

**Skagit PUD No. 1**

**Capital Program**

System Water Plan #	Description	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	<b>Department Capital:</b>										
	Computer Software/ IT	\$ 400,000	\$ 300,000	\$ 550,000	\$ 300,000	\$ 800,000	\$ 700,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
	Customer/ Meter	125,000	75,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
	Equipment/Ops	800,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	125,000
	Water Treatment Plant	150,000	150,000	200,000	200,000	200,000	200,000	250,000	250,000	250,000	250,000
	Engineering	50,000	50,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
	<b>Department Capital Total:</b>	<b>\$ 1,525,000</b>	<b>\$ 775,000</b>	<b>\$ 1,075,000</b>	<b>\$ 825,000</b>	<b>\$ 1,325,000</b>	<b>\$ 1,225,000</b>	<b>\$ 875,000</b>	<b>\$ 875,000</b>	<b>\$ 875,000</b>	<b>\$ 800,000</b>
	<b>Pipe Replacement:</b>										
MP13-7	Burklund Road Pipeline	800,000									
MP20-3	Sky Ridge Pipe Replacement & Pump Station	2,000,000									
MP20-4	College Way, Urban to LaVenture and Crossing at Leigh, Windsor, N. 19th and 8inch Crossing W. of 30th	400,000	1,600,000								
MP20-5	Skagit Country Club Pipeline Replacement		2,100,000								
MP20-6	NW Burlington Pipeline Replacement			1,700,000							
MP20-2	Bored Crossings				960,000						
MP20-7	MV Belmont / Clarmont Pipeline Replacement				1,100,000						
	Sky Ridge supply pipeline				2,500,000						
MP20-8	West Mount Vernon Pipeline Replacement					1,200,000					
MP20-9	Peterson, Pulver - Avon Allen and Sunrise Lane E			-			1,285,000				
MP20-10	MV Hillcrest District Pipeline Replacement						1,700,000				
MP20-11	Bayview Community Pipe Replacement							1,100,000			
MP20-1	Little Mountain	-	3,000,000	3,000,000							
	State Grant Needed to fund Project	-	(3,000,000)	(3,000,000)							
MP20-14	Bow Hill to Alger								50,000		
MP20-13	South Conway Extension								50,000		
MP20-12	Conway to Lake McMurray Extension								50,000		
MX20-3	Coordinated Pipeline Replacement & Infill				500,000	500,000	500,000	500,000	500,000	500,000	500,000
Fidalgo Projects	Driver Road Pipe Replacement	400,000									
	Satterlee PRV Relocation		250,000								
	Bridgeway Reservoir Abandonment and Transmission Connection at SR20	450,000									
	Satterlee Gibraltar to Mashie Street	550,000									
Coordinated Pipeline Replacement & Infill	Gauges Slough	400,000									
	Curtis Street	400,000									
	Francis Road Pipe replacement	350,000									
	Laventure, Hoag, Martin, Intersection Improvement		800,000								
	BNSF Casing Modification										
Fish Passage Pipeline Relocations	SR 534 (Pioneer Hwy) Fish Passage	300,000									
	State Credit SR534	(300,000)									
	SR 538 (College Way) Fish Passage	50,000									
	Alger I-5 Lake Samish Road Fish Passage		250,000	2,000,000							
	I-5 at Anderson Road Fish Passage		100,000	400,000							
	SR9 and Kalloch Fish Passage		100,000	250,000							
	SR20 at Marblemount Fish Passage	75,000	300,000								
	<b>Pipe Replacement Total:</b>	<b>\$ 5,875,000</b>	<b>\$ 5,500,000</b>	<b>\$ 4,350,000</b>	<b>\$ 5,060,000</b>	<b>\$ 1,700,000</b>	<b>\$ 3,485,000</b>	<b>\$ 1,600,000</b>	<b>\$ 650,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>

System Water Plan #	Description	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
	<b>Major Capital:</b>										
	<b>Operations &amp; Maintenance:</b>										
MO20-1	Raw Water Pump Station Upgrade	1,150,000									
MO20-2	WTP Backwash Pump Replacement / Portable Generator	100,000	1,300,000								
MO13-6	WTP Dry Scrubber Retrofit	300,000									
MO20-4	WTP SCADA Replacement & data center	190,000	570,000								
MO20-8	WTP Replace Flocculators & Recycle Basin	270,000	270,000								
MO20-7	WTP Filtration Conversion & Optimization				1,000,000	2,000,000					1,000,000
MO20-6	WTP Disinfection Study - System Replacement	-	-	-			600,000				
MO20-15	WTP Electrical Upgrades								50,000		
MO20-12	WTP Building Seismic Improvements									840,000	
MO20-14	Lagoons solid Handling Improvements									930,000	
MO20-5	Dedicated Power feed Norlum substation SW to the SRD & WTP	-	-								50,000
MO20-11	Sodium Chlorite & CO2 Tank Replacement										700,000
MO20-13	Finished Water Flow Meter										100,000
MO13-8	Badger ORION 5/8 Meter Transmitter Replace 9Th Street Pump	300,000 -	300,000	350,000 80,000	350,000	350,000	400,000	400,000			
	<b>Operations &amp; Maintenance Total:</b>	<b>\$ 2,310,000</b>	<b>\$ 2,440,000</b>	<b>\$ 430,000</b>	<b>\$ 1,350,000</b>	<b>\$ 2,350,000</b>	<b>\$ 1,000,000</b>	<b>\$ 400,000</b>	<b>\$ 50,000</b>	<b>\$ 1,770,000</b>	<b>\$ 1,850,000</b>
	<b>Transmission Pipelines:</b>										
MT13-4	Transmission Line, Judy - MV Phase 2	20,000,000	15,000,000								
MT13-4	Transmission Line, Judy - County Portion	(160,067)	(160,067)	(160,067)	(160,067)						
MT13-9	Judy SW TransmissionPhase 3 river section	-		1,300,000	1,300,000	5,800,000					
MT20-2	Judy SW Transmission Phase 4		-	-	500,000	700,000	9,250,000	9,250,000			
	<b>Transmission Pipelines Total:</b>	<b>\$ 19,839,933</b>	<b>\$ 14,839,933</b>	<b>\$ 1,139,933</b>	<b>\$ 1,639,933</b>	<b>\$ 6,500,000</b>	<b>\$ 9,250,000</b>	<b>\$ 9,250,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	<b>Reservoirs:</b>										
MR20-1	Panorama - 2 MG storage tank & replace pump in RWPS	1,000,000	3,500,000	1,500,000							
MR13-2	Cascade Ridge Reservoir (.1 MG)									255,000	
MR13-3	Big Lake Storage Tank (356 HGL)								510,000		
MR13-5	N. Sedro Woolley Storage (430/350 HGL)	-							320,000		
	<b>Reservoirs Total:</b>	<b>\$ 1,000,000</b>	<b>\$ 3,500,000</b>	<b>\$ 1,500,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 830,000</b>	<b>\$ 255,000</b>	<b>\$ -</b>
	<b>Facilities</b>										
	Gilligan Creek Road/Intake Slide Repair	350,000									
	WTP Dam Pipe Replacement	-		300,000							
MO20-3	Potlatch RO Replacement		200,000								
	PUD Yard Security	75,000									
MX20-2	PUD Campus Design & Construction	4,000,000	9,000,000	5,750,000							
	<b>Facilities Total:</b>	<b>\$ 4,425,000</b>	<b>\$ 9,200,000</b>	<b>\$ 6,050,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	<b>Fiber &amp; Other:</b>										
	Annual Fiber Optic Installation Program		150,000		150,000	200,000	200,000	200,000	200,000	250,000	250,000
FO13-5	Kulshan Trail Fiber			75,000							
FO13-6	Kulshan Ave. Fiber			75,000							
	PUD Campus Fiber Burlington (Market Street)	250,000									
FO13-4	9Th Street Fiber	-		80,000							
MX13-3	Micro Hydro @ Division St. booster pump station										
MO13-5	Document Management Software Implementation										
	<b>Major Capital Total:</b>	<b>\$ 27,824,933</b>	<b>\$ 30,129,933</b>	<b>\$ 9,349,933</b>	<b>\$ 3,139,933</b>	<b>\$ 9,050,000</b>	<b>\$ 10,450,000</b>	<b>\$ 9,850,000</b>	<b>\$ 1,080,000</b>	<b>\$ 2,275,000</b>	<b>\$ 2,100,000</b>
	<b>Total Capital Projects</b>	<b>\$ 35,224,933</b>	<b>\$ 36,404,933</b>	<b>\$ 14,774,933</b>	<b>\$ 9,024,933</b>	<b>\$ 12,075,000</b>	<b>\$ 15,160,000</b>	<b>\$ 12,325,000</b>	<b>\$ 2,605,000</b>	<b>\$ 3,650,000</b>	<b>\$ 3,400,000</b>