

**WHATCOM COUNTY
PUBLIC WORKS DEPARTMENT**

ELIZABETH KOSA
Director



NATURAL RESOURCES

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MEMORANDUM

TO: The Honorable Satpal Singh Sidhu, Whatcom County Executive, and
Honorable Members of the Whatcom County Council

THROUGH: Elizabeth Kosa, Director

FROM: Gary S. Stoyka, Natural Resources Program Manager

DATE: October 9, 2024

RE: October 15, 2024 Council Water Work Session

Please refer to the proposed agenda below for the next Water Work Session. Additional supporting documents may be distributed at or before the meeting.

AGENDA

Date:	Tuesday, October 15, 2024		
Time:	10:30 a.m. to 12:00 p.m.		
Place:	Hybrid Meeting: In Person: Civic Center Garden Level Conference Room (322 N. Commercial St., Street Level) Virtual: For instructions on how to watch or participate in this meeting, please visit us at www.whatcomcounty.us/joinvirtualcouncil or contact the Council Office at 360.778.5010. View meeting schedules, agendas, minutes, videos, and archives at www.whatcom.legistar.com .		
Time	Topic	Council Action Requested	Background Information Attached
10:30 AM – 10:45 AM	Water Issues Update	Informational	None
10:45 AM – 11:15 AM	Proposed 2025 Flood Control Zone District Budget	Informational	Proposed 2025 Flood Control Zone District Budget
11:15 AM – 11:45 AM	Lake Whatcom Down-Zone Discussion	Discussion	None
11:45 AM – 12:00 PM	WRIA 1 Planning Unit update	Informational	None

If you have questions, please feel free to call me at (360) 778-6218.

cc:

Cathy Halka
Kristi Felbinger
Jill Nixon
Jennifer Schneider
Bennett Knox

John Thompson
Paula Harris
Kraig Olason
Chris Elder
Cathy Craver

Doug Ranney
Melissa Donnelly
Roland Middleton
Erin Page
Julie Anderson

Joshua Fleischmann
Mark Personius
Kayla Schott-Bresler
Sue Sullivan
Aly Pennucci

Brandy Reed

Flood Control Zone District
Proposed 2025 Budget

OVERALL BUDGET SUMMARY

Budget Code	Program	Approved 2024 Budget		Supplemented 2024 Budget		2024 Year End Projection		Proposed 2025 Budget		Proposed Ongoing 2025 ASR's		Proposed One Time 2025 ASR's	
		Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures
100	Administration	\$ 7,062,925	\$ 1,718,323	\$ 7,062,925	\$ 1,733,723	\$ 6,785,922	\$ 1,374,195	\$ 6,609,000	\$ 1,367,487		\$ 2,500		
100	Transfers - To Stormwater		\$ 1,339,811		\$ 1,401,722		\$ 1,332,350		\$ 1,304,811				
102	Flood Response	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ -	\$ 60,000	\$ -	\$ 120,000				
104	Flood Planning	\$ 1,448,000	\$ 1,815,000	\$ 1,914,201	\$ 2,281,201	\$ 1,466,082	\$ 1,621,002	\$ 1,657,048	\$ 1,847,048				
106	Technical Assistance	\$ -	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ 65,000	\$ -	\$ 75,000				
108	NFIP and CRS	\$ 12,000	\$ 177,000	\$ 12,000	\$ 177,000	\$ -	\$ 150,000	\$ 12,000	\$ 177,000				
110	Early Warning	\$ 4,680	\$ 193,000	\$ 4,680	\$ 232,775	\$ 4,680	\$ 162,200	\$ 5,050	\$ 195,500				
112	Repair and Maintenance	\$ 2,772,725	\$ 4,139,439	\$ 2,832,966	\$ 4,233,865	\$ 1,208,780	\$ 2,065,854	\$ 1,384,063	\$ 2,219,807				
114	Flood Hazard Reduction	\$ 18,163,913	\$ 20,619,039	\$ 18,436,066	\$ 21,022,081	\$ 8,550,733	\$ 9,125,059	\$ 15,565,085	\$ 18,632,234				
119	Natural Resources	\$ -	\$ 792,654	\$ -	\$ 792,654	\$ -	\$ 1,204,606	\$ -	\$ 1,034,064	\$ 3,027		\$ 50,000	
120	Aquatic Invasive Species	\$ -	\$ 230,826	\$ -	\$ 232,026	\$ -	\$ 232,026	\$ 20,000	\$ 239,367				
121	Water Planning	\$ 125,000	\$ 741,164	\$ 1,125,000	\$ 2,563,601	\$ 632,090	\$ 1,527,571	\$ 382,090	\$ 1,010,361	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
122	Climate Action Planning	\$ -	\$ 147,119	\$ -	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000			
123	Marine Resources Committee	\$ 124,000	\$ 136,861	\$ -	\$ 216,792	\$ 195,585	\$ 215,711	\$ 125,000	\$ 149,045			\$ 104,270	\$ 104,270
124	Water Quality	\$ 615,211	\$ 1,257,375	\$ 615,211	\$ 1,252,572	\$ 615,211	\$ 1,005,444	\$ 813,500	\$ 1,360,048				
125	Salmon Recovery	\$ -	\$ 468,815	\$ 771,477	\$ 1,127,768	\$ 69,472	\$ 416,493	\$ 1,615,296	\$ 2,036,741				
126	Lake Whatcom	\$ -	\$ 87,249	\$ -	\$ 58,959	\$ -	\$ 58,959	\$ -	\$ 66,203				
700	NPDES	\$ -	\$ 172,000	\$ -	\$ 172,000	\$ -	\$ 104,300	\$ -	\$ 172,000				
TOTAL		\$ 30,328,454	\$ 34,230,675	\$ 32,774,526	\$ 37,743,739	\$ 19,528,555	\$ 20,770,769	\$ 28,188,131	\$ 32,006,716	\$ 250,000	\$ 305,527	\$ 354,270	\$ 404,270
(DECREASE)/INCREASE IN FUND BALANCE		\$ (3,902,221)		\$ (4,969,213)		\$ (1,242,214)		\$ (3,818,585)		\$ (55,527)		\$ (50,000)	

Notes: Program Manager Projected 2024 Lapse: 40% Rev Lapse 45% Exp Lapse
Assumes no fall flood in 2024; 2025 budget includes funding for flood response and new repair

Starting Balance	5,916,740	1/1/2024	Starting - Beginning 2024	\$ 5,916,740	
Projected Net Annual Activity	194,764		Budgeted Activity 2024	\$ (1,242,214)	
Projected Balance	6,111,504	1/1/2025	Unprojected Lapse Calc all except 112&114	\$ 1,436,978	15%
2024 Proposed Budget Net Annual Activity	(3,818,585)		Outstanding SBR's not yet budgeted	\$ -	
Budget proposed fund balance at year end	2,292,919				
2024 Proposed ASR Net Activity	(105,527)				
Budget proposed fund balance after ASRs at year end	2,187,392				
Add back expense lapse of 30% (with related grant income reduction)	4,730,210		FEMA Revenue from 2021/2022 recovery	\$ -	
Projected fund balance with lapse considered	6,917,602	1/1/2026	EOY 2024 Fund Balance - With Lapse	\$ 6,111,504	

Pre-Tax Net Draw on Flood Fund		
	2024	2025
Flood	\$ (2,018,840)	\$ (4,643,344)
NR	\$ (3,198,451)	\$ (2,992,970)
Stormwater	\$ (1,436,650)	\$ (1,476,811)

Flood Control Zone District
2025 Flood Program Budget
Work Plan and Supporting Documentation

DETAIL FOR FCZD PROGRAM AREAS

FLOOD MAINTENANCE AND OPERATIONS									
Flood Response (169102)	Original 2024 Budget		Supplemented 2024 Budget		2024 Year End Projection		Proposed 2025 Budget		Assumptions/Notes
	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	
Wage and Benefits		\$ 20,000		\$ 20,000		\$ 20,000		\$ 20,000	
Sand and sandbags		\$ 35,000		\$ 35,000		\$ 5,000		\$ 35,000	Includes pre-deployed and sand bags for training Road and M&O employees and equipment Road employees wages and benefits for 1 significant flood event During and immediately following response (may supplement with 112 Emerg. New Projects)
Preparedness training		\$ 5,000		\$ 5,000		\$ 5,000		\$ 5,000	
Sector observers during response		\$ 40,000		\$ 40,000		\$ 20,000		\$ 40,000	
Construction contracts		\$ 20,000		\$ 20,000		\$ 10,000		\$ 20,000	
TOTAL	\$ -	\$ 120,000	\$ -	\$ 120,000	\$ -	\$ 60,000	\$ -	\$ 120,000	
NET IMPACT TO FUND BALANCE	\$ (120,000)		\$ (120,000)		\$ (60,000)		\$ (120,000)		Budget based on 2021 flood with cost & wage increases 2024 YE projection includes Jan flood and assumes small fall flood
Flood Planning (169104)	Original 2024 Budget		Supplemented 2024 Budget		2024 Year End Projection		Proposed 2025 Budget		Assumptions/Notes
	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	
Lower Nooksack									
Wage and Benefits		\$ 130,000		\$ 130,000		\$ 130,000		\$ 130,000	
CFHMP refinement/update									
Facilitation		\$ 100,000	\$ 37,598	\$ 137,598	\$ 30,400	\$ 38,000		\$ -	6630 Added to Herrera team in mid-2024;
FLIP support/Technical/Engineering design/Plan (Herrerra team)	\$ 1,000,000	\$ 1,000,000	\$ 1,359,933	\$ 1,359,933	\$ 900,000	\$ 900,000	\$ 1,500,000	\$ 1,500,000	6630 Herrera team includes facilitation; assume CA into '25 + amendment; new proviso assumed in '25
Sediment management	\$ 80,000	\$ 100,000	\$ 80,000	\$ 100,000	\$ 77,002	\$ 77,002	\$ 17,048	\$ 17,048	7210 USGS support; revenues are from DOE Proviso
FLIP support for partners (AWB, farmer stipends, tribes, cities)	\$ 128,000	\$ 160,000	\$ 182,270	\$ 207,965	\$ 69,280	\$ 86,600	\$ 140,000	\$ 175,000	7210 Pass through funding for ag consultant, Cities and tribes, farmers stipends- revenues from FbD
River bathymmetry (LiDAR + boat survey)	\$ 240,000	\$ 300,000	\$ 240,000	\$ 300,000	\$ 375,000	\$ 375,000	\$ -	\$ -	7210 New river bathy to evaluate changes in capacity; revenues from '23-25 Proviso
Storage study			\$ 14,400	\$ 20,705	\$ 14,400	\$ 14,400			Transferred from 722002 + CA; Commerce revenues
High water mark survey		\$ 25,000		\$ 25,000				\$ 25,000	6630
TOTAL	\$ 1,448,000	\$ 1,815,000	\$ 1,914,201	\$ 2,281,201	\$ 1,466,082	\$ 1,621,002	\$ 1,657,048	\$ 1,847,048	
NET IMPACT TO FUND BALANCE	\$ (367,000)		\$ (367,000)	\$ 466,201	\$ (154,920)		\$ (190,000)		
Technical Assistance (169106)	Original 2024 Budget		Supplemented 2024 Budget		2024 Year End Projection		Proposed 2025 Budget		Assumptions/Notes
	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	
Wage and Benefits		\$ 75,000		\$ 75,000		\$ 65,000		\$ 75,000	
		\$ -		\$ -				\$ -	
TOTAL	\$ -	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ 65,000	\$ -	\$ 75,000	
NET IMPACT TO FUND BALANCE	\$ (75,000)		\$ (75,000)		\$ (65,000)		\$ (75,000)		

Flood Control Zone District
2025 Flood Program Budget
Work Plan and Supporting Documentation

National Flood Insurance Prgm (169108)	Original 2024 Budget		Supplemented 2024 Budget		2024 Year End Projection		Proposed 2025 Budget		Assumptions/Notes
	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	
Wage and Benefits		\$ 150,000		\$ 150,000		\$ 150,000		\$ 150,000	
FEMA Floodplain mapping	\$ -	\$ 12,000	\$ -	\$ 12,000			\$ -	\$ 12,000	Assumes LNR mapping in 2023 - expenditures for public meeting notice Flood permit fees CRS mailings
Permit reviews	\$ 12,000	\$ -	\$ 12,000	\$ -			\$ 12,000	\$ -	
Public education/CRS activities	\$ -	\$ 15,000	\$ -	\$ 15,000			\$ -	\$ 15,000	
TOTAL	\$ 12,000	\$ 177,000	\$ 12,000	\$ 177,000	\$ -	\$ 150,000	\$ 12,000	\$ 177,000	
NET IMPACT TO FUND BALANCE	\$ (165,000)		\$ (165,000)		\$ (150,000)		\$ (165,000)		
Early Warning System (169110)	Original 2024 Budget		Supplemented 2024 Budget		2024 Year End Projection		Proposed 2025 Budget		Assumptions/Notes
	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	
Wage and Benefits		\$ 1,000		\$ 1,000		\$ 1,000		\$ 1,000	
Nooksack River gages - USGS	\$ -	\$ 165,000	\$ -	\$ 204,775		\$ 161,200	\$ -	\$ 167,500	USGS M&O costs increased 5% Canadians reimburse cost to maintain gage; AVZ pays for Jones gage directly
Everson MainSt stage gage _ USGS	\$ 4,680	\$ -	\$ 4,680	\$ -	\$ 4,680		\$ 5,050	\$ -	
Emergency access to SNOTEL	\$ -	\$ 5,000	\$ -	\$ 5,000			\$ -	\$ 5,000	Equip at NF gage may need replacing
Equipment for gage upgrades/repairs	\$ -	\$ 12,000	\$ -	\$ 12,000			\$ -	\$ 12,000	
Repairs and maintenance	\$ -	\$ 10,000	\$ -	\$ 10,000			\$ -	\$ 10,000	
TOTAL	\$ 4,680	\$ 193,000	\$ 4,680	\$ 232,775	\$ 4,680	\$ 162,200	\$ 5,050	\$ 195,500	
NET IMPACT TO FUND BALANCE	\$ (188,320)		\$ (228,095)		\$ (157,520)		\$ (190,450)		
FLOOD CONSTRUCTION AND IMPROVEMENTS									
Repair and Maintenance (169112)	Original 2024 Budget		Supplemented 2024 Budget		2024 Year End Projection		Proposed 2025 Budget		Assumptions/Notes
	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	Revenues	Expenditures	
Wage and Benefits		\$ 170,000		\$ 170,000				\$ 317,500	
Misc									
Construction Projects									
Emergency/new projects as needed	\$ 50,000	\$ 350,000	\$ 50,000	\$ 350,000			\$ 50,000	\$ 350,000	Assumed costs for responding to flood/new repairs (assumes no fall 2024 flood) Placeholder for small projects 24 BA inc Cas for PSE and plants
Miscellaneous repair projects	\$ -	\$ 50,000	\$ -	\$ 50,000			\$ -	\$ 50,000	
Marine Dr Levee 2020 Damage Repair (720004)	\$ 38,000	\$ 30,000	\$ 98,241	\$ 93,411	\$ 48,450	\$ 51,000			
Truck Road 2020 Damage (720008)	\$ 2,279,525	\$ 2,332,000	\$ 2,279,525	\$ 2,332,000	\$ 1,148,930	\$ 1,209,400	\$ 56,063	\$ 50,000	Rev are 90% FEMA 5% State 2.5% Roads; rev inc wages, exp does not incl wages Planting in 2024
Everson Overflow Pipeline Bank Stabilization (721002)	\$ 19,000	\$ 17,500	\$ 19,000	\$ 17,500	\$ 2,375	\$ 2,500			
Bertrand Creek Levee Stabilization (721002)		\$ 10,000	\$ -	\$ 10,000		\$ 2,000	\$ 34,500	\$ 115,000	
Acme Woody Revetment Repair (723008)	\$ 274,575	\$ 274,500	\$ 274,575	\$ 274,500	\$ 9,025	\$ 9,500	\$ 912,000	\$ 885,000	90% FEMA 5% State rev includes wages 90% FEMA 5% State 2.5% Roads. Rev. include wages; '25 exp. for alt analysis Design (in-house) and survey; SWIF project; DK3 to implement
Hudson Rd Bridge No. 132 Repair (722006)	\$ 111,625	\$ 110,000	\$ 111,625	\$ 110,000			\$ 331,500	\$ 283,000	
Devries Levee	\$ -	\$ 10,000		\$ 10,000			\$ -	\$ 10,000	

Flood Control Zone District
2025 Flood Program Budget
Work Plan and Supporting Documentation

Timon Levee Rehabilitation (USACE)		\$	406,000		\$	435,147		\$	435,147				24 BA includes CA for hydraulic analysis; 2024 construction
Upper Hampton Levee Rehabilitation (USACE)		\$	222,000		\$	222,000		\$	222,000				Construction in 2024
Mitigation Planning/Implementation													
Jail crew	\$	-	\$ 117,439	\$	-	\$ 119,307		\$	119,307	\$	-	\$ 119,307	Jail crew labor for FCZD and SWIF projects; available to diking or subzones
Reveg planning/coordination	\$	-	\$ 30,000	\$	-	\$ 30,000		\$	10,000	\$	-	\$ 30,000	New 2-year contract in 2023
Reveg/misc supplies	\$	-	\$ 10,000	\$	-	\$ 10,000		\$	5,000	\$	-	\$ 10,000	Increased to cover plant replacement costs for Deming and other past projects as needed
TOTAL	\$	2,772,725	\$ 4,139,439	\$	2,832,966	\$ 4,233,865	\$	1,208,780	\$ 2,065,854	\$	1,384,063	\$ 2,219,807	
NET IMPACT TO FUND BALANCE	\$	(1,366,714)		\$	(1,400,899)		\$	(857,074)		\$	(835,745)		
Flood Hazard Reduction (169114)		Original 2024 Budget			Supplemented 2024 Budget			2024 Year End Projection			Proposed 2025 Budget		
		Revenues	Expenditures		Revenues	Expenditures		Revenues	Expenditures		Revenues	Expenditures	Assumptions/Notes
Wage and Benefits			\$ 200,000			\$ 200,000						\$ 410,500	
Misc	\$	-		\$	-					\$	-		
Swift Creek													
Bank stabilization/channel excavation	\$	-	\$ 131,226	\$	-	\$ 131,226		\$	131,226	\$	-	\$ 135,984	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													
Walton Property Management	\$	16,800	\$ -	\$	16,800	\$ -	\$	16,800		\$	16,800	\$ -	Revenues are from lease
Leases for agriculture	\$	6,900	\$ -	\$	6,900	\$ -	\$	6,900		\$	6,900	\$ -	River Rd and Emmerson Rd properties
21-23 FbD Early Actions:													
Mouw Ditch	\$	-	\$ -	\$	39,833	\$ 47,833	\$	39,833	\$ 47,833	\$	-	\$ -	Pass-thru funding from '21-23 FbD to Lynden; CA from '23 + 40K more
Reach 2 early actions	\$	336,000	\$ 420,000	\$	336,000	\$ 420,000							Reallocated to Cougar Creek in 2025
23-25 FbD Early Actions:	\$	600,000	\$ 750,000	\$	600,000	\$ 750,000							Assumed allocated to Cougar Crk construction
Commerce - acquisition	\$	866,313	\$ 866,313	\$	859,843	\$ 859,843	\$	240,000	\$ 240,000	\$	620,000	\$ 630,000	Commerce grant: assumes Lenz in 24; Lautenach and demo in 25
FEMA acquisition grant (COVID)	\$	9,600,000	\$ 9,600,000	\$	9,600,000	\$ 9,600,000	\$	6,900,000	\$ 6,900,000	\$	2,700,000	\$ 2,700,000	Full grant implementation - acquisition and demo of 12 properties
Buyout/elevation assistance (Tetrattech)	\$	-	\$ 150,000	\$	50,790	\$ 200,790		\$	50,000	\$	-	\$ 150,000	Tetrattech contract balance CA'd to 24; amend in '25 for new grant admin
Elevation grant (first round)										\$	2,056,750	\$ 2,056,750	FEMA grant to pass through to homeowners (95% of grant; homeowners provide 5%)
Marietta property acquisition & demo New properties	\$	-	\$ 50,000	\$	-	\$ 50,000				\$	-	\$ 50,000	Included in other acquisition line item for 2023
19-21 FbD acquisition				\$	1,408,000	\$ 1,760,000	\$	972,000	\$ 1,215,000	\$	436,000	\$ 545,000	Transferred from 23-25 FbD grant; Ac of two easements and structure demo/relocation
21-23 FbD acquisition	\$	1,200,000	\$ 1,500,000	\$	1,200,000	\$ 1,500,000				\$	1,200,000	\$ 1,500,000	
23-25 FbD acquisition	\$	3,200,000	\$ 4,000,000	\$	1,760,000	\$ 2,200,000				\$	4,000,000	\$ 5,000,000	
Ferndale Levee Improvement Project (719008)	\$	344,000	\$ 430,000	\$	564,000	\$ 705,000	\$	212,000	\$ 265,000	\$	716,000	\$ 895,000	Transfers to 19-21 ac and Mouw Ditch in '24
Abbott Levee Improvement (SWIF) (718010)	\$	138,000	\$ 226,000	\$	138,000	\$ 226,000				\$	-	\$ 226,000	24 budget Includes CA from 23
Cougar Creek Early Action Project Design (720010)	\$	-	\$ 67,500		\$	67,500	\$	51,200	\$ 64,000	\$	2,052,635	\$ 2,083,000	Road Cost Share TBD; Amended in 22 for phase 2, CA'd into 2023; need BA for balance
													Assumes early action \$ from 21 and 23 FbD grants + EQIP revenues

Flood Control Zone District
2025 Flood Program Budget
Work Plan and Supporting Documentation

South Fork Fish Camp Project (723005)																	
Phase 1 design/construction	\$	880,000	\$	880,000	\$	880,000	\$	880,000	\$	880,000	Pass-through21-23FbD funding to Nooksack Tribe for integrated fish-flood project: Tribe to provide grant match						
Dahlberg Wetland Mitigation Site (719006)																	
Wetland plan development		\$	15,000		\$	15,000		\$	7,000	\$	180,000	Prelim design contract and survey					
Jones Creek Deflection Berm (712004)																	
Berm and bridge design	\$	7,500	\$	25,000	\$	7,500	\$	100,889	\$	30,000	\$	-	\$	-	O&M manual		
Land/easement acquisition	\$	4,000	\$	5,000	\$	4,000	\$	5,000			\$	-	\$	-			
Construction	\$	18,000	\$	20,000	\$	18,000	\$	20,000	\$	20,000	\$	10,000	\$	-	\$	-	Revenues: AVZ subzone; planting expense
High Creek Sediment Management																	
Sediment trap maintenance (720005)	\$	-	\$	100,000	\$	-	\$	100,000		\$	50,000	\$	-	\$	100,000		
Glacier-Gallup Creek Alluvial Fan Restoration (718007)																	
Outreach	\$	34,400	\$	43,000	\$	34,400	\$	43,000	\$	12,000	\$	15,000	\$	-	\$	-	Balance will CA into 25; BA for balance in 24 rev are '19 FbD Assumes 60k balance at YE for pref alt selection; '25 BA for 30% design Assume land ac starts in 2025
Preliminary design	\$	432,000	\$	540,000	\$	432,000	\$	540,000	\$	80,000	\$	100,000	\$	400,000	\$	500,000	
Land/easement acquisition	\$	480,000	\$	600,000	\$	480,000	\$	600,000	\$	-			\$	480,000	\$	600,000	
	\$	-	\$	-	\$	-	\$	-					\$	-	\$	-	
	\$	-	\$	-	\$	-	\$	-					\$	-	\$	-	
	\$	-	\$	-	\$	-	\$	-					\$	-	\$	-	
TOTAL	\$	18,163,913	\$	20,619,039	\$	18,436,066	\$	21,022,081	\$	8,550,733	\$	9,125,059	\$	15,565,085	\$	18,642,234	
NET IMPACT TO FUND BALANCE	\$	(2,455,126)			\$	(2,586,015)			\$	(574,326)			\$	(3,077,149)			

Natural Resources (169119)		Year End 2024 Budget		Proposed 2025 Budget		Assumptions/Notes	ASRs
		Revenues	Expenditures	Revenues	Expenditures		
NATURAL RESOURCES ADMINISTRATION							
Staff		\$	656,274	\$	621,343	Includes salary for 3.5 FTEs and overtime.	\$ 3,027
Expenses		\$	548,332	\$	412,721		\$ 50,000
TOTAL FOR COST CENTER	\$	-	\$ 1,204,606	\$ -	\$ 1,034,064		
NET IMPACT TO FUND BALANCE	\$	(1,204,606)		\$ (1,034,064)			
NATURAL RESOURCES OPERATIONS							
Marine Resources Committee (169123 - 832001)							
Staff	\$	-	\$ 198,397	\$ -	\$ 134,706	0.95 FTE + 1 Temporary FTE MRC projects	\$ 104,270
Expenses			\$ 17,314		\$ 14,339		
Revenue	\$	195,585		\$ 125,000			
TOTAL FOR COST CENTER	\$	195,585	\$ 215,711	\$ 125,000	\$ 149,045		
NET IMPACT TO FUND BALANCE	\$	(20,126)		\$ (24,045)			
Water Quality/Pollution Identification & Correction (169124 - 823002)							
Staff			\$ 439,870		\$ 458,748	3 FTE Data mgmt, Farm Planning, Enforcement, Lab analysis, Incentive payments, Equipment	
Expenses			\$ 565,574		\$ 901,300		
Revenue	\$	615,211		\$ 813,500			
TOTAL FOR COST CENTER	\$	615,211	\$ 1,005,444	\$ 813,500	\$ 1,360,048		
NET IMPACT TO FUND BALANCE	\$	(390,233)		\$ (546,548)			
Salmon Recovery (169125 - 823004)							
Staff		\$	144,716		\$ 118,171	1 FTE	
Expenses			\$ 211,575	\$ 45,000	\$ 319,300		
TOTAL	\$	-	\$ 356,291	\$ 45,000	\$ 437,471		
Fish Passage (169125 - 824001)							
Staff		\$	46,352		\$ 234,460	1.5 FTE Design of 5 culvert replacements	
Expenses			\$ 13,850		\$ 1,364,810		
Revenue	\$	69,472		\$ 1,570,296			
TOTAL	\$	69,472	\$ 60,202	\$ 1,570,296	\$ 1,599,270		
TOTAL FOR COST CENTER	\$	69,472	\$ 416,493	\$ 1,615,296	\$ 2,036,741		
NET IMPACT TO FUND BALANCE	\$	(347,021)		\$ (421,445)			
Lake Whatcom Management Program Coordination (169126 - 823005)							
Staff		\$	58,959		\$ 66,203	Staff time only (0.5 FTE); contracted services under Stormwater budget	
Expenses			\$ -		\$ -		
Revenue	\$	-		\$ -			
TOTAL FOR COST CENTER	\$	-	\$ 58,959	\$ -	\$ 66,203		
NET IMPACT TO FUND BALANCE	\$	(58,959)		\$ (66,203)			
Aquatic Invasive Species (169120)							
AIS OPERATIONS							
Coordination and Planning							
Staff	\$	-	\$ -	\$ -	\$ -	Contribution to City for AIS Program Contributions from City for WCSO Enforcement	
Expenses	\$	-	\$ 232,026	\$ -	\$ 239,367		
Revenue	\$	-		\$ 20,000			
TOTAL	\$	-	\$ 232,026	\$ 20,000	\$ 239,367		
NET IMPACT TO FUND BALANCE	\$	(232,026)		\$ (219,367)			
TOTAL FOR COST CENTER	\$	-	\$ 232,026	\$ 20,000	\$ 239,367		

Water Planning (169121)		Year End 2024 Budget		Proposed 2025 Budget		Assumptions/Notes	
		Revenues	Expenditures	Revenues	Expenditures		
WATER PLANNING ADMINISTRATION							
Staff		\$	226,571	\$	226,572	2.05 FTE	
Expenses		\$	-	\$	-		
Revenue		\$	-	\$	-		
TOTAL		\$	\$ 226,571	\$	\$ 226,572		
NET IMPACT TO FUND BALANCE		\$	(226,571)	\$	(226,572)		
WATER PLANNING OPERATIONS							
Coordination and Planning							
Expenses		\$	768,258	\$	433,789	DBM \$50k, PU/WST \$30k, Solutions Table \$62.5k, DWUE \$35, GW Mon \$25k, LIO \$121,289	\$ 250,000
Whatcom Groundwater Model (823001)		\$	32,742	\$	100,000	Consultant Costs	
Adjudication Technical Assistance (823006)		\$	150,000	\$	75,000	Outreach and Technical Assistance to Public for Adjudication Filing	\$ 75,000
Adjudication Collaborative Process/Studies (823008)		\$	350,000	\$	175,000	Collaborative Water Settlement Process and Supporting Technical Studies	\$ 175,000
Revenue		\$	632,090	\$	-		
TOTAL		\$	\$ 1,301,000	\$	\$ 783,789		
NET IMPACT TO FUND BALANCE		\$	(668,910)	\$	(401,699)		
TOTAL FOR COST CENTER		\$	\$ 1,527,571	\$	\$ 1,010,361		
Climate Action (169122)		Year End 2024 Budget		Proposed 2025 Budget		Assumptions/Notes	
		Revenues	Expenditures	Revenues	Expenditures		
CLIMATE ACTION ADMINISTRATION							
Coordination and Planning							
Staff		\$	-	\$	-	Water-Related Impacts	
Expenses		\$	-	\$	-		
TOTAL		\$	\$ -	\$	\$ -		
NET IMPACT TO FUND BALANCE		\$	-	\$	-		
CLIMATE ACTION OPERATIONS							
Coordination and Planning							
Expenses		\$	50,000	\$	-	Water-Related Impacts	\$ 50,000
Revenue		\$	-	\$	-		
TOTAL		\$	\$ 50,000	\$	\$ -		
NET IMPACT TO FUND BALANCE		\$	(50,000)	\$	-		
TOTAL FOR COST CENTER		\$	\$ 50,000	\$	\$ -		