Revenues		12,798		REET	60,608	1,500						62,108		
					Grant-Unsecured										
					FCZD										
				Other											
	101,518	203,036	SWM			8,500	2,000,000				2,008,500				
	101,518	215,834	Total		60,608	10,000	2,000,000				2,070,608				
Orville Road Revetment at Kapowsin Creek	1418	159,000	159,000		PRELIM. ENGR	48,880						48,880			
		Expenses				LAND ACQ.									
			41,000	60,529		FINAL ENGR.	59,150						59,150		
						CONSTRUCTION			2,000,000				2,000,000		
		200,000	1,772,277	Flood Plan	Total	108,030		2,000,000				2,108,030		\$ 3,880,306.74	
	Revenues		458,102		REET	108,030		127,000					235,030		
			200,000	231,620	Grant-Secured	FbD4									
			1,081,555	FCZD				1,000,000				1,000,000			
			SWM												
			Grant-TBD	FbD5			873,000				873,000				
	200,000	1,771,277	Total		108,030		2,000,000				2,108,030				
Neadham Road Floodplain Reconnection	1708	59,022	318,452		PRELIM. ENGR										
		Expenses				LAND ACQ.	200,000						200,000		
			700,000	2,211,578		FINAL ENGR.	60,385						60,385		
			82,000	82,836		CONSTRUCTION		1,400,000	2,800,000				4,200,000		
		841,022	7,398,561	HCP	Total	260,385	1,400,000	2,800,000				4,460,385		\$ 11,858,946.05	
	Revenues		138,480	1,490,285	REET		100,000						100,000		
				3,997,016	Grant-Unsecured										
			350,000	1,558,718	FCZD		260,385	1,300,000	2,800,000				4,360,385		
				Other											
	352,542	705,084	SWM												
	841,022	7,398,561	Total		260,385	1,400,000	2,800,000				4,460,385				

Project Name	Project #	2020 Estimate	Total Cost Prior to 2021	Fund Source	Project Phase	2021	2022	2023	2024	2025	2026	Six-year total	Cost Beyond 2026	Total Estimated Project Cost
UPPER PUYALLUP RIVER														
Orville Road Revetment Phase 2c	Expenses	1425	65,510	65,510		PRELIM. ENGR								
			75,000	313,350		LAND ACQ.								
			97,196	189,825		FINAL ENGR.	18,257						18,257	
			1,832,000	1,832,000		CONSTRUCTION	2,100,600						2,100,600	
			2,069,706	2,400,685	Flood Plan	Total	2,118,857						2,118,857	
	Revenues			43,314		REET	266,640						266,640	
			500,000		Grant-Secured	Fbd4	500,000							
					Grant-Unsecured									
			515,000	802,665	FCZD		1,352,217						1,352,217	
			1,054,706	2,109,412	SWM									
	2,069,706	2,400,685	Total		2,118,857						2,118,857			
CARBON RIVER														
Carbon River Setback Levee Left Bank	Expenses	1702	215,050	467,496		PRELIM. ENGR	164,848					164,848		
				24,461		LAND ACQ.	250,000	300,000	300,000				850,000	
						FINAL ENGR.			250,000	250,000			500,000	
						CONSTRUCTION					4,000,000	2,000,000	6,000,000	
			215,050	491,957	Flood Plan	Total	414,848	300,000	550,000	250,000	4,000,000	2,000,000	7,514,848	11,000,000
	Revenues			201,616		REET	69,200	300,000			500,000		869,200	
			215,050	279,450	Grant-Secured	15% match								
				10,891	FCZD				250,000	250,000	2,000,000		2,500,000	
					SWM		345,648					2,000,000	2,345,648	
					Grant-TBD				300,000		1,500,000		1,800,000	
	215,050	491,957	Total		414,848	300,000	550,000	250,000	4,000,000	2,000,000	7,514,848			
Carbon River Floodplain Connection Right Bank	Expenses	1711	193,796	346,716		PRELIM. ENGR	68,473					68,473		
						LAND ACQ.	50,000					50,000		
						FINAL ENGR.	200,000	10,000					210,000	
						CONSTRUCTION			3,500,000				3,500,000	
			193,796	346,716	HCP	Total	318,473	10,000	3,500,000				3,828,473	
	Revenues		62,736	252,914	REET		318,473	10,000	700,000				1,028,473	
				-	Grant-Unsecured				2,800,000				2,800,000	
			125,000	125,000	FCZD									
					Other									
			6,060	12,120	SWM									
	193,796	383,974	Total		318,473	10,000	3,500,000				3,828,473			
Alward Road Acquisition & Setback Levee	Expenses	1701	118,483	607,783		PRELIM. ENGR	30,093	100,000				89,440	219,533	
			1,000,000	3,567,271		LAND ACQ.	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	268,836	5,268,836	
				50,470		FINAL ENGR.								
						CONSTRUCTION								
			1,118,483	6,273,801	Flood Plan	Total	1,030,093	1,100,000	1,000,000	1,000,000	1,000,000	358,276	5,488,369	18,099,934
	Revenues					SWM	173	239,950	70,478			89,440	400,041	
			40,593	2,039,862	REET			304,660	929,522	400,000	100,000	268,836	2,003,018	
				929,762	Grant-Unsecured									
			1,077,890	3,304,177	FCZD		1,029,920	555,390		600,000	900,000		3,085,310	
			1,118,483	6,273,801	Total		1,030,093	1,100,000	1,000,000	1,000,000	1,000,000	358,276	5,488,369	

Project Name	Project #	2020 Estimate	Total Cost Prior to 2021	Fund Source	Project Phase	2021	2022	2023	2024	2025	2026	Six-year total	Cost Beyond 2026	Total Estimated Project Cost		
UPPER NISQUALLY RIVER																
Upper Nisqually Channel Migration Protection	1411		104,031		PRELIM. ENGR											
		Expenses		14,850		LAND ACQ.	10,000						10,000			
				129,778		FINAL ENGR.	38,206							38,206		
						CONSTRUCTION	2,508,614							2,508,614		
				420,219	Flood Plan	Total	2,556,820							2,556,820		\$ 2,977,038.88
	Revenues		271,816	REET												
				Grant-Unsecured												
			148,403	FCZD		1,406,880							1,406,880			
				Other												
				SWM		1,149,940							1,149,940			
	420,219	Total		2,556,820							2,556,820					
LOWER WHITE RIVER																
White River Butte Pit Setback	1424	34,453	109,710		PRELIM. ENGR	63,783						63,783				
		Expenses		600,000	600,000		LAND ACQ.	1,700,000	750,000	750,000	1,000,000		4,200,000			
							FINAL ENGR.		150,000	250,000	50,000		450,000			
							CONSTRUCTION					15,000,000		15,000,000		
			634,453	709,710	Flood Plan	Total	1,763,783	900,000	1,000,000	1,050,000	15,000,000		19,713,783	10,000,000	\$ 30,423,493.00	
	Revenues		64,629	REET			500,000						500,000			
				Grant-TBD	FEMA PDM	70,000					10,000,000		10,070,000			
			250,000	260,629	FCZD	750,000	400,000	350,000	550,000	1,350,000		3,400,000				
				Grant-TBD		250,000							250,000			
			384,453	384,453	SWM	630,000		650,000	500,000	3,650,000		5,430,000				
	634,453	709,710	Total		1,700,000	900,000	1,000,000	1,050,000	15,000,000		19,650,000					
Capital Improvement Professional Services	D100	850,000	2,573,853		PRELIM. ENGR	858,000	270,000	270,000	270,000	270,000	270,000	2,208,000				
		Expenses				LAND ACQ.		550,000	550,000	550,000	550,000	550,000	2,750,000			
			413,567		FINAL ENGR.		50,000	50,000	50,000	50,000	50,000	250,000				
					CONSTRUCTION		150,000	150,000	150,000	150,000	150,000	750,000				
	850,000		12,328,577	Support	Total	858,000	1,020,000	1,020,000	1,020,000	1,020,000	1,020,000	5,958,000		\$ 18,286,576.93		
	Revenues		850,000	1,624,517	SWM	858,000	1,020,000	1,020,000	1,020,000	1,020,000	1,020,000	5,958,000				
					REET											
					Grant-TBD											
				FCZD												
			Other													
	850,000	1,624,517	Total		858,000	1,020,000	1,020,000	1,020,000	1,020,000	1,020,000	5,958,000					

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