

**WHATCOM COUNTY
PUBLIC WORKS DEPARTMENT**

JON HUTCHINGS
Director



NATURAL RESOURCES
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MEMORANDUM

TO: The Honorable Jack Louws, Whatcom County Executive, and
Honorable Members of the Whatcom County Council

THROUGH: Jon Hutchings, Director

FROM: Gary S. Stoyka, Natural Resources Program Manager

DATE: April 10, 2018

RE: April 17, 2018 Council Surface Water Work Session

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

AGENDA

Date:	Tuesday, April 17, 2018		
Time:	10:30 a.m. to 12:00 p.m.		
Place:	Civic Center Garden Level Conference Room		
Time	Topic	Council Action Requested	Background Information Attached
10:30 AM – 10:45 AM	Council Recommendations for Surface Water Work Sessions	Discussion	None
10:45 AM – 11:00 AM	Water Planning Update	Discussion	None
11:15 AM – 12:00 PM	Swift Creek Update	Discussion	Cost Estimate and Timeline

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

cc: Mike McFarlane Joe Rutan Paula Harris John Wolpers Mike Donahue
Beth Bushaw Jeff Hegedus John Thompson Kraig Olason Erika Douglas
Tyler Schroeder Josh Fleischmann Karen Frakes Jennifer Schneider Jill Nixon
Sue Blake Roland Middleton Dana Brown-Davis Atina Casas Cathy Craver
George Boggs Ryan Ericson Lonni Cummings Kristi Felbinger Mark Personius

CAPITAL PROJECT COST ESTIMATE & APPROPRIATION PLAN

Project Title: Swift Creek Sediment Management Action Plan

Note: To be submitted with the Capital Improvement Request narrative form.

Expenditure Category	Prior Years Through 2017	Projected 2018	2019	2020	2021	2022	2023	2024
Planning/Design	\$1,455,000	\$850,000	\$800,000	\$100,000				
Construction	\$995,000			\$2,000,000	\$5,700,000	\$4,000,000	\$500,000	500,000
Land Acquisition	\$350,000		\$2,000,000					
Equipment & Furnishings								
Contingency								
Other (Maintenance and repair (for specific details refer to the 6 yr. WRIP))		\$300,000	300000	300000	300000	300000	300000	300000
Total	2800000	1150000	3100000	2400000	6000000	4300000	800000	800000

FINANCING PLAN

Funding Sources	Prior Years Through 2017	Projected 2018	2019	2020	2021	2022	2023	2024
State DOE Grant	\$918,000							
State Capital Budget		\$850,000	\$2,800,000	\$2,100,000	\$5,700,000	\$4,000,000	\$500,000	\$500,000
County Funding Source (specify):								
Road Fund	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
FCZD	\$1,627,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000	\$105,000
SNE-Subzone	\$105,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000
Debt / Bonds								
Other (please specify):								
Total	2800000	1150000	3100000	2400000	6000000	4300000	800000	800000

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IMPACT ON OPERATING COSTS

Additional Expenses Once Project Complete	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
Wages						
Benefits						
Supplies						
Software Maintenance						
Utilities						
Repair & Maint						
Other (Add Notes)						
Total	0	0	0	0	0	0

PROJECTED REVENUES

Additional Revenues Once Project is Complete	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
Fees						
Grants						
Other (Add Notes)						
Total	0	0	0	0	0	0

Swift Creek Sediment Management Capital Projects timeline

2018	2019		2020		2021		2022		2023		2024	
July	Jan	July	Jan	July	Jan	July	Jan	July	Jan	July	Jan	July
State funded Capital Projects												
Sediment Trap - 30% Design	Sediment Trap - Final Design		Sediment Trap - Construction									
Levee - 30% Design	Levee - Final Design [200,000]		Levee - Construction [2,000,000]									
Sediment Basin Alternative Analysis [500,000]	Sediment Basin - 30% Design [300,000]		Sediment Basin - Final Design [100,000]		Sediment Basin - Construction [8,000,000]							
	Property Acquisition [2,000,000]											
Repository - EIS [350,000]			Repository - Design [300,000]		Repository - Development [1,700,000]							
										Lower Reach Stabilization and Reclamation [1,000,000]		
Budget:												
State Capital Budget 17-19 [850,000]		State Capital Budget 19-21 [4,900,000]				State Capital Budget 21-23 [9,700,000]				State Capital Budget 23-25 [1,000,000]		
Maintenance, Repair, Administration (PDA)												
Maintenance and repair [300,000]	Maintenance and repair [300,000]		Maintenance and repair [300,000]		Maintenance and repair [300,000]		Maintenance and repair [300,000]		Maintenance and repair [300,000]		Maintenance and repair [300,000]	
Budget:												
County Funds [300,000]	County Funds [300,000]		County Funds [300,000]		County Funds [300,000]		County Funds [300,000]		County Funds [300,000]		County Funds [300,000]	

[Dollars]