



## City of Edmonds Public Education and Outreach Activities for 2023

The required elements for a public education and outreach program (Section S5.C.2 of the Permit) are summarized below, followed by a description of the ongoing and planned SWMP activities that meet these requirements.



The City of Edmonds public and residential rain garden program has been a focus in recent years to help with excess stormwater flows and pollutants. This new privately owned rain garden, which was installed in 2021, is in the Perrinville Creek Watershed. [Photo taken Oct. 14, 2023]

### Permit Requirements

Permit Section S5.C.1 states that the SWMP shall include an education and outreach program designed to reduce or eliminate behaviors and practices that cause or contribute to adverse stormwater impacts and encourage the public to

participate in stewardship activities. The education program may be developed and implemented locally or regionally. The Permit lists the following minimum performance measures for compliance with this element. Each Permittee shall:

- Provide an education and outreach program for the area served by the MS4. The program shall be designed to educate target audiences about the stormwater problem and provide specific actions they can follow to minimize the problem.
- Create stewardship opportunities and/or partner with existing organizations to encourage residents to participate in activities such as stream teams, storm drain marking, volunteer monitoring, riparian plantings, and education activities.
- Measure the understanding and adoption of the targeted behaviors for at least one target audience in at least one subject area. No later than July 1, 2020, permittees shall use the resulting measurements to direct education and outreach resources and develop a strategy to affect behavior change. Permittees may meet this requirement individually or as a member of a regional group.

## Continuing/Ongoing Activities

Our approach and priorities for education and outreach has been informed by surveys conducted in 2009 and 2013, which measured the public's knowledge and practices regarding stormwater, and helped inform priorities for specific topics to be addressed in our community. These results, as well as the requirements of the current Phase II Permit, continue to be a guide for our Public Education and Outreach Program (see Table 1).

The Permit requires the City to continue a public education and outreach program and measure changes in behavior for at least one audience in at least one subject area. Since Edmonds is predominantly residential and based on the findings of the surveys, the City had focused efforts between 2013-2020 on educating homeowners on natural yard care techniques to encourage them to protect water quality. The integration of this program was done in partnership with regional organizations who lead the effort to implement and evaluate the program's efficacy.

With the conclusion of a January 2020 natural yard care evaluation in partnership with Snohomish County and upon careful consideration, the City decided to seek a new educational and behavioral change opportunity as the previous campaign had principally 'run its course'. The decision now to pursue an educational outreach program focused on 'dumpster and trash compactor maintenance within the business sectors of Edmonds, closer aligns to the importance and growing emphasis in clean watersheds and eliminating polluted runoff.

As many of our illicit discharge reports stem from in and around our local businesses as well as the integration of a source control program, the City felt the timing was right to pursue this dumpster and trash compactor maintenance program. As Edmonds' main business corridors are near sensitive watersheds such as Lake Ballinger and Puget Sound, the local relevancy of improving stormwater water quality is of the highest importance. Upon committing to the program, the City completed the initial research and data collection for this pilot in March 2021 by selecting specific businesses that had high potential for uncleanness and/or previous pollution concerns.

The initial pilot for this program compiled 10 businesses ranging from restaurants, medical facilities, grocery stores, and multi-use buildings who either had previous complaints or could be potentially pollution generating based on windshield surveys conducted by the Stormwater Engineering Technician. Over the course of a few weeks, the Sr. Stormwater Engineering Technician placed awareness stickers on dumpsters, spoke to owners and employees, and contacted property managers. Therefore, based on the data collected and additional feedback from the larger regional 'Dumpster Outreach Group', and support from recycling/disposal companies, Edmonds began to pursue this emerging program for this permit cycle. During this campaign, language translated stickers and signs will be used to assist this messaging.

In 2022, the program started in earnest as the Sr. Stormwater Engineering Technician visited 11 initial businesses located along the Highway 99 corridor. These initial businesses were identified as plausible pollution generating businesses such as restaurants, convenient stores and mixed-use strip malls. These establishments (along with additional businesses) will be monitored and communicated with periodically over the course of next few years with the ultimate hope of using this education program to facilitate change in behavior in terms of reducing onsite pollution. During 2022's pilot, success was measured by collecting data pertaining to the frequency that said businesses are actively managing their dumpsters/trash compactors.

For 2023, the Ecology mandated source control program (S5.C2.ii.b) kicked off in earnest reidentifying the pilot businesses as well as welcoming new additions to the program. In helping conduct this ongoing program, the City reached out to Aspect Consulting, a northwest based

geotechnical and engineering firm to conduct and advise on the new program. Over the course of 2023, Aspect Consulting made four separate visits to the identified businesses. They spoke with business owners to convey the importance of refuse maintenance, in addition to conducting inspections. During the final visits, the data was compiled and examined, noted, and presented back to Edmonds staff in a final report. This report will now advise the City whether the expected behavior change towards maintaining the respective dumpsters/trash compactors was successful. See Appendix G to learn and understand the specifics of the study. As time and staffing permits, the City envisions this program increasing in size to monitor additional businesses across Edmonds. This program has been envisioned to carry over for years to come to gather a full data analysis and determine if changing behavior patterns in the long term is feasible.



The City continues to increase its partnership with numerous organizations to encourage residents and non-residents involvement in educational opportunities. Current and ongoing partnering organizations to include permittees and non-permittees:

- Snohomish County Surface Water Management
- City of Mountlake Terrace
- SnoSTORM (Sub-group of STORM for Snohomish County Municipalities)
- Snohomish Conservation District (SCD)
- STORM (Stormwater Outreach for Regional Municipalities)
- City of Lynnwood
- Washington State University Extension (Snohomish County Master Gardeners)
- Aspect Consulting
- Sound Salmon Solutions
- Edmonds-Woodway High School
- City of Shoreline
- Mountlake Terrace High School
- Students Saving Salmon (SSS)
- Storm Drain Marking Volunteers
- Western Washington University
- Edmonds College Green Team (AmeriCorps)
- Zero Waste Washington
- Edmonds College
- Salish Sea Monitoring Group
- Salmon Safe Inc.
- WSDOT
- Department of Ecology
- Edmonds Saltwater Marsh Rehabilitation Volunteers
- My Edmonds News (online newspaper)



In this third year of a volunteer restoration project at the Edmonds Marsh, reestablishing Shellabarger Creek is still a priority. In multiple volunteer events in 2023, events such as these pictured helped restore stream flows by clearing stormwater culverts and reestablishing historical drainage patterns. Over 500+ hours of event labor brought over 40+ community volunteers out to collect trash, remove old fencing, and dig/clear channels that was impacted with muck. In addition, these volunteers also removed invasive plants and replanted native vegetation. [Photos taken August 5<sup>th</sup> & 19<sup>th</sup>, 2023]



In May of 2023, the annual 'Watershed Fun Fair' also continued with great success. This event is truly one of our hallmark events that allows for a fun family affair that can offer insight into why we like to say, "Puget Sound Starts Here". This celebrated annual event offered nature-themed activities, exhibits, games, crafts, and fish feeding. This youth-centric event had over 100 plus attendees again thanks to a great message and beautiful weather!



Sr. Stormwater Engineering Technician shows a young and inquisitive participant just how easy it is to pick up pet waste and where to dispose of it. [Photos taken May 15, 2023]

On another positive note, the City's annual rain garden tour, which takes place every October was also able to stay on schedule. This popular and ever-growing event, using City staff as private tour guides, accompanied 23 registered participants for the second time now through a newer rain garden cluster (2021) in the Perrinville Creek watershed that illuminates and educates on the benefits of rain gardens. While these project gardens were designed to be private, they were also selected to be public facing, becoming both educational center pieces as well as functional water and pollutant reducing infrastructure.



Led by Jen Leach (Parks Dept.) (pictured) and Patrick Johnson (Public Works), the annual rain garden tour visited the Perrinville Creek Watershed. [Photos taken Oct. 15, 2023]

Working in partnership with Snohomish Conservation District (SCD) was as always, a highlight for

the City. Along with installing additional private raingardens, advising and working with residents, and providing LID maintenance, plans were again also proposed to find and develop a new City owned right-of-way rain garden system in the Perrinville Creek watershed for 2023. This project would be akin to another successful and nearby raingarden project that was built in 2020. This watershed continues to be a priority for the City in developing green infrastructure to reduce the ongoing and problematic conditions we're faced with. In May/June of 2023 the hopeful project did indeed take shape in the form of an over 1000ft. long right-of-way bioswale & rain garden.



This bioswale will significantly reduce (or eliminate) the stormwater runoff from 83<sup>rd</sup> Avenue from directly flowing into the Perrinville Creek watershed. [Photo taken June 1, 2023]



As the contractor, Snohomish Conservation District (SCD) excavated a large unused piece of land, where it was converted to a useful and beneficial rain garden. [Photo taken June 1, 2023]

In October and November, we also continued our partnership with SCD as part of the October 14<sup>th</sup> Orca Recovery Day regional event as well as a native plant giveaway/rain barrel pickup event. This is Edmonds' third year taking part in and promoting this annual Orca recovery event. It's combined with over 70 other events across the region which highlights the plight of the Orca and what we can do to help save this iconic species. Likewise, with a chosen location at the Willow Creek Salmon & Watershed Education Center, Edmonds became a contact-less pick up point for those who pre-purchased water saving rain barrels for their homes and gardens. This successful event distributed ALL of the pre-purchased rain barrels. In conjunction, free native plants were also given away to residents by Edmonds Stewards while also engaging in numerous folks traveling through the park for the day. After receiving positive feedback from patrons as well as staff following the event, plans are in the works to continue this event for the future.



Snohomish Conservation District conducted our annual rain barrel distribution event for our local residents. [Photo taken by SCD and published on their Facebook Site].

With our partner in over a decade worth of environmental work and spill kit distribution, ECOSS (Environmental Coalition of South Seattle) and the City parted ways. However, a new opportunity to work with a new vendor also brought about new ideas and discussions. So, for the first year in many, the City hired Aspect Consulting to discuss business created pollution and how best to address it. Aspect Consulting was brought on to handle business spill kit distribution and to help aid in educating and bringing awareness to our residents on what is considered polluted runoff and how to encourage spill preparedness. Once onboard, Aspect Consulting delivered spill kits and provided pollution prevention education to 15 Edmonds businesses. Of those, all 15 businesses received new spill kits and were identified as receiving stormwater education/training. In understanding the difficult nature of approaching these businesses to discuss spills/cleanup, we applaud Aspect



Consulting in their mission and outreach to our local businesses. We anticipate this partnership to continue for years to come.

In 2023, the City of Edmonds and partner organization Students Saving Salmon also collaborated on several occasions to allow for Edmonds-Woodway High School students and interested local volunteers to work to improve our fish habitat. These activities ranged from restoring riparian plantings, surveys on spawning salmon, cleaning fish passable culverts, inserting salmon egg hatch boxes into streams, and monitoring sensitive stormwater outfalls. In addition, Students Saving Salmon also helped tremendously with the Edmonds Marsh/Shellabarger Creek Restoration project.

The City of Edmonds continued promotion of the video series “*Certain Things Don’t Mix*”, a collaborative effort from STORM and Comcast Spotlight. This commercial series first developed in 2018, helps bring public attention and awareness to the relationship between the environment and pollutants. They take a lighthearted but poignant look at how stormwater and pollutants mix to affect the environment. During 2023, they were posted multiple times on the City webpage, City newsletter, online local newspapers and social media as well as running continuously in the City Hall Green Resource Room. They have received upwards of 2,750+ views and responses since their debut in 2018.

The EarthCorps’ Puget Sound Stewards continued to be active in Edmonds during 2023, but the program officially transitioned to Sound Salmon Solutions in 2022 and was renamed the Edmonds Stewards. The Edmonds Stewards program enables local community participation to help keep our parks, forests, and wetlands healthy and sustainable. The program grew under new leadership and approximately 12 Stewards were active this year in leading volunteer groups throughout the City, performing a variety of habitat stewardship projects including removing invasive species and planting native plants throughout our parks.





City of Edmonds Street Sweeper was wrapped with an environmentally important stormwater message in 2023. Our sweeper truck runs 12 months out of the year, thus reaching thousands of residents.  
[Photo taken Oct. 5, 2023]

For a complete list of our public education and outreach activities see Table 1.

**Table 1. Ongoing Public Education and Outreach Activities**

Educational Material / Activity	Description of Educational Material/Activity	Phase II Permit Sections(s) & Target Audience
<b>Brochures, Booklets, Fact Sheets and Other Written Material (available from Engineering Department at City Hall, the Parks Department at the Francis Anderson Center, or on the City website)</b>		
Stormwater Addendum & Checklists	Includes information to supplement or elaborate on the guidelines and requirements outlined in Edmonds Community Development Code Chapter 18.30 Stormwater Management and Ecology's Stormwater Management Manual for Western Washington.	S5.C.2.a.i General public and businesses S5.C.2.a.ii Engineers, contractors, developers, review staff and land use planners
Streamside Landowners Best Management Practices web page	This portion of the City's website discusses leaving stream banks natural, planting native plants and trees, limiting the use of lawn chemicals, proper car washing, and keeping pets out of streams. <a href="https://www.edmondswa.gov/cms/One.aspx?portalId=16495016&amp;pageId=17269291">https://www.edmondswa.gov/cms/One.aspx?portalId=16495016&amp;pageId=17269291</a>	S5.C.2.a.i Residents, landscapers and property owners/managers
Natural Yard Care booklet	This booklet was prepared by Seattle/King County and Washington State University Extension and is available at Edmonds City Hall. <a href="https://snohomishcountywa.gov/DocumentCenter/View/7260/Natural-Yard-Care?bidId=">https://snohomishcountywa.gov/DocumentCenter/View/7260/Natural-Yard-Care?bidId=</a>	S5.C.2.a.i General Public and businesses S5.C.2.a.ii Residents, landscapers and property owners/managers
How to be a Salmon Friendly Gardener brochure	Brochure describes building healthy soil with compost, using natural fertilizers, directing runoff to pervious areas, and protecting shoreline habitat. <a href="https://snohomishcountywa.gov/DocumentCenter/View/3769/Salmon-Friendly-Gardener?bidId=">https://snohomishcountywa.gov/DocumentCenter/View/3769/Salmon-Friendly-Gardener?bidId=</a>	S5.C.2.a.i Residents, landscapers and property owners/managers)
Safer Alternatives for the Home and Garden fact sheets	A collection of fact sheets prepared by Toxics Free Future (previously Washington Toxics Coalition) that lists less toxic fertilizers and describes alternatives to common toxic products for control of slugs, aphids, and weeds. <a href="https://toxicfreefuture.org/healthy-living/healthy-gardens/">https://toxicfreefuture.org/healthy-living/healthy-gardens/</a>	S5.C.2.a.i General public and businesses S5.C.2.a.ii Residents, landscapers and property owners/managers
Protecting Water Quality in Urban Runoff	Fact sheet published by USEPA that discusses urbanization's impact on the quality & quantity of stormwater runoff and what can be done to best manage this runoff. <a href="https://www3.epa.gov/npdes/pubs/nps_urban-facts_final.pdf">https://www3.epa.gov/npdes/pubs/nps_urban-facts_final.pdf</a>	S5.C.2.a.i General public and businesses S5.C.2.a.ii Residents, landscapers and property owners/managers
Protecting Washington's Waters from Stormwater Pollution	Seven-page environmental education guide that discusses a variety of topics related to stormwater runoff and presents ways to protect receiving waters from the detrimental effects of uncontrolled stormwater runoff. <a href="https://fortress.wa.gov/ecy/publications/documents/0710058.pdf">https://fortress.wa.gov/ecy/publications/documents/0710058.pdf</a>	S5.C.2.a.i General public and businesses S5.C.2.a.ii Residents, landscapers and property owners/managers

City of Edmonds Stormwater Education and Outreach web page	City's Stormwater Education and Outreach web page provides information on stormwater and stormwater regulations, including FAQs, and information on car washing, vehicle leaks, and links to City and regional outreach brochures, articles, and web pages. <a href="https://www.edmondswa.gov/government/departments/public-works-and-utilities/stormwater-utility-system/stormwater-public-education-outreach">https://www.edmondswa.gov/government/departments/public-works-and-utilities/stormwater-utility-system/stormwater-public-education-outreach</a>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii Residents, landscapers and property owners/managers
Car Wash brochures	Two car wash brochures are available that discuss the issues of car wash water discharging to storm drains. One brochure is focused on how to best handle washing cars at home, the other covers the use of the City's car wash kit during fund raising events. Both are available online. <a href="https://www.edmondswa.gov/UserFiles/Servers/Server_16494932/File/Government/Departments/Public%20Works%20and%20Utilities/Stormwater%20Utility%20System/Stormwater%20Public%20Education/Car%20Washing%20in%20Edmonds/Car_Wash_Brochure_FINAL.pdf">https://www.edmondswa.gov/UserFiles/Servers/Server_16494932/File/Government/Departments/Public%20Works%20and%20Utilities/Stormwater%20Utility%20System/Stormwater%20Public%20Education/Car%20Washing%20in%20Edmonds/Car_Wash_Brochure_FINAL.pdf</a>	S5.C.2.a.i General public and businesses
Stormwater articles in City's electronic newsletter, social media and print publications.	A variety of stormwater related articles were posted in the City's electronic newsletter, the City's web page, the City of Edmonds' Facebook page as well as MyEdmondsNews.com and the Edmonds Beacon. These articles touched on such topics as drain cleaning, street sweeping, clean car washing, pet waste, snow and ice removal, vehicle leaks, rain gardens and natural yard care. These articles aim to be daily reminders and educational tools for our local residents that stormwater runoff is the single largest non-point pollution source to our waterways. <a href="https://edmondsbeacon.villagesoup.com/">https://edmondsbeacon.villagesoup.com/</a> <a href="https://myedmondsnews.com/">https://myedmondsnews.com/</a> <a href="https://www.facebook.com/cityofedmonds/">https://www.facebook.com/cityofedmonds/</a>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii Residents, Landscapers, and Property Owners/Managers
Wildlife of Edmonds poster	Developed by City Parks and Recreation staff, the poster has photos of the many animals (and their habitat) that can be found in Edmonds. The overall goal is to foster environmental stewardship among citizens of Edmonds and those who visit our parks and beaches. It is expected that this will result in behavior changes, such as picking up pet waste and fixing leaky cars, which will benefit watersheds and wildlife.	S5.C.2.a.i General public and businesses
Storm drain marking	Information regarding storm drain marking is provided on the City website. <a href="https://www.edmondswa.gov/government/departments/public-works-and-utilities/stormwater-utility-system/stormwater-public-education-outreach/storm-drain-stenciling">https://www.edmondswa.gov/government/departments/public-works-and-utilities/stormwater-utility-system/stormwater-public-education-outreach/storm-drain-stenciling</a> . Free assistance and marking supplies are offered to volunteer groups that apply for the materials. In 2019 and 2020, two groups of people checked out the current stock of marking supplies.	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii Residents, Landscapers, and Property Owners/Managers
Rain Garden Handbook for Western Washington	This handbook is available for pickup at City Hall and given out during rain garden tours and information sessions. The Handbook can be used by homeowners, landscapers, landscape architects, engineers and others to create rain gardens in Western Washington, whether or not required by stormwater regulations. <a href="https://apps.ecology.wa.gov/publications/SummaryPages/1310027.html">https://apps.ecology.wa.gov/publications/SummaryPages/1310027.html</a>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii Residents, Landscapers, and Property Owners/Managers
STORM (Stormwater Outreach for	Access to the STORM public library as an open source of clean water, pollution prevention, and environmental outreach materials.	S5.C.2.a.i General public and businesses

Regional Municipalities )	<a href="https://www.pugetsoundstormgroup.org/Default.aspx#">https://www.pugetsoundstormgroup.org/Default.aspx#</a>	S5.C2.a.ii Residents, landscapers, and property owners/managers
<b>Presentations, Curriculums and Activities</b>		
Spill Kit for Businesses Program – in partnership with Aspect Consulting	The City partnered with Aspect Consulting in 2023 to educate Edmonds' businesses on spill prevention and preparation. The businesses that received a spill kit were taught how to use the kit, the ways to minimize the occurrence and impact of future spills, and where their stormwater runoff flows to. In 2023, 15 businesses (many of them English speaking as a second language) were identified and served with PIG spill kits.	S5.C.2.a.i General public and businesses
Edmonds Beach Ranger Education and Outreach Program	The City of Edmonds has supported the Beach Ranger program since 1986, when the first Rangers were hired to teach marine education and conservation to school-aged children within the Edmonds School District, staff the Olympic Beach Visitor Station, and patrol the beaches in the summertime. Rangers teach marine ecology and beach etiquette to all ages, including the impacts of human activities on the Puget Sound and steps people can take to limit the impact of their actions. Due to impacts associated with the pandemic in-person learning and outreach was suspended, and a series of educational videos and activities geared towards distance learning were created. Lessons included marine ecology and etiquette, stormwater, plant anatomy, general nature observations, and more and can be accessed through the <a href="#">Discovery Programs website</a> .	S5.C2.a.i General public and businesses S5.C.2.a.ii Residents, Landscapers, and Property Owners/Managers
Snohomish Conservation District	In 2023, in partnership with SCD, the City of Edmonds ran outreach and project to a new neighborhood right-of-way bioswale/rain garden. This new project was installed in the SMAP targeted Perrinville Creek watershed. This new public rain garden along with previously installed ones will help reduce the flows and pollutants into Perrinville Creek. Substantial erosion issues recently have made this watershed a priority to seek infiltration and reduction as an alternative to the traditional piped storm system. <a href="https://snohomishcd.org/">https://snohomishcd.org/</a>	S5.C.2.a.i General public and businesses S5.C.2.a.ii Residents, Landscapers, and property owners/managers
Snohomish Conservation District	The City continued to partner with Snohomish Conservation District to bring awareness and outreach while beautifully maintaining 9 City owned rain gardens and bioswales throughout Edmonds. <a href="https://snohomishcd.org/">https://snohomishcd.org/</a>	S5.C.2.a.i (General Public and businesses)
Snohomish Conservation District	On Nov.18, 2023 with SCD, conducted a rain barrel pickup as well as a native plant giveaway at the Willow Creek Fish Hatchery. <a href="https://snohomishcd.org/">https://snohomishcd.org/</a>	S5.C.2.a.i (General Public and businesses)
Orca Recovery Day – in partnership with Snohomish Conservation District	In 2023, Edmonds participated for the third time in Orca Recovery Day in October as we partnered with Snohomish Conservation District. SCD also provided signage and brochures for those interested. This will continue to be a yearly event. <a href="https://snohomishcd.org/orca-recovery-day">https://snohomishcd.org/orca-recovery-day</a>	S5.C.2.a.i (General Public and businesses)
Dumpster Outreach Group (Part of a regional program)	Since 2014, the City had partnered with Snohomish County and other regional municipalities to deliver a comprehensive natural yard care training program. With the conclusion to the 2020 natural yard care program though, the City has decided to pursue a new behavioral change campaign, 'Dumpster Outreach', which will target businesses within Edmonds. This new 2021 regional outreach campaign is comprised of 23 other cities. While the program is in development, staff have attended	S5.C.2.a.i General public and businesses S5.C.2.a.ii General public and businesses

	meetings, begun early data collection, ordered stickers/pamphlets and targeted sections of the business sector to emphasize. A pilot program took place in March 2021 to help give a direction to the program. In 2022, 11 business were chosen to begin the program. In 2023, the program began in full with the help of Aspect Consulting.	
"Puget Sound Starts Here" Storm Drain Marking Program	In 2020 with student volunteers, over 600 newly purchased customized "Puget Sound Starts Here" storm drain markers were mounted above storm drains in and around key watersheds bringing awareness to reducing pollutants in stormwater. With limited access to students due to the ongoing pandemic, this program was paused but the hope is to continue it once again when appropriate.	S5.C.2.a.ii General public and businesses
Residential Rain Garden Tour and Information Session Program	Staff from the Parks Department and Public Works led a rain garden tour on Oct. 14, 2023. Using the Rain Garden Handbook for Western Washington as a guide, participants explored the process of designing, building, and maintaining a rain garden, and saw examples of key principles at work, and received a free copy of the Handbook and a list of local resources. 23 registered residents and locals showed up for the tour as this has become an annually successful event. <a href="https://fortress.wa.gov/ecy/publications/documents/1310027.pdf">https://fortress.wa.gov/ecy/publications/documents/1310027.pdf</a>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii Residents, landscapers and property owners/managers
Lake Ballinger Water Quality Monitor Volunteer (Funding Support)	In 2022, the City of Edmonds, City of Mountlake Terrace and Snohomish County partnered in an interlocal agreement to better monitor the changing environmental conditions at Lake Ballinger. This agreement has led to Snohomish County training a local lake resident to do basic water quality monitoring to which this data will be collected by Snohomish County and compiled into a year-end report. <a href="https://snohomishcountywa.gov/DocumentCenter/View/72449/Ballinger_2021?bidId=">https://snohomishcountywa.gov/DocumentCenter/View/72449/Ballinger_2021?bidId=</a>	S5.C.2.a.i General public and businesses
		S5.C.1.a.ii General public and businesses
Puget Sound Beaches & Pier Cleanups (Stewardship)	In a typical year, service groups join us at our waterfront beaches to help remove litter in our parks. Similarly, a dedicated group of volunteer divers remove debris that has accumulated underwater at the base of the fishing pier.	S5.C.2.a.i General public and businesses
Edmonds College Green Team (AmeriCorps) (Stewardship)	In 2022, the City of Edmonds took on a new stewardship in Edmonds College. In partnership with AmeriCorps, this program will begin regular water quality testing in Perrinville Creek which has been plagued recently with scouring flows partially due to urban runoff. This testing will take place recurrently with a data set and recommendations once the project is finalized.	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii General public and businesses
Watershed Fun Fair	This annual event typically focuses on providing activities and information about soil health, water quality, stormwater management, habitat restoration for fish and wildlife, green infrastructure, natural yard care, recycling, and wildlife found throughout a healthy watershed. Due to impacts associated with the pandemic, this event was cancelled in 2020 and 2021. In 2022 and 2023, the return of the event happened with over 100 kids and adults attending the event.	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii General public and businesses
Students Saving Salmon (Funding Support) (Stewardship)	In 2023, the City of Edmonds continued its stewardship with Students Saving Salmon. This club of high school students mentored by a retired fish biologist have undertaken several small projects along Edmonds's	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii

	<p>waterways and perform hands-on in-field testing and observation of drainage courses. The City continues to provide funding to this program, which provides further engagement for those interested in stormwater and environmental related fields. Student projects are routinely covered in articles in the local newspaper, leading to increased awareness amongst a larger audience than just the students involved.</p> <p>In 2023, the students conducted water monitoring in the Edmonds Marsh, culvert cleaning, riparian restoration and plantings as well as releasing Chum and Coho Salmon in several local creeks.</p> <p>The students also become educators and stewards by volunteering their time in preparing a written report to present to Edmonds City Council each year.</p>	General public and businesses
Watershed Habitat Restoration Stewardship <i>(in partnership with Edmonds Stewards) (Stewardship)</i>	<p>In 2023, more than 2.0 acres of parkland was under active restoration with the goal of replacing invasive species with native trees and shrubs to both increase habitat diversity and resilience and help control flooding and erosion. Restoration activities include site preparation, planting, and maintenance, with work being performed by Parks staff, contractors, and/or volunteers. Sound Salmon Solutions' Edmonds Stewards (formerly EarthCorps) receive ongoing funding through the Parks Department to manage a volunteer program in Edmonds. Approximately 12 stewards are active in Edmonds, leading volunteer stewardship events in our forests, wetlands, and shorelines.</p>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii General public and businesses
<b>Other</b>		
Green Resource Room	<p>The City continues to promote and update the City's Green Resource Room, to showcase sustainability and low impact development (LID) techniques and provide guidance and information to Edmonds residents and developers. The Green Resource Room maintains a stock of low flow garden nozzles, garden timers, moisture meters and low flow showerheads that are offered free to the public. Solar Panels, rain barrels and a monitor which cycles through a variety of LID topics are also on display. A highlight of the room is the pervious pavement display which was created to spark interest and inform both residents and contractors of the benefits of incorporating infiltration on their properties. This display can be disassembled and brought to outreach events.</p>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii General public and businesses
Mutt Mitt pet waste stations	<p>"Leash and Scoop" signs are posted throughout Edmonds. Mutt Mitt pet waste stations are located at 11 parks and public areas in Edmonds, including the well-used and popular City dog park at Marina Beach. The Off Leash Area Edmonds (OLAE) non-profit organization help maintain and volunteer their time for maintenance and cleanups. These pet waste stations are maintained daily by City of Edmonds Parks and Recreation staff. As a controllable pollution source, the pet waste stations have educated and encouraged dog owners to utilize them throughout the city, with the Marina Beach Dog Park approximately removing 300 pounds of pet waste every week. There are 17 stations in total.</p>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii General public and businesses
City proclamation for "Puget Sound Starts Here" Month	<p>Every year the City makes an official proclamation to promote awareness of the Puget Sound Starts Here (PSSH) campaign which serves to educate the general public about local and regional water quality issues. This typically coincides with the Watershed Fun Fair, a substantial social media campaign, and a month long</p>	S5.C.2.a.i General public and businesses

	PSSH banner displayed over heavily travelled arterials for awareness.	
<i>"Puget Sound Starts Here"</i> Decals on City Vehicles	In 2023, the City continued to refresh and replace the 14 in. x 6in. "Puget Sound Starts Here" campaign decals on the 8 vehicles used by the Stormwater Department. These vehicles are out on the streets of Edmonds daily for residents to see and promote the idea of clean stormwater. These vehicles include a Vactor truck, 2 street sweepers, a dedicated stormwater TV truck, and fleet vehicles.	S5.C.2.a.i General public and businesses
Stormwater Community Research Report	In 2013, Edmonds sanctioned a survey of a sample of its residents and businesses to measure the public's knowledge and practices regarding stormwater quality issues to be compared to a baseline study conducted in 2009 along with five other municipalities. These 2009/2013 studies continue to guide our public education and outreach activities and enable the City to measure change in target behaviors as a result of our efforts. The report has been posted on the City's stormwater outreach web page. <a href="https://www.edmondswa.gov/UserFiles/Servers/Server_16494932/File/Government/Departments/Public%20Works%20and%20Utilities/Stormwater%20Utility%20System/Stormwater%20Public%20Education/Outreach%20Resources/2013%20Edmonds%20Stormwater%20survey%20report%20FINAL%204%2021%202014.pdf">https://www.edmondswa.gov/UserFiles/Servers/Server_16494932/File/Government/Departments/Public%20Works%20and%20Utilities/Stormwater%20Utility%20System/Stormwater%20Public%20Education/Outreach%20Resources/2013 Edmonds Stormwater survey report FINAL 4 21 2014.pdf</a>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii General public and businesses Residents, landscapers and property owners/managers
<i>"Puget Sound Starts Here"</i> Commercials <i>"Certain Things Don't Mix"</i> Campaign.	In 2023, the City in partnership with STORM and Comcast Spotlight helped fund the successful and well received 3 commercials bringing public attention and awareness to how "Certain Things Don't Mix". The commercials took a lighthearted but poignant look at how stormwater and pollutants mix together to affect the environment, and were posted multiple times on the City webpage, Green Resource Room, City newsletter, online newspapers and social media where they received upwards of 1500+ views. <a href="https://www.youtube.com/watch?v=DjkwzGSz69g">https://www.youtube.com/watch?v=DjkwzGSz69g</a> <a href="https://www.youtube.com/watch?v=B2JCLtUf7E8">https://www.youtube.com/watch?v=B2JCLtUf7E8</a> <a href="https://www.youtube.com/watch?v=L-QeXauQQng">https://www.youtube.com/watch?v=L-QeXauQQng</a>	S5.C.2.a.i General public and businesses
		S5.C.2.a.ii General public and businesses
Participation in regional municipal stormwater educational forums/groups.	The City regularly attended virtual local and regional meetings convened to share and promote outreach resources and techniques. The groups were formed with the intent of educating the general public and specific interest groups about stormwater and the impacts of stormwater on our environment.	S5.C.2.a.i General public and businesses