

PROPOSED BY: Public Works

INTRODUCTION DATE: 11/09/2022

RESOLUTION NO. _____

(A Resolution of the Whatcom County Flood Control
Zone District Board of Supervisors)

**ADOPTING THE 2023 BUDGET FOR THE
WHATCOM COUNTY FLOOD CONTROL ZONE DISTRICT AND SUBZONES**

WHEREAS, RCW 86.15.140 requires that the Board of Supervisors of each flood control zone district and subzone adopt an annual budget for the zone; and

WHEREAS, the statute further requires that the zone or subzone budget be divided into four appropriation items: overhead and administration; maintenance and operation; construction and improvements; and bond retirement and interest; and

WHEREAS, under the appropriation item for construction and improvements, the Board is required to list each flood control improvement or storm water control improvement planned for the budget year and the estimated expenditure for each during the next year; and

WHEREAS, the budget may only be adopted after a public hearing for which proper notice has been given; and

WHEREAS, Fund No. 169 is managed by the County on behalf of the Whatcom County Flood Control Zone District for purposes of funding flood control, storm water management, and other water resources work by the County that are consistent with the powers of the District under RCW 86.15 and RCW 39.34.190; and

WHEREAS, funds obtained by the County through grants or cooperative agreements for flood control and other water resources work are also managed through Fund No. 169; and

WHEREAS, the 2023 budget proposed by the County Executive for the Whatcom County Flood Control Zone District includes proposed expenditures out of Fund 169 to pay for flood control, storm water management, and other water resources work consistent with the powers of the District under RCW 86.15 and RCW 39.34.190;

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors as follows:

Section I. Approval of the Budget

The Board hereby adopts the 2023 budget for the Flood Control Zone District Fund No. 169 in the amounts presented below and further described Exhibit A of this resolution:

OVERALL BUDGET SUMMARY

Budget Code	Program	RCW Appropriation Item	2023 Budget	
			Revenues	Expenditures
169100	Administration	Overhead & administration	\$6,472,000	\$1,297,083
169119	Natural Resources Administration	Overhead & administration	-	792,921
169120	AIS Administration	Overhead & administration	-	-
169121	Water Planning Administration	Overhead & administration	5,887	298,465
169122	Climate Action	Overhead & administration	130,017	130,017
169100	Stormwater Administration (Transfer)	Overhead & administration	-	855,400
169102	Flood Response	Maintenance & operations	-	110,000
169104	Flood Planning	Maintenance & operations	1,132,000	1,470,000
169106	Technical Assistance	Maintenance & operations	-	75,000
169108	NFIP and CRS	Maintenance & operations	12,000	127,000
169110	Early Warning	Maintenance & operations	4,413	174,800
169119	Natural Resources Operations	Maintenance & operations	393,228	1,526,012
169120	AIS Operations	Maintenance & operations	20,000	212,691
169121	Water Planning Operations	Maintenance & operations	181,613	736,613
169122	Climate Action	Maintenance & operations	150,000	150,000
169100	Stormwater Lake Whatcom Operations (Transfer)	Maintenance & operations	-	657,400
169700	Stormwater NPDES Phase II	Maintenance & operations	-	172,000
169100	Stormwater Lake Whatcom Capital (Transfer)	Construction & improvements	-	-
169112	Repair and Maintenance	Construction & improvements	5,026,827	6,251,204
169114	Flood Hazard Reduction	Construction & improvements	8,360,630	11,013,080
Total 2023 FCZD Budget			\$21,888,615	\$26,049,686
			\$(4,161,071)	

Code	Program		Revenues	Expenditures
16923	Acme/VanZandt Subzone	Overhead & administration	-	\$1,500
16925	Birch Bay Subzone	Overhead & administration	887,500	303,339
16921	Lynden/Everson Subzone	Maintenance & operations	47,500	42,500
16922	Sumas/Nooksack/Everson Subzone	Maintenance & operations	140,000	21,000
16923	Acme/VanZandt Subzone	Maintenance & operations	26,196	6,181
16924	Samish Watershed Subzone	Maintenance & operations	22,570	21,869
16925	Birch Bay Subzone	Maintenance & operations	-	309,450
16921	Lynden/Everson Subzone	Construction & improvements	-	72,000
16922	Sumas/Nooksack/Everson Subzone	Construction & improvements	-	103,820
16923	Acme/VanZandt Subzone	Construction & improvements	-	30,000
16925	Birch Bay Subzone	Construction & improvements	851,875	911,000
Total of 2023 FCZD Sub-Zone Budgets			\$1,705,641	\$1,822,659
			\$(117,018)	

Section II. Provisions Restricting Expenditures, Authorizing Actions, and Setting Expectations.

For purposes of purchasing and award, projects listed in the attached Exhibit (B) FCZD Construction and Improvements Work Plan shall be administered pursuant to WCC Chapter 3.08.100 A.(2) and A.(3) using the process prescribed for capital budget appropriations. Contracts for goods and services on individual items or projects listed in Exhibit (B) may be exceeded by up to 10%, provided expenditures in total do not exceed the total appropriation for the FCZD construction and improvement Work Plan.

APPROVED this ____ day of _____, 2022.

ATTEST:

WHATCOM COUNTY FLOOD CONTROL ZONE
DISTRICT BOARD OF SUPERVISORS
WHATCOM COUNTY, WASHINGTON

Dana Brown-Davis, Clerk of the Council

Todd Donovan, Chair of Board of Supervisors

APPROVED AS TO FORM:

Approved by email/C Quinn/ R Rydel
Christopher Quinn
Senior Civil Deputy Prosecuting Attorney

Flood Control Zone District Proposed 2023 Budget

OVERALL BUDGET SUMMARY

Budget Code	Program	Approved 2022 Budget		Supplemented 2022 Budget		2022 Year End Projection		Proposed 2023 Budget	
		Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures
169100	Administration	\$ 5,210,000	\$ 1,081,709	\$ 5,210,000	\$ 1,081,709	\$ 5,169,922	\$ 854,838	\$ 6,472,000	\$ 1,297,083
169100	Transfers - To Stormwater		\$ 1,075,811		\$ 1,075,811		\$ 1,313,870		\$ 1,512,800
169102	Flood Response	\$ -	\$ 110,000	\$ -	\$ 110,000	\$ -	\$ 110,000	\$ -	\$ 110,000
169104	Flood Planning	\$ 70,000	\$ 940,000	\$ 595,200	\$ 1,668,486	\$ 660,160	\$ 1,319,986	\$ 1,132,000	\$ 1,470,000
169106	Technical Assistance	\$ -	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ 75,000
169108	NFIP and CRS	\$ 12,000	\$ 127,000	\$ 12,000	\$ 127,000	\$ 12,000	\$ 115,000	\$ 12,000	\$ 127,000
169110	Early Warning	\$ 4,413	\$ 133,000	\$ 4,413	\$ 133,000	\$ 4,413	\$ 214,000	\$ 4,413	\$ 174,800
169112	Repair and Maintenance	\$ 715,000	\$ 1,692,439	\$ 3,655,997	\$ 4,972,450	\$ 1,529,353	\$ 2,258,748	\$ 5,026,827	\$ 6,251,204
169114	Flood Hazard Reduction	\$ 3,169,846	\$ 4,437,456	\$ 5,997,127	\$ 7,718,690	\$ 3,197,553	\$ 4,420,572	\$ 8,360,630	\$ 11,013,080
169119	Natural Resources	\$ 744,139	\$ 2,277,659	\$ 761,139	\$ 2,436,487	\$ 761,139	\$ 2,365,487	\$ 393,228	\$ 2,318,933
169120	Aquatic Invasive Species	\$ -	\$ 164,944	\$ -	\$ 192,944	\$ -	\$ 192,944	\$ 20,000	\$ 212,691
169121	Water Planning	\$ 175,000	\$ 548,914	\$ 319,380	\$ 1,229,590	\$ 300,000	\$ 919,750	\$ 187,500	\$ 1,035,078
169122	Climate Action Planning		\$ 230,000	\$ 230,000	\$ 230,000	\$ 170,000	\$ 170,000	\$ 280,017	\$ 280,017
169700	NPDES	\$ -	\$ 160,320	\$ -	\$ 160,320	\$ -	\$ 80,000	\$ -	\$ 172,000
TOTAL		\$ 10,100,398	\$ 12,824,252	\$ 16,785,256	\$ 21,211,487	\$ 11,804,540	\$ 14,410,194	\$ 21,888,615	\$ 26,049,686
(DECREASE)/INCREASE IN FUND BALANCE		\$ (2,723,854)		\$ (4,426,231)		\$ (2,605,654)		\$ (4,161,071)	

Notes:

Program Manager Projected 2022 Lapse: 30% Rev Lapse 32% Exp Lapse
Assumes no fall flood in 2022; 2023 budget includes funding for flood response and new repair

Starting Balance	6,914,680	1/1/2022	Starting - Beginning 2022	\$ 6,914,680
Projected Net Annual Activity	<u>(613,803)</u>		Budgeted Activity 2022	\$ (2,605,654)
Projected Balance	6,300,877	1/1/2023	Unprojected Lapse Calc all except 112&114	\$ 1,778,101
<i>2023 Proposed Budget Net Annual Activity</i>	<i>(4,161,071)</i>		Outstanding SBR's not yet budgeted	\$ -
Budget proposed fund balance after ASRs at year end	2,139,806		FEMA Revenue from 2021 recovery	\$ 213,750
<i>Add back expense lapse of 23% (with related grant income reduction)</i>	<i>2,912,313</i>		EOY 2022 Fund Balance - With Lapse	\$ 6,300,877
Projected fund balance with lapse considered	5,052,118	1/1/2024		

DETAIL FOR FCZD PROGRAM AREAS

FLOOD MAINTENANCE AND OPERATIONS

Flood Response (169102)	Proposed 2023 Budget		Assumptions/Notes
	Revenues	Expenditures	
Wage and Benefits		\$ 10,000	
Sand and sandbags		\$ 35,000	Includes pre-deployed and sand bags for training
Preparedness training		\$ 5,000	Road and M&O employees and equipment
Sector observers during response		\$ 40,000	Road employees wages and benefits for 1 significant flood event
Construction contracts		\$ 20,000	During and immediately following response (may supplement with 112 Emerg. New Projects)
TOTAL	\$ -	\$ 110,000	Budget based on 2021 flood with cost & wage increases
NET IMPACT TO FUND BALANCE	\$ (110,000)		2022 YE projection assumes small fall flood

Flood Planning (169104)	Proposed 2023 Budget		Assumptions/Notes
	Revenues	Expenditures	
Lower Nooksack			
Wage and Benefits		\$ 130,000	
CFHMP refinement/update			
PH Facilitation		\$ 80,000	6630 2021 BA inc 37,550 CA for CollinsW; need 2022 BA to cover est balance (35000) and amendment
PH Hydraulic modeling/alternatives analyses			Included below
PH FLIP process support/Engineering design/Plan	\$ 1,000,000	\$ 1,000,000	6630 2022 YE = CA+500k Amendment; 2023 assumes DOE offsetting revenue of \$1M
PH SBR-3683 FLIP Funding SBR			2022 Supplement goes with 718003 work above
PH Sediment management		\$ 70,000	7210 likely to get under contract in 2022; 3 yr (2022,2023,2024)
PH Reach 1 Sediment	\$ -	\$ -	7210 Removed in 2023. Refocused upstream
PH FLIP support for ag (AWB, farmer stipends, tribes)	\$ 80,000	\$ 100,000	7210 Pass through funding for ag consultant, farmers stipends and tribes- revenues from FbD
PH Instream flow study for DBM	\$ 52,000	\$ 65,000	6630 Revenues from '19-21 FbD ag integration task
PH High water mark survey		\$ 25,000	6630
TOTAL	\$ 1,132,000	\$ 1,470,000	
NET IMPACT TO FUND BALANCE	\$ (338,000)		

Technical Assistance (169106)	Proposed 2023 Budget		Assumptions/Notes
	Revenues	Expenditures	
Wage and Benefits		\$ 75,000	
		\$ -	
TOTAL	\$ -	\$ 75,000	
NET IMPACT TO FUND BALANCE	\$ (75,000)		

National Flood Insurance Prgm (169108)	Proposed 2023 Budget		Assumptions/Notes
	Revenues	Expenditures	
Wage and Benefits		\$ 100,000	
FEMA Floodplain mapping	\$ -	\$ 12,000	Assumes LNR mapping in 2023 - expenditures for public meeting notice
Permit reviews	\$ 12,000	\$ -	Flood permit fees
Public education/CRS activities	\$ -	\$ 15,000	CRS mailings
TOTAL	\$ 12,000	\$ 127,000	
NET IMPACT TO FUND BALANCE	\$ (115,000)		

Early Warning System (169110)	Proposed 2023 Budget		Assumptions/Notes
	Revenues	Expenditures	
Wage and Benefits		\$ 1,000	
Nooksack River gages - USGS	\$ -	\$ 146,800	2023: Added gauges and increased 3% COLA
Everson MainSt stage gage _ USGS	\$ 4,413	\$ -	Canadians reimburse cost to maintain gage; AVZ pays for Jones gage directly
Emergency access to SNOTEL	\$ -	\$ 5,000	
Equipment for gage upgrades/repairs	\$ -	\$ 12,000	Equip at NF gage may need replacing
Repairs and maintenance	\$ -	\$ 10,000	
TOTAL	\$ 4,413	\$ 174,800	
NET IMPACT TO FUND BALANCE	\$ (170,387)		

FLOOD CONSTRUCTION AND IMPROVEMENTS

Repair and Maintenance (169112)	Proposed 2023 Budget		Assumptions/Notes
	Revenues	Expenditures	
Wage and Benefits		\$ 260,000	
Misc			
Supplemental for UTV		\$ 20,000	
Construction Projects			
PH Emergency/new projects as needed	\$ 50,000	\$ 350,000	Assumed costs for responding to flood/new repairs (assumes no fall 2021 flood)

Flood Control Zone District
2023 Natural Resources Budget
Work Plan and Supporting Documentation

PH	Miscellaneous repair projects	\$	-	\$	50,000	Placeholder for small projects; fall 2019 flood assumed
PH/DJ	Marine Drive Levee Repair 2020 damage (720004)	\$	1,007,000	\$	1,000,000	Interim measures in 22, construction in 2023 (FEMA)
PH/CS	Truck Road 2020 Damage (720008)	\$	2,535,327	\$	2,608,765	Rev are 90% FEMA 5% State 2.5% Roads; rev inc wages
PH/CS	Everson Overflow Pipeline Bank Stabilization (720009)	\$	1,220,750	\$	1,225,000	design in 2022; FEMA reimburses 95%; 2022 amendment Assumes 2023 construction in case not able to do in 2022
PH/CS	SBR-3686 Everson Overflow Pipeline	\$	-	\$	-	
?PH?	SBR-3709 Supp to increase FEMA to 90%					cost -share is 95% not 90% - not sure how to redistribute
PH	Bertrand Creek Levee Stabilization (721002)	\$	-	\$	-	Delayed due to 2021 flood
PH/CS	Jones Creek Revetment Repair (722004)	\$	95,000	\$	85,000	90% FEMA 5% State cost-share. ?Subzone to Cost Share 2.5%?
PH/CS	Hudson Rd Bridge No. 132 Repair (XXXXXX)	\$	118,750	\$	110,000	90% FEMA 5% State cost-share. ?Roads to Cost Share 2.5%? Assumes no bridge replacement requirement, and RF does work, not M&O
PH	SBR-3684 Timon			\$	270,000	Anticipating 2023 activity instead of 2022
PH	SBR-3685 Upper Hampton			\$	115,000	Anticipating 2023 activity instead of 2022
Mitigation Planning/Implementation						
	Jail crew	\$	-	\$	117,439	Jail crew labor for FCZD and SWIF projects; available to diking or subzones
	Reveg planning/coordination	\$	-	\$	30,000	New 2-year contract in 2023
	Reveg/misc supplies	\$	-	\$	10,000	Increased to cover plant replacement costs for Deming and other past projects as needed
	TOTAL	\$	5,026,827	\$	6,251,204	
	NET IMPACT TO FUND BALANCE	\$	(1,224,377)			
Flood Hazard Reduction (169114)						
		Proposed 2023 Budget				
		Revenues	Expenditures	Assumptions/Notes		
	Wage and Benefits		\$	372,500		
	Misc	\$	-			
PH	SBR-3681 Buyout Program	\$	1,950,000	\$	1,950,000	USGS gage upgrades, storage study, appraisals in 2022; buyout in 2023
Swift Creek						
	Bank stabilization/channel excavation	\$	-	\$	125,580	300k commitment per year; 150k Roads; remainder cost-shared 70/30 b/w FCZD and SNE Subzone Subject to CPI-W Increases
Lower Nooksack River						
PH	Marietta property acquisition & demo New properties	\$	-	\$	50,000	Included in other acquisition line item for 2023
PH	Leases for agriculture	\$	3,780	\$	-	River Rd and Emerson Rd properties
PH	Walton Property Management	\$	16,800	\$	-	Revenues are from lease
	Floodplain acquisition	\$	1,280,000	\$	1,600,000	Revenues from FbD grant; 22 exp for pre-acquisition costs; 2023 is remaining grant task balance
PH						
DG/RR	Ferndale Levee Improvement Project (719008)	\$	220,000	\$	275,000	2022 BA will CA into 2023; 2023 budgeted amt is for Amendment to 60%
GDJ/PH	Lynden Levee Improvement Project (in conjunction with USACE rehab project) (718005)	\$	-	\$	-	22 BA for planting and O&M plan in 2022; actual work included flood repairs; rev are from FbD and FEMA
DG/RR	Abbott Levee Improvement (SWIF) (718010)	\$	-	\$	-	Assumes Roads pays 50%; Amended in 2022 for phase 2. Will CA into 2023
PH/CS	Cougar Creek Early Action Project Design (720010)	\$	52,000	\$	65,000	Assume an amendment for bidding/construction support executed next yr. Assume FbD will also fund this at 80%?
PH/DJ	Other FbD Early Action Projects (TBD)	\$	128,000	\$	160,000	22 is for appraisals and side channel; 23 Balance of task budget in 2019-21 FbD grant; projects TBD
South Fork Fish Camp Project (72100x)						
PH/DJ	Phase 1 design/construction	\$	-	\$	-	Pass-through FbD funding to Nooksack Tribe for integrated fish-flood project: Tribe to provide grant match (not included in WRIP)
Dahlberg Wetland Mitigation Site (719006)						
PH/CS	Wetland plan development			\$	15,000	2022 cost for data collection and RFP; 2023 is data collection
Jones Creek Deflection Berm (712004)						
PH/CS	Berm and bridge design	\$	7,500	\$	25,000	2022BA inc CA and \$75k supplement; design not under grant but rev are 30% from Roads
PH/CS	Land/easement acquisition	\$	4,000	\$	5,000	Assumes Bassir in 2022 and Franklin in 23
PJ/CS						
	Construction	\$	3,918,550	\$	5,295,000	Grant revenues \$30,000 reimbursement from Acme Water Dist. Roads will fund the local share of the road realignment work. Assume reallocation of FBD 21-23 1.5M
PH/CS	SBR-3687 Budget Supplemental - Property Acq.	\$	-	\$	-	Integrated into specific items above
High Creek Sediment Management						
PH/CS	Sediment trap maintenance (720005)	\$	-	\$	100,000	FEMA funded in 2022; 22 BA inc supplement
Glacier-Gallup Creek Alluvial Fan Restoration (718007)						
PH/DJ	Outreach	\$	20,000	\$	25,000	2022 BA and will CA into 23; rev are FbD
PH/DJ	Preliminary design	\$	760,000	\$	950,000	22 BA is CA+amendment+Drayton; 23 BA for construction for interim
	TOTAL	\$	8,360,630	\$	11,013,080	
	NET IMPACT TO FUND BALANCE	\$	(2,652,450)			

Flood Control Zone District
 2023 Natural Resources Budget
 Work Plan and Supporting Documentation

Natural Resources (169119)	Proposed 2023 Budget		Assumptions/Notes
	Revenues	Expenditures	
NATURAL RESOURCES ADMINISTRATION			
Staff		\$ 457,105	Includes salary for 3.5 FTEs and overtime.
Office and operating		\$ 335,816	
TOTAL	\$ -	\$ 792,921	
NET IMPACT TO FUND BALANCE	\$ (792,921)		
NATURAL RESOURCES OPERATIONS			
Salmon Recovery			
Staff		\$ 133,331	1 FTE
Restoration effectiveness monitoring, adaptive management, and stewardship		\$ 65,344	WCC crew restoration activities
Maintaining existing restoration projects*		\$ 98,016	WCC crew contract for maintaining
New restoration projects*		\$ 30,000	Contracted services for activities supporting planting, fencing, culvert replacement, etc.
Marine Resources Committee			
Staff	\$ 148,728	\$ 167,672	0.95 FTE + \$1,100 for intern
MRC restoration projects	\$ 98,000	\$ 102,000	MRC projects
Water Quality/Pollution Identification & Correction			
Program Coordination		\$ 140,081	Program Coordinator (1 FTE)
Water Quality Monitoring	\$ -	\$ 259,760	Sampling personnel, lab contract, one
Data Management	\$ 30,000	\$ 30,000	WCD Data Manager
Technical Assistance	\$ 65,000	\$ 65,000	WCD Farm Planners
Community Outreach	\$ 19,100	\$ 192,955	Outreach staff, WCD staff, supplies
Incentives	\$ 32,400	\$ 54,400	OSS and small farm cost share
Compliance		\$ 99,263	PDS Staff
Coordination and Planning			
Lake Whatcom Homeowner Incentive Program		\$ 63,191	Staff time only (0.5 FTE); contracted
WSU Extension outreach services		\$ 25,000	
TOTAL	\$ 393,228	\$ 1,526,013	
NET IMPACT TO FUND BALANCE	\$ (1,132,785)		
TOTAL FOR COST CENTER	\$ 393,228	\$ 2,318,933	
		\$ 1,925,705	
*Integrated Salmon Recovery/Flood Hazard Reduction capital and planning projects appear under Cost Center 169114 and 169104.			
Aquatic Invasive Species (169120)			
		Proposed 2023 Budget	
		Revenues	Expenditures
AIS ADMINISTRATION			
Staff	\$ -	\$ -	
Office and operating		\$ -	Misc. Expenses
TOTAL	\$ -	\$ -	
NET IMPACT TO FUND BALANCE	\$ -		
AIS OPERATIONS			
Coordination and Planning			
Interlocal Agreement (COB)	\$ -	\$ 162,691	Contribution to City for AIS Program; includes COB program cost increase
Enforcement	\$ 20,000	\$ 40,000	Interdepartmental Agreement with WCSO
AIS online education program website maintenance	\$ -	\$ 10,000	Contracted services for online
TOTAL	\$ 20,000	\$ 212,691	
NET IMPACT TO FUND BALANCE	\$ (192,691)		
TOTAL FOR COST CENTER	\$ 20,000	\$ 212,691	
		\$ 192,691	
Water Planning (169121)			
		Proposed 2023 Budget	
		Revenues	Expenditures
WATER PLANNING ADMINISTRATION			
Staff	\$ 5,887	\$ 136,707	Watershed Planner + LIO Labor
Program Specialist		\$ 161,208	Property/Restoration Manager
Office and operating		\$ 550	
TOTAL	\$ 5,887	\$ 298,465	
NET IMPACT TO FUND BALANCE	\$ (292,578)		

Flood Control Zone District
 2023 Natural Resources Budget
 Work Plan and Supporting Documentation

WATER PLANNING OPERATIONS			
Coordination and Planning			
Drainage-Based Management		\$ 50,000	Drainage-Based Management
Watershed Planning Administrative Support		\$ 30,000	Watershed Planning Administrative Support
Whatcom Groundwater Model		\$ 100,000	Whatcom Groundwater Model
LIO administration	\$ 119,113	\$ 119,113	Administration of LIO process
Stream Gauging		\$ 125,000	USGS Stream Monitoring/AESI GW Monitoring Contracts
Water Settlement Initiative	\$ 62,500	\$ 282,500	Collaborative Process to Resolve Water Issues
Domestic Water Use Efficiency Program		\$ 30,000	Domestic Water Use Efficiency Program
TOTAL	\$ 181,613	\$ 736,613	
NET IMPACT TO FUND BALANCE	\$ (555,000)		
TOTAL FOR COST CENTER	\$ 187,500	\$ 1,035,078	
		\$ 847,578	
Climate Action (169122)			
	Proposed 2023 Budget		Assumptions/Notes
	Revenues	Expenditures	
CLIMATE ACTION ADMINISTRATION			
Staff	\$ 120,017	\$ 120,017	
Office and operating	\$ 10,000	\$ 10,000	Misc. Expenses
TOTAL	\$ 130,017	\$ 130,017	
NET IMPACT TO FUND BALANCE	\$ -		
CLIMATE ACTION OPERATIONS			
Coordination and Planning			
Climate Vulnerability Assessment	\$ -	\$ -	Climate Vulnerability Assessment
	\$ 150,000	\$ 150,000	
	\$ -	\$ -	
TOTAL	\$ 150,000	\$ 150,000	
NET IMPACT TO FUND BALANCE	\$ -		
TOTAL FOR COST CENTER	\$ 280,017	\$ 280,017	
		\$ -	
	\$ 3,846,719		
	\$ 880,745		
	\$ (2,965,974)		
		\$ 3,846,719	Total with ASRs
		\$ (307,738)	8% lapse on expenses with ASRs
		\$ 3,538,981	Estimated 2023 Expenditures

**Lynden/Everson Subzone
2023 Budget
and Fund Balance Projections**

Fund balance as of December 31, 2021	\$172,090	(+)	(-)	Notes
2022 Estimated Revenues:				
Assessment				
	\$45,000			
Interest earnings/penalties				
	\$2,500			
2022 Estimated Expenditures:				
Levee vegetation maintenance				\$25,000 brushing, spraying and hydroseeding
Mole control/misc				\$0 ACOE deficiency
Alternative corrections crew labor				\$10,000 misc levee and mitigation
Address new ACOE deficiencies				\$0 new problems placeholder
ACOE Culvert Inspections				\$0 video/photos
Cost-share/repairs as needed				\$20,000 New damage
Coordination				\$5,000 staff time
	Total			
				\$47,500
				\$60,000
Projected December 2022 fund balance	\$159,590			
 2023 Revenues - Proposed Budget				
Assessment				
				\$45,000
Interest earnings				
				\$2,500
2023 Expenditures - Proposed Budget				
Levee vegetation maintenance				\$30,000 brushing, spraying and hydroseeding
Mole control/misc				\$2,500 ACOE deficiency
Alternative corrections crew labor				\$10,000 misc levee and mitigation maintenance
Address new ACOE deficiencies				\$6,000 new problems placeholder
ACOE Culvert Inspections				\$6,000 video/photos
Cost-share/repairs as needed				\$50,000 Timon & Upper Hampton 30% Share
Coordination				\$10,000 staff time
	Total			
				\$47,500
				\$114,500
Projected December 2023 fund balance	\$92,590			

**Sumas/Nooksack/Everson Subzone
2023 Budget
and Fund Balance Projections**

Fund balance as of December 31, 2021	\$1,539,280	(+)	(-)	Notes
2022 Estimated Revenues:				
Assessment		\$125,000		
Interest earnings		\$15,000		
2022 Estimated Expenditures:				
Levee vegetation maintenance				\$5,000 brushing, spraying and hydroseed
Pump station electric charges				\$2,500 PSE
Mitigation monitoring and maintenance				\$1,000 supplies
Alternative corrections crew labor				\$5,000 misc maintenance
Coordination, TA & Project Mgmt.				\$5,000 staff costs
Transfer to Swift Creek project fund				\$49,125 150k Road fund, 105K FCZD fund also transferred for \$300k/yr subject to CPI-Urban Seattle
Cost-share/repairs as needed (new damage)				\$35,000 30% of \$500,000 project
Total		\$140,000		\$102,625
Projected December 2022 fund balance	\$1,576,655			
 2023 Revenues - Proposed Budget				
Assessment		\$125,000		
Interest earnings		\$15,000		
2023 Expenditures - Proposed Budget				
Levee vegetation maintenance				\$6,000 brushing, spraying and hydroseed
Pump station electric charges				\$3,000 PSE
Mitigation monitoring and maintenance				\$2,000 supplies
Alternative corrections crew labor				\$5,000 misc maintenance
Coordination, TA & Project Mgmt.				\$5,000 staff costs
Transfer to Swift Creek project fund				\$53,820 150k Road fund, 105K FCZD fund also transferred for \$300k/yr subject to CPI-Urban Seattle
Cost-share/repairs as needed (new damage)				\$50,000 30% of \$500,000 project
Total		\$140,000		\$124,820
Projected December 2023 fund balance	\$1,591,835			

**Acme/Van Zandt Subzone
2023 Budget
and Fund Balance Projections**

Fund balance as of December 31, 2021	\$386,230	(+)	(-)	Notes
2022 Estimated Revenues:				
Assessment		\$24,196		
Interest earnings		\$2,000		
2022 Estimated Expenditures:				
Cost-share/repairs as needed			\$30,000	30% of 100k project
M&O for Jones Creek stage/prec gage (9 month operation)			\$6,181	9 month operation with telemetry
Admin support for meetings/minutes			\$1,500	
Total		\$26,196	\$37,681	
Projected December 2022 fund balance	\$374,745			
 2023 Revenues - Proposed Budget				
Assessment		\$24,196		
Interest earnings		\$2,000		
2023 Expenditures - Proposed Budget				
Cost-share/repairs as needed			\$30,000	30% of 100k project
M&O for Jones Creek stage/prec gage (9 month operation)			\$6,181	9 month operation with telemetry
Admin support for meetings/minutes			\$1,500	
Total		\$26,196	\$37,681	
Projected December 2023 fund balance	\$363,260			

**Samish Watershed Subzone
2023 Proposed Budget
and Fund Balance Projections**

Fund balance as of December 31, 2021	\$144,169	(+)	(-)	Subtotal	Notes
2022 Estimated Revenues:				\$22,555	
Assessment			\$21,820		2X June actual
Interest earnings			\$735		2X June actual
2022 Estimated Expenditures:				\$21,400	
Natural resource staff salaries, wages, benefits				\$6,750	
Office & operating supplies				\$500	Weir timber replacement, new neoprene baffles, etc.
Repair & maintain weir & channel - contract services				\$7,900	2021-2022 LOA amount plus 3.5% cost increase for 2022-2023 LOA + \$2000 for beaver trapping
Repairs & Maintenance - interfund				\$6,250	Assumes M&O rental rates don't inflate appreciably
Permits				\$0	Permits current thru spring 2024
Total			\$22,555	\$21,400	
Projected Fund Balance December 31, 2022	\$145,324				
2023 Revenues - Proposed Budget				\$22,570	
Assessment			\$21,820		Assumes 2023 similar to 2022
Interest earnings			\$750		Assumes 2023 similar to 2022
2023 Expenditures - Proposed Budget				\$21,869	
Natural resource staff salaries, wages, benefits				\$6,750	Increased 3.5% over 2022
Office & operating supplies				\$1,500	Weir timber replacement, new neoprene baffles, etc.
Repair & maintain weir & channel - contract services				\$6,400	2021-2022 LOA amount plus 3.5% cost increase for 2022-2023 LOA + \$2000 for beaver trapping
Repairs & Maintenance - interfund				\$6,469	Increased 3.5% over 2022
Permits				\$750	Permits current thru spring 2024; reapply fall 2023
Total			\$22,570	\$21,869	
Projected December 2023 fund balance	\$146,025				

**Birch Bay Subzone
2023 Budget**

	Administration/ Program Development	Program Development & Management	Capital Improvement Projects	Maintenance, Small Works & Scoping	Water Quality Monitoring	Education & Outreach	Habitat Improvement	Total	Overhead/ Admin	2023 Break Out			
	2023	2023	2023	2023	2023	2023	2023	2023	A	O	C		
Revenue													
FEMA - Fed (75%)			(498,750)					(498,750)	-		(498,750)		
FEMA - State (12.5%)			(83,125)					(83,125)	-		(83,125)		
Assessment Penalties	(2,500)							(2,500)	(2,500)		-		
Interest	(20,000)							(20,000)	(20,000)		-		
Assessments	(795,000)							(795,000)	(795,000)		-		
Stormwater transfer in	(70,000)							(70,000)	(70,000)		-		
REET II transfer in								-	-		-		
Revenue Total	(887,500)		(581,875)					(1,469,375)	(887,500)		(581,875)	(1,469,375)	
Expense													
Salaries & Wages	93,096							93,096					
Extra Help	22,980							22,980					
Overtime	2,000							2,000					
Benefits	67,836							67,836					
Total Salaries & Benefits	185,912							185,912			185,912		
Unrealized Gain (Loss)													
Office & Operating Supplies	1,000					6,700		7,700	7,700				
Printing						9,700		9,700		9,700			
Books/Publications/Subscrip.	200					130		330	330				
Tools & Equipment					100			100		100			
Software	1,500							1,500	1,500				
Other Services and Charges (Emergency)	50,000							50,000		50,000			
Contractual Services				5,000	12,500			17,500		17,500			
Professional Services	20,000		425,000	34,000		15,000	50,000	544,000		85,000		459,000	
Building Maintenance	0							-					
Other Services-Interfund			-	22,000				22,000				22,000	
Postage/Shipping/Freigh	500					9,350		9,850		9,850			
Telephone	965							965	965				
Travel-Educ/Training	1,000							1,000	1,000				
Travel-Other	1,500							1,500	1,500				
Advertising						200		200		200			
Space Rental	500							500	500				
Space Rental-Interfund	1,600							1,600	1,600				
Insurance Premium - Interfunc	1,158							1,158	1,158				
Solid Waste						2,000		2,000	2,000				
Repairs & Maintenance				75,000				75,000		75,000			
Repairs & Maintenance - Interfunc				-				-		0			
Registration/Tuition	2,100							2,100	2,100				
Meeting Refreshments	300					500		800		800			
Administrative Cost Allocation	16,757							16,757	16,757				
Other Miscellaneous-Interfunc			-	5,000				5,000				5,000	
Intergov. Professional Services						23,600	37,700	61,300		61,300			
Capital Outlays - Other Improvements			425,000					425,000				425,000	
Operating Transfer Out - Gen Fc	80,317							80,317	80,317				
Total Expenditures	365,309	-	850,000	141,000	12,600	67,180	87,700	1,523,789	303,339	309,450	911,000	1,523,789	
								Net Fund Impact:	54,414	(584,161)	309,450	329,125	54,414

Projected 2023 Starting Balance: 1,145,747
 Net 2023 Fund Impact: (54,414)
 Lapse Add Back at 15%: 228,568
 Projected 2023 Ending Balance: 1,319,901

Capital Improvement Projects

Object Code	Project/Program	2023	Notes
9259020001	Semiahmoo Drive Stormwater Improvements		
6630	PROFESSIONAL SERVICES	200,000	Design, archaeology, bid support
7380	CAPITAL OUTLAYS - OTHER IMPROVEMENTS	50,000	Construction contract, ROW
6699	OTHER SERVICES INTERFUND		Construction staking, as-built survey, permitting assistance, engineering oversight
7199	OTHER MISC INTERFUND		Permit expense
9259019002	Charel Terrace Bank Stabilization Study		
6630	PROFESSIONAL SERVICES	40,000	Herrera design contract. Received \$110k from FEMA, requires 12.5% match
7380	CAPITAL OUTLAYS - OTHER IMPROVEMENTS	375,000	Construction contract, ROW
6699	OTHER SERVICES INTERFUND		Construction staking, as-built survey, permitting assistance, engineering oversight
7199	OTHER MISC INTERFUND		Permit expense
9259020002	Holeman Avenue Stormwater Improvements		
6630	PROFESSIONAL SERVICES	35,000	Design, archaeology, bid support
7380	CAPITAL OUTLAYS - OTHER IMPROVEMENTS		Construction contract, ROW
6699	OTHER SERVICES INTERFUND		Construction staking, as-built survey, permitting assistance, engineering oversight
7199	OTHER MISC INTERFUND		Permit expense
9259021001	Normar Place Stormwater Improvements		
6630	PROFESSIONAL SERVICES	150,000	Design, archaeology, bid support
7380	CAPITAL OUTLAYS - OTHER IMPROVEMENTS		Construction contract, ROW
6699	OTHER SERVICES INTERFUND		Construction staking, as-built survey, permitting assistance, engineering oversight
7199	OTHER MISC INTERFUND		Permit expense
169250	Birch Point Road & Outfall Improvements		
6630	PROFESSIONAL SERVICES		Design, archaeology, bid support
7380	CAPITAL OUTLAYS - OTHER IMPROVEMENTS		Construction contract, ROW
6699	OTHER SERVICES INTERFUND		Construction staking, as-built survey, permitting assistance, engineering oversight
7199	OTHER MISC INTERFUND		Permit expense
Total Expenditures		850,000	
Object Code Totals			
6630	PROFESSIONAL SERVICES	425,000	
6699	OTHER SERVICES INTERFUND	0	
7199	OTHER MISC INTERFUND	0	
7380	CAPITAL OUTLAYS - OTHER IMPROVEMENTS	425,000	
Total Expenditures		850,000	

Whatcom County Flood Control Zone District
 Flood Capital Program
 2023

Department	Fund	Database ID No.	Project Title	Year	Cost	Fund #	Cost Center
Flood Capital Program							
Public Works	Flood Fund	20-002	Everson Overflow Pipeline Bank Stabilization	2023	\$ 1,285,000	169	720009
Public Works	Flood Fund	20-001	Marine Drive Levee 2020 Damage Repair	2023	\$ 1,060,000	169	720004
Public Works	Flood Fund	20-003	Truck Road Flood Damage	2023	\$ 2,667,600	169	720008
Public Works	Flood Fund	07-105	Jones Creek Debris Flow Protection	2023	\$ 5,430,000	169	712004
Public Works	Flood Fund	22-001	Hudson Rd Bridge No. 132 Repair	2023	\$ 125,000	169	722006
Public Works	Flood Fund	22-002	Timon Levee USACE Rehab	2023	\$ 270,000	169	722001
Public Works	Flood Fund	22-004	Upper Hampton USACE Levee Rehab	2023	\$ 115,000	169	722008
Public Works	Flood Fund	22-003	Jones Creek Revetment Repair	2023	\$ 100,500	169	722004
Public Works	Flood Fund	16-008	Cougar Creek Early Action Project	2023	\$ 75,500	169	720010
Public Works	Flood Fund	16-007	Abbott Levee Protection and Improvement	2023	\$ 50,000	169	718010
Public Works	Flood Fund	07-104	Ferndale Levee Improvement	2023	\$ 325,000	169	719008
Public Works	Flood Fund	18-006	Glacier-Gallup Alluvial Fan Restoration	2023	\$ 1,045,000	169	718007
Public Works	Flood Fund	07-002	Floodplain Acquisition	2023	\$ 1,600,000	169	169114
Public Works	Flood Fund	07-002	Marietta Acquisition	2023	\$ 55,000	169	709026
Public Works	Flood Fund	22-005	High Creek Sediment Trap	2023	\$ 115,000	169	720005
Total					\$ 14,318,600		
Public Works	BBWARM	20-011	Charel Terrace Stormwater Outfall Improvements	2023	\$ 415,000	16925	9259019002
Public Works	BBWARM	18-009	Semiahmoo Drive Drainage Improvements	2023	\$ 250,000	16925	9259020001
Public Works	BBWARM	19-004	Normar Place Stormwater Improvements	2023	\$ 150,000	16925	9259021001
Total					\$ 815,000		