



RESOLUTION NO. 41462

1 A RESOLUTION relating to stormwater; authorizing the execution of an
2 interlocal agreement with the Washington State Department of Ecology,
3 in the amount of \$69,440, and accepting and depositing said sum into
4 the Stormwater Fund, to develop a laboratory procedure to evaluate
5 6PPD-quinone in stormwater sediments, through June 30, 2025.

6 WHEREAS Environmental Services (“ES”) has decades of experience
7 sampling and analyzing for toxic compounds from stormwater and storm
8 sediments, and

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

13 WHEREAS 6PPD-quinone (“6PPDQ”) was identified by the University of
14 Washington – Tacoma (“UWT”) in December 2020 as an abundant compound
15 in stormwater, and

16 WHEREAS 6PPDQ comes from preservatives used in rubber, particularly
17 vehicles tires, and is incredibly toxic to coho salmon and other Washington
18 endangered and threatened fish in the Puget Sound, and

19 WHEREAS the Washington State Legislature has funded the Department
20 of Ecology (“Ecology”) to identify use of these rubber preservatives in other
21 consumer products that may find their way into wastewater and stormwater, and
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23 WHEREAS the Environmental Protection Agency and Ecology are actively
24 pursuing regulation of these chemicals in stormwater discharge permits as well
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1 as scientific and engineering studies to better understand fate, transport, and
2 treatment, and

3 WHEREAS ES staff and its laboratory are in partnership with UWT and
4 their work with National Oceanic and Atmospheric Administration, several
5 Washington tribes, and Washington State University Puyallup, and
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7 WHEREAS this award will support the ES laboratory in development of
8 methods to measure 6PPDQ at the Center for Urban Waters building, and
9 laboratory capacity to measure this chemical will benefit active ES monitoring
10 studies of the City's stormwater, and
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12 WHEREAS this interlocal agreement provides funding to develop these
13 skills in our ES laboratory, which will be among the first in the region to have
14 this capacity, and will prepare them for conducting their own compliance
15 sampling in the future, and
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17 WHEREAS laboratory results from stormwater monitoring studies will also
18 be used in the City's new modeling tool developed in the Urban Watersheds
19 Protection Plan, and these findings will be incorporated into several of the City's
20 stormwater planning strategies for stormwater management, each of which have
21 their own topical and public meetings, and
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23 WHEREAS this interlocal agreement to measure the toxic compound 6PPDQ
24 in storm sediments supports the following strategic policy goals: (1) to strengthen
25 and support a safe city with healthy residents, (2) to ensure all City residents are
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1 valued and have access to resources to meet their needs, (3) to assure outstanding
 2 stewardship of the natural and built environment, and (4) to encourage and promote
 3 an efficient and effective government, which is fiscally sustainable and guided by
 4 engaged residents; Now, Therefore,

5
 6 BE IT RESOLVED BY THE COUNCIL OF THE CITY OF TACOMA:

7 That the proper officers of the City are hereby authorized to enter into an
 8 interlocal agreement with the Washington State Department of Ecology, in the
 9 amount of \$69,440, and accepting and depositing said sum into the Stormwater
 10 Fund, to develop a laboratory procedure to evaluate 6PPD-quinone in stormwater
 11 sediments, through June 30, 2025, as more specifically set forth in the document
 12 on file in the office of the City Clerk.

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 14 Adopted _____

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 17 _____
 Mayor

18 Attest:
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 20 _____
 City Clerk

21 Approved as to form:
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 23 _____
 Deputy City Attorney

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