



RESOLUTION NO. 38882

1 A RESOLUTION relating to stormwater management; authorizing the execution
2 of a grant agreement with the Washington State Department of Ecology,
3 in the amount of \$277,722; accepting said sum and depositing same into
4 the ES Surface Water Fund for the purpose of performing laboratory
5 testing and field testing of stormwater treatment media at Wapato Lake.

6 WHEREAS Wapato Lake is a small lake that lies in the northeastern portion
7 of the Flett Creek Watershed, located in South Tacoma, with a history of poor
8 water quality that has resulted in lake closures and periodic lake improvement
9 actions beginning as early as 1936, and

10 WHEREAS Wapato Lake is an “impaired water body” under state and
11 federal law because levels of phosphorus measured in the lake exceed the state
12 water quality standard set for this nutrient, and

13 WHEREAS excess phosphorus in stormwater runoff can negatively impact
14 receiving waters by causing algal blooms which reduce water clarity, impact the
15 aquatic habitat, and can pose a health risk for humans, and

16 WHEREAS Wapato Lake is one of over 40 bodies of water in Washington
17 that requires a Total Maximum Daily Load (“TMDL”) and/or Water Quality
18 Improvement project for phosphorus control, and

19 WHEREAS current options for phosphorus removal from stormwater include
20 large-scale, centralized facilities or treatment trains that are expensive and
21 complex to build and maintain and do not integrate well into natural landscapes,
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WHEREAS water treatment residuals (“WTR”), a common by-product of drinking water treatment, have been shown to have the potential to remove phosphorus in stormwater, and

WHEREAS the City, in partnership with the University of Washington Tacoma (“UWT”), has already done preliminary laboratory testing to explore the viability of using WTR treatment media to remove phosphorus from stormwater, and

WHEREAS the City has applied for and has been awarded \$277,722 in grant funding from the Washington State Department of Ecology, which grant will expand on previous research by funding additional laboratory testing and field testing at Wapato Lake, and

WHEREAS the City will separately enter into a contract with UWT to perform a portion of this research, which partnership will leverage the talents of one of the City’s local universities, and

WHEREAS, under the grant process guidelines, the City Council must approve acceptance of grant funding; Now, Therefore,

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

Section 1. That the proper officers of the City are hereby authorized to accept grant funding from the Washington State Department of Ecology (“WSDOE”) in the amount of \$277,722, and deposit said sum into the ES Surface Water Fund for the purpose of performing laboratory testing and field testing of stormwater treatment media at Wapato Lake.



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Section 2. That the proper officers of the City are hereby authorized to execute the grant agreement with the WSDOE for the administration of the state funding accepted pursuant to Section 1, said document to be substantially in the form of the proposed grant agreement on file in the office of the City Clerk.

Adopted _____

Mayor

Attest:

City Clerk

Approved as to form:

Deputy City Attorney