



## RESOLUTION NO. 41463

1 A RESOLUTION relating to stormwater; authorizing the execution of an interlocal  
2 agreement with the Washington State Department of Ecology, in the amount  
3 of \$1,224,287, and accepting and depositing said sum into the Stormwater  
4 Fund, to monitor stormwater transport of contaminants of emerging concern  
5 in Western Washington, through December 31, 2025.

6 WHEREAS persistent, bio accumulative, and toxic compounds are  
7 hazardous to human and environmental health, and several higher profile  
8 chemicals have not been previously characterized in municipal stormwater  
9 systems in Western Washington, and

10 WHEREAS Environmental Services (“ES”) has one of the nation’s richest  
11 datasets for stormwater and storm sediment pollutant management, and

12 WHEREAS these datasets will be leveraged to explore correlations with  
13 several other contaminants of emerging concern (“CEC”) that need to be  
14 characterized in typical Municipal Stormwater Separate Stormwater Systems,  
15 specifically per-and polyfluoroalkyl substances (“PFAS”), 6PPD-Quinone  
16 (“6PPDQ”), and microplastics, and

17 WHEREAS 6PPDQ was identified by the University of Washington –  
18 Tacoma (“UWT”) in December 2020 as an abundant compound in stormwater,  
19 and

20 WHEREAS 6PPDQ comes from preservatives used in rubber, particularly  
21 vehicle tires, and is incredibly toxic to coho salmon and other Washington  
22 endangered and threatened fish in the Puget Sound, and  
23  
24  
25  
26



1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26

WHEREAS the Washington State Legislature has funded the Department of Ecology (“Ecology”) to identify use of these rubber preservatives in other consumer products that may find their way into wastewater and stormwater, and

WHEREAS the Environmental Protection Agency and Ecology are actively pursuing regulation of these chemicals in stormwater discharge permits as well as scientific and engineering studies to better understand fate, transport, and treatment, and

WHEREAS ES staff and its laboratory are in partnership with UWT and their work with the National Oceanic and Atmospheric Administration, several Washington tribes, and Washington State University Puyallup, and

WHEREAS this project will use the new method developed by our ES laboratory for 6PPDQ to analyze storm sediment samples, which will help us for compliance sampling in the future, and these findings will be incorporated into several of the City’s stormwater planning strategies for stormwater management, each of which have their own topical and public meetings, and

WHEREAS laboratory results from stormwater monitoring studies will also be used in the City’s new modeling tool developed in the Urban Watersheds Protection Plan, and

WHEREAS in the City, the abundance of some toxic contaminants such as metals and polychlorinated biphenyls are well understood, but the concentration of new CEC such as PFAS, 6PPDQ, tire-wear particles, and other microplastics are not well studied anywhere in Western Washington, and



1           WHEREAS this interlocal agreement will support a field study to gather  
2 the first comprehensive Western Washington dataset to understand the  
3 abundance of these CEC, and this data will inform the following strategic policy  
4 goals: (1) to strengthen and support a safe city with healthy residents, (2) to  
5 ensure all City residents are valued and have access to resources to meet their  
6 needs, (3) to assure outstanding stewardship of the natural and built  
7 environment, and (4) to encourage and promote an efficient and effective  
8 government, which is fiscally sustainable and guided by engaged residents, and  
9  
10

11           WHEREAS this interlocal agreement provides funding to gather data to  
12 better understand the abundance of CEC in stormwater and will be among the  
13 first projects in the region to do so, as such, no significant outreach has been  
14 performed by the City to date, and  
15

16           WHEREAS this award will also support the ES project management staff  
17 and a field study on stormwater in the City's stormwater pipes, as well as  
18 coordination with 13 other Western Washington jurisdiction's stormwater pipes,  
19 stormwater sample collection, laboratory coordination, and data analysis and  
20 reporting, and; Now, Therefore,  
21

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

23           That the proper officers of the City are hereby authorized to enter into an  
24 interlocal agreement with the Washington State Department of Ecology for  
25 Environmental Services, in the amount of \$1,224,287, and accepting and depositing  
26 said sum into the Stormwater Fund, to monitor stormwater transport of contaminants



1 of emerging concern in Western Washington, through December 31, 2025, as more  
2 specifically set forth in the document on file in the office of the City Clerk.

3  
4 Adopted \_\_\_\_\_

5  
6 \_\_\_\_\_  
7 Mayor

8  
9 Attest: \_\_\_\_\_  
10 City Clerk

11  
12 Approved as to form: \_\_\_\_\_  
13 Deputy City Attorney

14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26