

**MEMO**

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July 28, 2016

TO: The Honorable Dow Constantine, King County Executive

FM: WaterWorks Grant Ranking Committee

RE: WaterWorks Grant Recommendations - Round 2

We would like to thank you for the opportunity to be involved in the review and ranking process for the second round of the WaterWorks grants. Our committee met multiple times to discuss the criteria, eligibility, water quality benefits, implementation strengths, and community involvement of the projects.

As we considered the 39 projects, we were pleased to see diverse and innovative proposals to improve water quality in the King County Wastewater Treatment Division (WTD) service area. We believe the recommended projects are diverse in approach as well as geographic distribution. We are confident these projects will enhance the work of WTD and benefit WTD's service area and ratepayers.

Because WaterWorks is still a relatively new grant program, we will continue to evaluate and make recommendations to improve the process. Our work was greatly aided by the excellent staff support from WTD as we gave careful consideration to the submitted projects.

Included, on the following pages, is our recommended project funding list for the WaterWorks Grant Program - Round 2. This list was endorsed unanimously by the WaterWorks Grant Ranking Committee. The projects are listed by rank, with proposed funding amounts, plus summary descriptions of how the project meets the selection criteria as directed by the adopted Implementation Guidelines.

<i>Grant Applicant</i>	<i>Project Title</i>	<i>Funding</i>	<i>Rank</i>	<i>Project Description and Benefits to Water Quality</i>
YMCA of Greater Seattle – Earth Service Corps	Youth in Action: Stewardship, Education, and Leadership	\$33,200	1	This project will educate diverse youth in after-school programs on watersheds and water quality issues, and empower them to address issues in their communities through environmental service projects. This will benefit water quality by increasing participants' knowledge of local water quality issues; improving water quality through on-the-ground projects; and increasing youth leadership by being involved in planning projects.
IslandWood	Community Waters – Connecting Stormwater Curriculum to Local Watersheds	\$250,000	2	This project will integrate localized Puget Sound water quality education into a district-wide 4th grade science curriculum for the Seattle school district, and educate students about pollution prevention, in collaboration with Seattle Public Schools and other partners. This will benefit water quality by educating diverse students on water systems, and engaging students in proposing solutions to local runoff issues.
Mountains to Sound Greenway Trust	Greenway Education Project	\$25,000	3	This project will provide hands-on science education to nearly 4,000 students through classroom sessions, field investigations, and service-learning stewardship events. Students will learn how their actions can contribute to the health of local waterways. This will benefit water quality by educating students about the importance of water quality and ecosystem health, resource recovery, and teaching environmental restoration skills.
City of Redmond	Street Sweeping for Water Quality	\$64,000	4	This project will measure and study the in-stream benefits of street sweeping to see how effective this action is at improving creek health. This is part of a larger monitoring program to measure in-stream responses to a variety of restoration efforts. This will benefit water quality by demonstrating what frequency of street sweeping is optimal to achieve in-stream habitat/water quality improvement in a lowland urban creek.

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Environmental Coalition of South Seattle (ECOSS)	Environmental Stewards Program	\$55,000	5	This project will build on the success of completed rain garden and green stormwater infrastructure demonstration sites at multicultural gathering spaces and utilize those sites and community connections to facilitate workshops for multilingual community members about combined sewer overflows, nonpoint source pollution, and water quality. This will benefit water quality by connecting multicultural residents to activities and resources that protect and improve water quality.
Sustainability Ambassadors (Sustainable Seattle)	Green/Duwamish Project Design Lab	\$89,969	6	This project will engage middle and high school teachers in four Green-Duwamish school districts (Seattle, Tukwila, Kent, and Auburn) to design and test curriculum on local water quality. Teachers will also facilitate student-led community impact projects and advocate for district-wide adoption of the best models. This will benefit water quality by making local water systems curriculum an integral part of education and teaching community problem-solving skills to diverse students.
Seattle Tilth Association	The Watershed Stewards Project	\$50,000	7	This project will create a Sustainable Stewards program that will provide extensive training in watershed stewardship and outreach to volunteers from communities east and south of Lake Washington. Once trained, these volunteers will provide over 1,000 hours of community service reaching over 2,500 people. This will benefit water quality by encouraging residents to adopt natural yard care practices, better manage runoff at home, and install rain gardens.
University of Washington Bothell	Investigation on Use of Mycoremediation to Reduce Loading of Pathogenic Bacteria to North Creek	\$45,903	8	This project will conduct field and laboratory experiments to test reductions in pathogens by using small rolls of material (check dam) that water will flow through or over, and that have been seeded with mushroom mycelium (the main part of the fungus). A large crow roost in the wetlands on campus is the primary source of very high levels of fecal coliform bacteria in the wetlands leading into North Creek. This project will benefit water quality by pilot testing a new technology to

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				reduce pollution; and if successful, reduction of fecal coliform in local waters.
City of Seattle, Seattle Public Utilities	Bioretention to Underground Injection Control Well Water Quality Monitoring	\$94,200	9	This project will monitor water quality of the effluent from two bioretention systems (a proven best management practice to capture and treat roadway runoff), which discharge to underground injection control (UIC) wells. This data will help to inform design and maintenance requirements of these new systems. This will benefit water quality by improving management of systems of bioretention in combination with UIC wells, reducing peak overland flows, and reducing combined sewer overflows.
City of Bellevue	Kelsey Creek Stormwater Quality Retrofit	\$100,000	10	This project will retrofit a portion of the existing stormwater system within the City of Bellevue to reduce the loading of contaminants from stormwater runoff into Kelsey Creek. A community educational component for local high school students consists of a Coho pre-spawn mortality curriculum. This project will benefit water quality by reducing the overall discharge of pollutants into Kelsey Creek (and other waters downstream) by educating students.
Salmon-Safe	Salmon-Safe Sammamish	\$42,728	11	This project will promote a certification program that accelerates private sector conservation actions. Salmon-Safe will co-lead workshops and events to reach and engage key decision makers involved with development to promote water quality, conservation, and best practices along the Sammamish and neighboring sites. This project will benefit water quality by transitioning high profile and ecologically important sites in the Sammamish River Valley to practices that protect water quality and aquatic habitat.
	Total	\$849,994		

cc: Gunars Sreibers, Acting Division Director, Wastewater Treatment Division, Department of Natural Resources and Parks