



INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**
 FROM: **Hari Ponnekanti, Public Works Director/ City Engineer**
 BY: **Brittany Robinson, Public Works Grant Analyst**
Josh Hopkins, Project Manager
 CC: **Mayor Ekberg**
 DATE: **February 3, 2023**
 SUBJECT: **Surface Water Fund – Nelsen Side Channel**
Project No. 91641203
Grant Application

ISSUE

Authorize the submittal of a grant application to the King County 2023 Cooperative Watershed Management (CWM) grant program.

BACKGROUND

The Nelsen side channel is a remnant section of the Green River as it existed prior to the construction of the I-405 in the 1960s. The remnant channel is separated from the mainstem of the river by a constructed levee but offers potential as off-channel rearing habitat for threatened Puget Sound Chinook salmon and other aquatic species. This project will set the levee back to create a ±1.2-acre side channel, restore an acre of riparian forest, provide additional flood storage, and provide public access to the river. Currently, there is a concept design in place for this project and property transfer arrangements are underway between the City, WDNR and WSDOT.

DISCUSSION

King County is currently seeking applications for the 2023 CWM grant program. The CWM program goal is to deliver projects that intended to recover ESA-listed salmon species and restore watershed ecosystems. The priorities, driven primarily by WRIA salmon conservation plans, include habitat restoration and protection, water quality improvements, regionally-coordinated monitoring, watershed planning, stewardship, outreach, and education. Grant submissions are due on March 3, 2023.

FISCAL IMPACT

The City is seeking \$700,000 from the CWM grant program to fund additional acquisition and design costs for the Nelsen Side Channel Project. The grant application indicates that the City must leverage costs outside of the grant request. In this case, the leveraged costs have already been funded by other grants.

	<u>Amount</u>	<u>Fund Source</u>	<u>Leverage Budget</u>
CWM Grant	\$700,000	2021 CWM	\$250,000
Leverage	<u>600,000</u>	RCO	100,000
Total	\$1,300,000	OSRC	<u>250,000</u>
		Total	\$600,000

RECOMMENDATION

Committee is being asked to approve the submittal of the Cooperative Watershed Management grant application for the Nelsen Side Channel project.

Attachments: 2023 CIP Page 83
Project Milestones

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2023 to 2028

PROJECT: Nelsen Salmon Habitat Side Channel Project No. 91641203

DESCRIPTION: Create an off-channel salmon rearing habitat side channel by connecting a segment of historic river channel with the Green River.

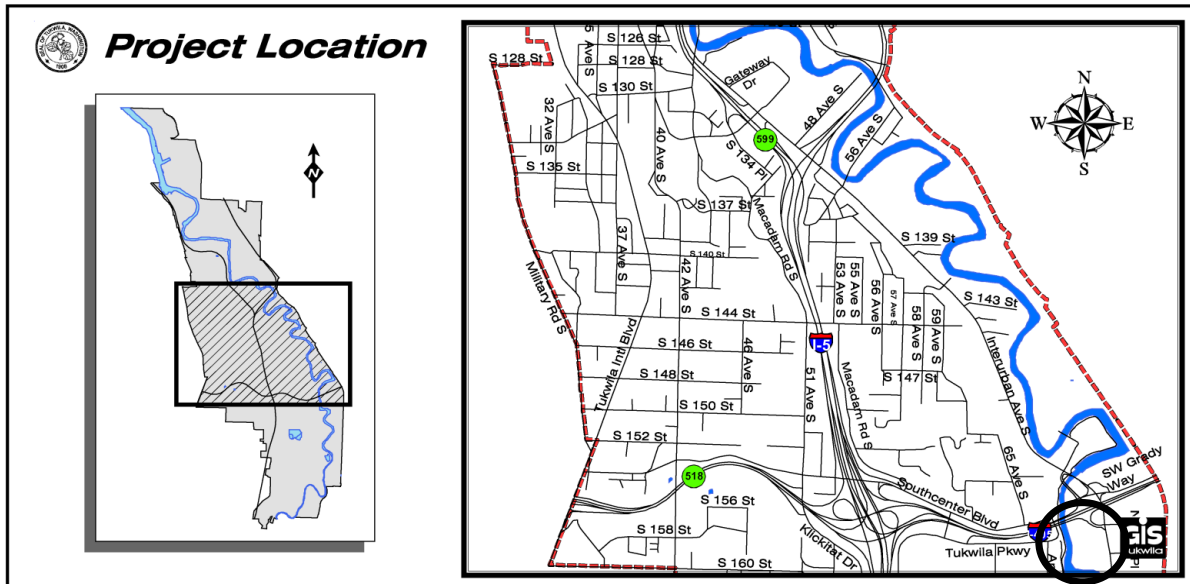
JUSTIFICATION: WRIA 9 has identified this project a proposed action in the Salmon Habitat Plan.

STATUS: The project area is primarily within State lands, but the intent is to transfer to City. The project may take place under an aquatic lease (DNR), depending on timing. Grant application for design funding submitted to Floodplains in 2020 with a low probability of success.

MAINT. IMPACT: Expected to increase maintenance

COMMENT: Property acquisition to the north could create the opportunity for a side channel and additional flood storage, or potentially combine this with Gilliam Creek Fish Barrier project depending on funding source feedback.

FINANCIAL (in \$000's)	Through Estimated		2023	2024	2025	2026	2027	2028	BEYOND	TOTAL
	2021	2022								
EXPENSES										
Design		50	300	300						650
Land (R/W)		5	300							305
Monitoring										0
Const. Mgmt.					385					385
Construction					1,440					1,440
TOTAL EXPENSES	0	55	600	300	1,825	0	0	0	0	2,780
FUND SOURCES										
Awarded Grant		50	150	150						350
Proposed Grant			300	100	1,232					1,632
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	5	150	50	593	0	0	0	0	798
TOTAL SOURCES	0	55	600	300	1,825	0	0	0	0	2,780



Nelsen Side Channel Project Milestones		Target Date
Hire Design Consultant		3/15/2023
Apply for Permits		5/30/2024
Purchase Nelsen Family Trust Parcel		5/30/2024
Cultural Resources Complete		12/31/2023
Data Gathering Started		4/30/2023
Data Gathering Complete		6/30/2023
Preliminary Design Complete		12/31/2023
Final Project Design Complete		6/30/2024
Hire Construction Consultant		03/31/2025
Project Construction to Start		06/01/2025
Project Complete		06/01/2026