

WaterWorks Round 1 (2015) Projects Awarded Funding				
Organization	Project Title	Project Type	Project Description	Award Amount
Cascadia College	Student Led Solutions to Stormwater Pollution	Community engagement and stewardship	This project will engage students at Cascadia College in water quality monitoring to identify sources of pollution, such as fecal coliform, and designing and implementing stormwater best management practices to reduce the amount of pollutants entering the watershed. The students will also help develop standardized stormwater monitoring protocols for the campus that will contribute to future implementation of additional best management practices.	\$18,500
City of Kent	Leber Homestead - Arsenic Remediation	On-the-ground	This project will remove arsenic contaminated soil from the floodplain area on the Leber Homestead site in Kent. These contaminants will be removed and buried in order to prepare the site for salmon habitat restoration work. The project will create a floodplain wetland tributary to the Green River and include restorative plantings as well as woody debris.	\$100,000
City of Seattle, Seattle Public Utilities (SPU)	Implementing In-Stream Methodology for Detecting Sewage in-flows to Receiving Waters	Research	This project will use in-stream dataloggers to record temperatures and conductivity in the Thornton Creek Basin to help locate sewage sources. This will help pinpoint areas for more focused illicit discharge detection and elimination investigations so that they may be corrected once found. Once this methodology using dataloggers is fully tested, it can be used in other jurisdictions.	\$250,000
Friends of the Issaquah Salmon Hatchery (FISH)	FISH Volunteer Recruitment Support	Education and outreach	This project will include the recruitment and training of 20 new volunteers, as well as five Spanish-speaking volunteers in order to expand FISH's offerings in the community; this will involve educating children and adults about the importance of protecting watersheds. The project will also develop a social media campaign to promote clean water and the use of car wash kits. Promotional and training materials in Spanish will also be created.	\$30,000
Futurewise	Stormwater Pollution Reduction Project for Algona	Community engagement and stewardship	This project will work with community groups and teachers in the City of Algona to create a pilot community garden, provide hands-on education on natural yard care/clean water to students, provide street trees and education to residents, create a toxics for teens program, and plant trees and create educational signage at a wetland. The project will emphasize stewardship and the role that residents can play in reducing stormwater impacts.	\$81,565
King County Water and Land Resources Division	Duwamish Floating Wetlands	Research	This project will evaluate the potential for using floating wetlands to enhance shorelines, improve water quality, and increase salmon habitat. Different types of floating wetlands will be tested, including commercial and custom designs. The project will also include workshops where stakeholders can learn about floating wetlands and contribute to the design, construction, and installation of the demonstration floating wetlands.	\$154,986
Mountains to Sound Greenway Trust	Me-Kwa-Mooks Park Community Engagement and Restoration	On-the-ground	This project will perform ecological restoration work at Me-Kwa-Mooks Park in West Seattle. Approximately three acres of invasive plants will be removed and restored with native plantings. The Greenway Trust Education Program will work with local school groups on educational topics and stewardship events in the Park as part of the project.	\$50,000
Nature Vision	Water Quality Education Project	Education and outreach	This project will teach in-class programs and hold field trips about water quality and wastewater to students at schools in the Green/Duwamish watershed. The focus will be on place-based water quality education to students in low-income schools to help them become water stewards and increase their understanding of watersheds, ecosystems, pollution prevention, and wastewater treatment.	\$24,949
Seattle Tilth Association	Improving Water Quality through Changes to Agriculture Practices	On-the-ground	This project will conduct educational workshops and provide ongoing technical assistance at the Green River Farm in Kent, which is farmed by Hmong families, to help support the farm's transition from conventional to organic practices. Invasive plants will also be removed and replaced with native species as a buffer for the farm's agricultural practices. The adoption of organic practices and a native buffer strip will help establish long-term benefits of enhanced soil health, improved water quality, and other ecosystem services.	\$50,000
Stewardship Partners	Green Stormwater Infrastructure Mini Grants, RainWise Access Grants, and Community Engagement Campaign	Community engagement and stewardship	This project will develop a small grant program for green stormwater infrastructure on non-RainWise eligible private properties, expand the pilot RainWise Access Grant program to include all RainWise basins, and launch a community engagement campaign across the WTD service area to increase public awareness of GSI.	\$75,000
West Woodland Elementary School PTA	Rain Garden Restoration - Built to Last	On-the-ground	This project will repair and enhance an existing rain garden at West Woodland Elementary School. The addition of fencing and a pathway and bridge through the space will protect the rain garden from overuse; the addition of educational signage will provide an outreach opportunity to the community and help integrate the rain garden into the school's curriculum. Students and volunteers will help with the installation, soil tests, and ongoing maintenance.	\$15,000
			TOTAL	\$850,000

WaterWorks Round 2 (2016) Projects Recommended for Funding				
Organization	Project Title	Project Type	Project Description	Award Amount
City of Bellevue	Kelsey Creek Stormwater Quality Retrofit	On-the-ground	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. Reducing the contaminant loading to Kelsey has the primary goal of reducing the Coho salmon pre-spawn mortality. In 2014, 100% mortality was seen after releasing adult fish into the Creek. The grant will help fund a retrofit program to improve water quality in Kelsey Creek with associated biological monitoring. This project will engage with a community educational component consisting of a Coho pre-spawn mortality curriculum for high school students.	\$100,000
City of Redmond	Street Sweeping for Water Quality	Source control	The region is watching as Redmond implements programs and stormwater retrofits to restore urban creeks. Redmond has implemented a monitoring program (in partnership with King County DNRP) to measure in-stream response to restoration efforts. If funded, this grant would fund street sweeping at an increased frequency to see if, compared to baseline data already collected, increased street sweeping is effective at improving creek health. State agencies, local governments, and environmental groups are upholding street sweeping as a cost effective way to clean up stormwater. As a region we need to measure the in-stream benefit of street sweeping.	\$64,000
City of Seattle, Seattle Public Utilities	Bioretention to Underground Injection Control Well Water Quality Monitoring	Research	Seattle Public Utilities (SPU) has installed bioretention facilities, a proven BMP to capture and treat roadway runoff, that then discharge to an Underground Injection Control (UIC) well; this combination is a new technology for SPU and the region. Questions have been raised about the proper level of maintenance to ensure that the wells don't clog from sediment or biofouling. This grant will fund water quality monitoring of the effluent from two bioretention systems. This data, evaluated in conjunction with level monitoring data, will help to inform design and maintenance requirements of these new systems.	\$94,200
Environmental Coalition of South Seattle (ECOSS)	Environmental Stewards Program	Community engagement and stewardship	ECOSS proposes to utilize completed demonstration sites and outdoor learning spaces to facilitate community educational workshops targeting multilingual community members and home owners about stormwater pollution/nonpoint source pollution, water quality, and connect and engage residents to activities and resources that protect and improve water quality.	\$55,000
IslandWood	Community Waters - Connecting Stormwater Curriculum to Local Watersheds	Education and outreach	This project integrates localized Puget Sound stormwater education into a district-wide 4th grade science curriculum. Through Community Waters, IslandWood and our partners will educate Seattle children about best management practices for stormwater. Project partners, including King County Wastewater Treatment Division, Seattle Public Schools, Seattle Public Utilities and Washington Department of Ecology, are collaborating to implement a multifaceted learning model which will empower children to transform their behavior and influence those around them. As future rate payers, children must learn now about how their actions, and those of their families and communities, can directly impact the health of Puget Sound.	\$250,000
Mountains to Sound Greenway Trust	Greenway Education Project	Education and outreach	The Greenway Trust's education program provides a hands-on scientific learning experience to nearly 4,000 students each year through classroom sessions, field investigations, and service-learning stewardship events. Students learn how their actions can contribute to the health of the Greenway's natural lands and waterways. The education program focuses recruitment efforts on schools with the highest need, as defined by the National School Lunch participation (free/reduced lunch) rates. During the 2015-16 school year, more than two-thirds of our participating schools had a free/reduced lunch rate greater than 50 percent.	\$25,000
Salmon-Safe	Salmon-Safe Sammamish	Community engagement and stewardship	Salmon-Safe will seek to transition high profile and ecologically important sites in the Sammamish River Valley and parts of Redmond to certification practices that protect water quality and aquatic habitat. With King County WTD Recycled Water Program and Stewardship Partners we will build off our combined efforts at Willows Run Golf Course and our zoning development incentive in the City of Redmond. Salmon-Safe will engage 50 high visibility projects in transitioning to Salmon-Safe certification. Salmon-Safe will co-lead education 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.	\$42,728
Seattle Tilth Association	The Watershed Stewards Project	Community engagement and stewardship	Seattle Tilth is building on nearly 20 years of experience in developing and implementing successful volunteer training and management programs to create a Sustainable Stewards program that will provide up to 43 hours of training in watershed stewardship and outreach to 40 King County volunteers from communities east and south of Lake Washington. Once trained, these volunteers will add to the capacity of already existing efforts to engage rate payers to take action to improve water quality by providing 1,400 hours of community service reaching over 2,500 people.	\$50,000
Sustainability Ambassadors (Sustainable Seattle)	Green/Duwamish Project Design Lab	Education and outreach	The Green/Duwamish Project Design Lab will empower teacher leaders serving middle and high school students in four Green-Duwamish school districts (Seattle, Tukwila, Kent, Auburn) to design problem-based curriculum pathways that meet academic standards in service to water quality policy goals and performance frameworks. Teacher Leaders from each district will be selected in collaboration with district curriculum directors and paid an 18-month stipend to study water systems and water quality issues, design new curriculum pathways, facilitate student-led community impact projects, coach their peers across departments and grade levels, and advocate for district-wide adoption of the best models.	\$89,969
University of Washington Bothell	Investigation on Use of Mycoremediation to Reduce Loading of Pathogenic Bacteria to North Creek	Research	The primary goal of the project is to reduce loading of pathogens from the University of Washington Bothell/Cascadia College campus to North Creek. Field and laboratory experiments will be performed to determine reductions in pathogens after passage through mycelium inoculated substrates and the influence of varying flow rates, mycelium mass, and mushroom species. We will also investigate the antimicrobial properties of mycelium exudate and provide UWB students practice in conducting scientific research and bioremediation. This project will model how to live with a large crow roost, the primary source of the pathogens in our wetlands.	\$45,903
YMCA of Greater Seattle - Earth Service Corps	Youth in Action: Stewardship, Education & Leadership	Education and outreach	The Youth in Action projects seeks to educate youth about watersheds and water quality issues while empowering them to address local issues through environmental service projects and sustainable behaviors.	\$33,200
			TOTAL	\$850,000