



## INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**  
FROM: **Hari Ponnekanti, Public Works Director/City Engineer**  
BY: **Mike Perfetti, Habitat Project Manager**  
CC: **Mayor Ekberg**  
DATE: **February 19, 2021**  
SUBJECT: **Surface Water Fund – Storm Water Quality Retrofit Project**  
**Project No. 91241202**  
**King County Waterworks Grant Application and Other Project Grant Applications**

### **ISSUE**

Authorize the submittal of a grant application for the Storm Water Quality Retrofit Project to King County's Waterworks grant program and authorize other future construction grant applications.

### **BACKGROUND**

The Storm Water Quality Retrofit Project will improve the quality of stormwater discharged from City roadways into the Green-Duwamish River and its tributaries. Improving water quality positively affects human health and aquatic species such as the ESA-listed Puget Sound Chinook salmon. In December 2020, the [UW Tacoma and WSU Puyallup uncovered](#) a chemical tire preservative as the culprit in stormwater-related Coho mortality, aka. urban stormwater runoff mortality syndrome.

### **DISCUSSION**

Currently the Storm Water Quality Retrofit Project is in the design phase for retrofits at four outfall locations. King County is seeking applications for its Waterworks Program for the 2021 cycle. The Waterworks grant runs on a two-year cycle and currently has \$2.2M dedicated this round. Grant amounts are between \$20,000 and \$200,000 and a 10% match is required. City staff recently submitted a letter of intent and if invited, would submit a full application by May 26, 2021. Awarded projects can begin in early 2022.

Staff anticipates seeking Department of Ecology (DOE) grant funding later this year to provide majority of funding for the first phase of construction. DOE requires a 15% match, which is hoped to be achieved through this WaterWorks grant. This funding approach or a similar one would be sought to complete construction. In addition, staff is seeking opportunities to include an educational or outreach component to this project, which is part of the grant scoring criteria.

### **FISCAL IMPAC**

This grant application for up to \$189,274 represents 15% of the current construction cost estimate and will provide a portion of the required DOE match for the first phase of construction and reduce City resources needed to finance construction. Any City match would be funded by the Surface Water fund.

### **RECOMMENDATION**

Committee approval is being requested for a grant application submittal to King County's WaterWorks grant program and future funding applications to pay for the Storm Water Quality Retrofit construction.

Attachments: CIP Page 89  
Location Map of Project sites

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2019 to 2024

**PROJECT:** Storm Water Quality Retrofit Program

Project No. 91241202

**DESCRIPTION:** Provide, design, and install water quality testing and improvements at selected drainage locations.

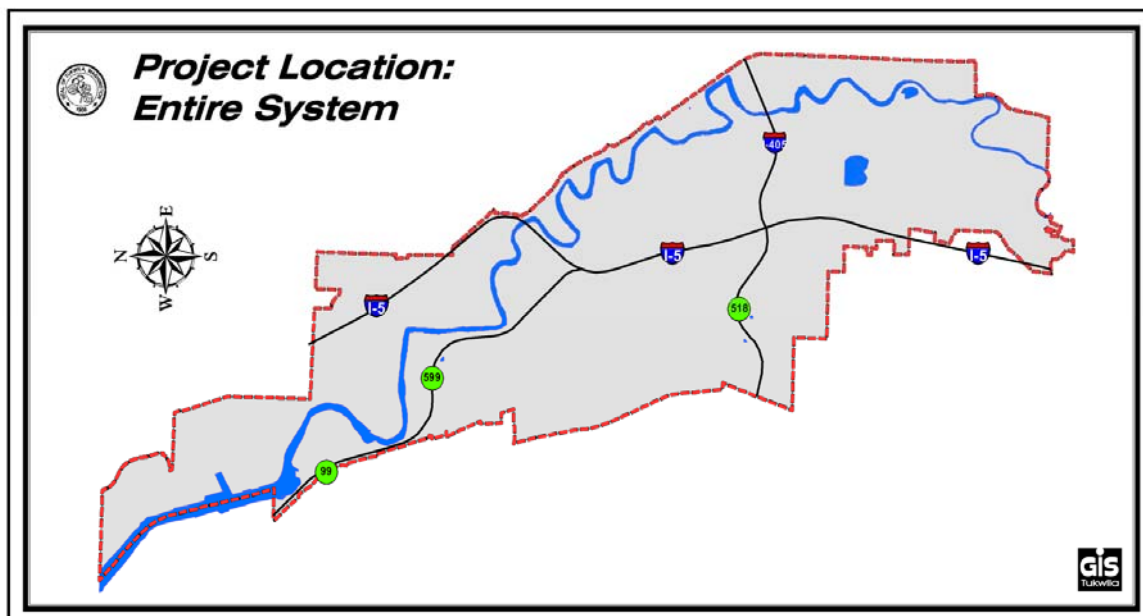
**JUSTIFICATION:** Most surface water is discharged directly to receiving water bodies untreated.

**STATUS:** Water quality was added to Interurban Ave S in 2015 and 53rd Ave S in 2018.

**MAINT. IMPACT:** Expected to increase maintenance.

**COMMENT:** Combine with other CIP projects for design and construction, where feasible. A 2017 WA State Department of Ecology grant was awarded for \$244,375 with a City match of \$43,125.

FINANCIAL (in \$000's)	Through		Estimated								
	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL	
<b>EXPENSES</b>											
Design	1		299	20	20	10	10	15	20	395	
Land (R/W)										0	
Const. Mgmt.			15	15	15	15	15	10	15	100	
Construction			45	80	1,000	40	80	80	80	1,405	
<b>TOTAL EXPENSES</b>	<b>1</b>	<b>0</b>	<b>359</b>	<b>115</b>	<b>1,035</b>	<b>65</b>	<b>105</b>	<b>105</b>	<b>115</b>	<b>1,900</b>	
<b>FUND SOURCES</b>											
Awarded Grant			244							244	
Proposed Grant					850					850	
Mitigation Actual										0	
Mitigation Expected										0	
Utility Revenue	1	0	115	115	185	65	105	105	115	806	
<b>TOTAL SOURCES</b>	<b>1</b>	<b>0</b>	<b>359</b>	<b>115</b>	<b>1,035</b>	<b>65</b>	<b>105</b>	<b>105</b>	<b>115</b>	<b>1,900</b>	



# PROJECT LOCATIONS

