

Regional Stormwater and Education Program Annual Report

Introduction

This report outlines the public education and outreach (PE/PO), and involvement and participation (PI/PP) strategies that municipal separate storm sewer systems (MS4s) in the Middle Rogue Basin implemented from July 1, 2022 to June 30th, 2023 to satisfy the conditions of the NPDES Phase II general permit issued by DEQ on November 30, 2018. The activities are integrated into individual Stormwater Management Plans (SWMPs) developed by the MS4s that were submitted to and approved by DEQ. Activities completed are applicable to the regulated small (Phase II) MS4s and include established MS4s (Existing Registrants) and new permittees (New Registrants). In the Middle Rogue Basin, the registrants include the Cities of Medford, Ashland, Grants Pass, Eagle Point, Central Point, and Rogue River, Rogue Valley Sewer Services (includes the Cities of Talent and Phoenix and Jackson County), and Josephine County.

Most of the activities summarized in this report are funded by the Bear Creek MS4s (Medford, Ashland, Central Point, and RVSS (representing Phoenix, Talent, and Jackson County)) with a few exceptions that include Grants Pass, Josephine County, Eagle Point, and/or other partners through the TMDL Program. This report follows a similar format to previous years. Overall, activities for the program returned to pre-covid levels as in-person events and activities returned following a brief hiatus.

Program Highlights

- Programs reached over *2,150 people* (not including visitation to the Stream Smart website).
- The website had 2,642 users and social media platforms had a reach of over 24,000 based on Facebook (23,875) and Instagram (1,209) for the year. Currently, we have 524 Facebook followers and 237 Instagram followers. We continue to see the shift in users from the conventional website to the social media platforms. As a result, we are increasing our social media activities and presence.
- Continued the Salmon watch program for a 10th consecutive season in the Fall of 2022. We conducted 28 in person field days. Classes represented schools from the Bear Creek Valley and Greater Jackson County. *1,260 participants*.
- Salmon Watch Partners included representatives from the TMDL DMAs and Bear Creek MS4s, Bear Creek Watershed Education Partners (BCWEP) volunteers, RVSS, Rogue River Watershed Council (RRWC), Oregon State Parks, Oregon Department of Fish and Wildlife, BLM, the Freshwater Trust, the Army Corps of Engineers, Southern Oregon Land Conservancy, Kid Time, and local schools.
- Secured funding to support continuation of the Salmon Watch Program in 2022 from Jackson Soil and Water Conservation District (JASWCD). We also received an MOU in July 2023 with JASWCD which will continue the funding for the foreseeable future.
- Presented education and outreach information at multiple local events including presentations in a partnership with the Stream Smart and/or TMDL programs, schools, and partners. *695 people reached*.

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- Participated in and helped coordinate volunteer clean-ups in September 2022 and April 2023. *318 attendees.*
 - Fall Statistics and Activities:
 - 118 volunteers
 - Removed 4,385 lbs of trash
 - Invasive Species (blackberries) removed
 - Press releases and media interviews conducted
 - Spring Statistics and Activities:
 - 200 volunteers
 - 7,000 lbs of trash removed
 - Mulching and planting of pollinator gardens
 - Invasive Species(blackberries) removed
 - Press releases and media interviews conducted
- Hosted and/or helped coordinate 6 additional volunteer events reaching over 100 people (108).
- Continued activities along the Stream Smart Adopt-A-Greenway segment near the Expo Center including tying in and staffing starting locations for the Bear Creek clean-up and organizing an event coinciding with the Worldwide Walk for Water. Activities expanded with the creation of a comprehensive plan as part of an internship program with Crater Renaissance Academy and included clean-ups, planting of native trees and pollinator species, and education events.
- Audiences reached included the general public, schools, and local officials (through presentation of programs at RVCOG Board meetings).
- Engineers, planners, and contractors are the target audience for the Erosion Prevention and Sediment control brochure which is undergoing final revision for creation of a print ready pdf.
- The Stream Smart program is continuing to expand with new partners and ties into specific programs including the Bear Creek Restoration Initiative, the Rogue Drinking Water Partnership, Solve's Adopt-A-River and other areas.

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PUBLIC EDUCATION & OUTREACH (PE/PO) SUMMARY



General Program/Activity Description

The PE/PO program is designed to develop, refine, and implement an education and outreach program to inform the public about the impacts of stormwater discharges on waterbodies and the steps that they can take to reduce pollutants in stormwater runoff consistent with the recommendations of the general permit and jurisdictional (MS4s) SWMPS. The goal of program is to educate residents on behaviors and practices that can cause or contribute to adverse stormwater impacts on receiving waters and provide actions that citizens, businesses, and others can take to reduce pollutants in stormwater runoff and prevent illicit discharge from entering the MS4 impacted receiving waters. Activities were developed over a 5-year implementation period. Regional activities are reviewed and updated as needed and scheduled annually as well.

Work completed in 2022-2023 is based off the general SWMP created with the regional stormwater team and RVSS (<http://rvkog.org/wp-content/uploads/2017/01/SWMP-Draft-June-28th-2019.pdf>). Table 2 and Table 3 (page 15) summarize the general recommendations for developing SWMPS and were used to develop the program scopes. The scopes were used by the MS4s for developing and submitting their SWMPS. In addition, the general SWMP was used as the basis for regional implementation activities coordinated by RVCOG. Activity details for the implementation year follow the tables. The tables are provided as a reference to link into individual SWMPS as needed.

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Table 2: Public Education & Outreach Activities

Activity/Description	Regional Activity?	Current Activity	New Activity/ Materials	Audience(s)			Permit Year				
				Public, Homeowners, HOA's, Schools, Businesses (Target Audience #1)	Local Elected Officials, Land Use Planners, Engineers (Target Audience #2)	Construction Site Operators (Target Audience #3)	1	2	3	4	5
Electronic Communication Channels (Topics: 1-10)											
Stream Smart	X	X		X	X						
RVCOG Website	X	X		X	X						
MS4s Individual Websites		X		X							
Messaging/Campaigns											
Meet annually to decide on a message or a campaign to focus on/highlight for the implementation year in addition to the activities that cover multiple topics.	X	X	X	X	X	X					
Events (Topics: 1, 2, 7, 9) – Minimum of 4 events per year											
Spring events (April/May) - 2	X	X		X	X						
Fall Events (September/October) - 2	X	X		X	X						
Event Examples											
Rogue Valley Earth Day(s) Arbor Day Events Land Steward Workshop Salmon Festival World Fish Migration Day Bear Creek Fall Festival Other											
Media (Topics: 1-10)											
Press Releases	X	X		X	X	X					
Social Media	X	X		X							
Print Media	X	X		X	X	X					
Targeted Workshops/Trainings (Topics: 1-10) – 1-2 per year											

Erosion Prevention & Sediment Control BMPs - Goal: target construction site operators		X	X		X	X		X		X	
Riparian/Restoration/Invasive Spp. Management			X	X	X		X				X
Low Impact Development/Green Infrastructure			X	X	X		X				
Homeowners/residential			X					X			
Landscape contractors/commercial & public maintenance operators			X			X				X	
Pesticide & Herbicide BMPs/Reduction			X	X			X				
Other topics			X	X	X	X					
Printed Materials (Brochures, post cards). (Topics: 1-10)											
Continue printing & distribution of existing brochures, postcards, etc.	X	X		X	X						
New/revised printed material for distribution	X		X	X	X	X					
Presentations (Topics: 1-10) - Updates to City Councils/Commissions (Target audience #2) minimum of once per year. Updates of what's coming/changes in 2019 (New Phase II Regulations).											
			X		X	X					
Program Support/Implementation (Topics: 2, 3, 4, 6, 7, 9)											
Salmon Watch	X	X		X							
Adopt-A-River	X	X		X	X						
Stream Smart (website, program admin)	X	X		X	X						
General funding for programs, events, brochures (e.g., Bear Creek Fall Festival, brochure printing, Clean Rivers Coalition)	X	X	X	X	X	X					

Shading indicates when activity taking place.

Work Completed in 2022-2023

Stream Smart

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The Stream Smart program was designed to help MS4s implement their education and outreach programs and public involvement and participation programs in partnership with other programs including local TMDL programs (Bear Creek and the Rogue River). It was developed as a tool to provide an informational resource on a number of water quality and watershed related topics, advertise and promote events and volunteer opportunities, and encourage residents to help improve water quality in the region by taking actions at home or in their community.

MS4s provide funding for the Stream Smart Program and many members also serve on the Advisory Committee to help direct program activities. The core Advisory Team includes RVCOG (the 2022-2023 coordinator), Medford, Central Point, RVSS, Jackson County, Grants Pass, Josephine County, and the Medford Water Commission. Core refers to those members who actively participate in meetings and program activities.

Activities included coordinating and facilitating 4 quarterly Stream Smart meetings (September, December, March, and June), sponsoring and promoting events, implementing activities and programs, promoting and marketing of the program, creating and updating content for the website, creating content for media and social media postings, and participating in local events. Major accomplishments for the program included maintaining the website (<https://www.stream-smart.com/>), continuing to expand partners and promote the program, creating and installing signs incorporating the logo along local recreation corridors (e.g., Bear Creek Greenway), increasing the coordination with the Rogue Drinking Water Partnership, hosting a number of volunteer events in both Jackson and Josephine Counties, establishing additional support programs for banners, continuing to support local clean-up activities, volunteer supplies, tools, and other needs through a bottle drop account, adopting a section of the Rogue River, working with Crater Renaissance and hosting events on the Adopt-A-Greenway section from Pine Street to Upton Road near the Jackson County Expo.

We also made major strides in re-establishing the pledge pages using a program called Ultimate Maps. An image from the website showing the Planting Pledge is shown below.

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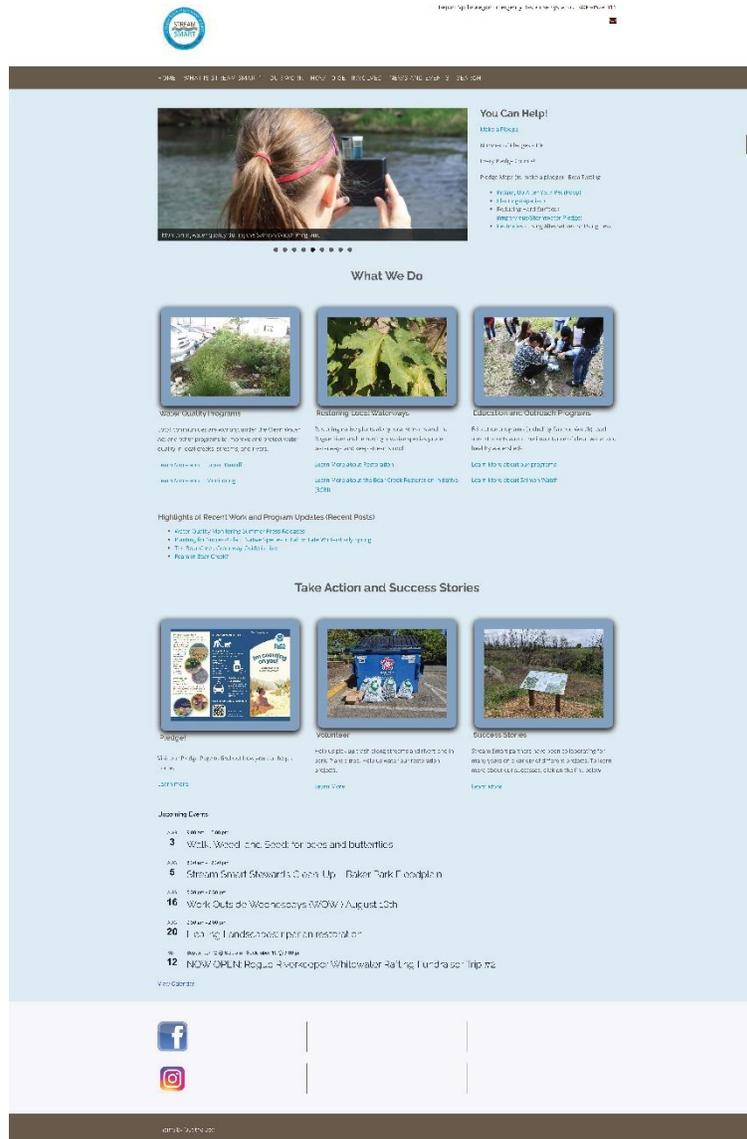


Report Spill (Oregon Emergency Response System) : 1-800-452-0311

Stream-smart.com

The figure below shows the home page for Stream Smart including the menu bars, information highlights including programs, relevant news articles, and what is happening now.

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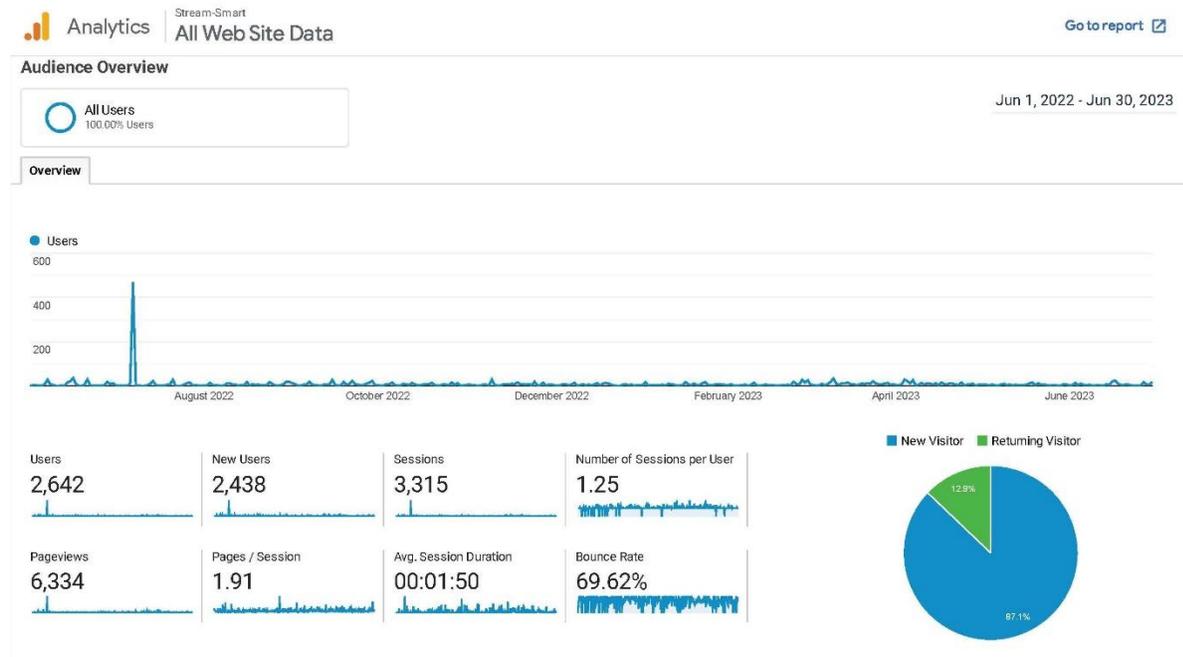
Web and Social Media Summary

Annual visitation to the website, Facebook, and Instagram show that the program continues to shift towards a high percentage of users learning about and participating in Stream Smart through social media platforms when compared to traditional channels. The most visited web pages include the Rogue Clean-ups, events and press releases, and what is Stream Smart.

Most of the social media visitation based mostly on interactions on Facebook (likes) is local, although there is some interest from Portland and Eugene.

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Visitation to the website

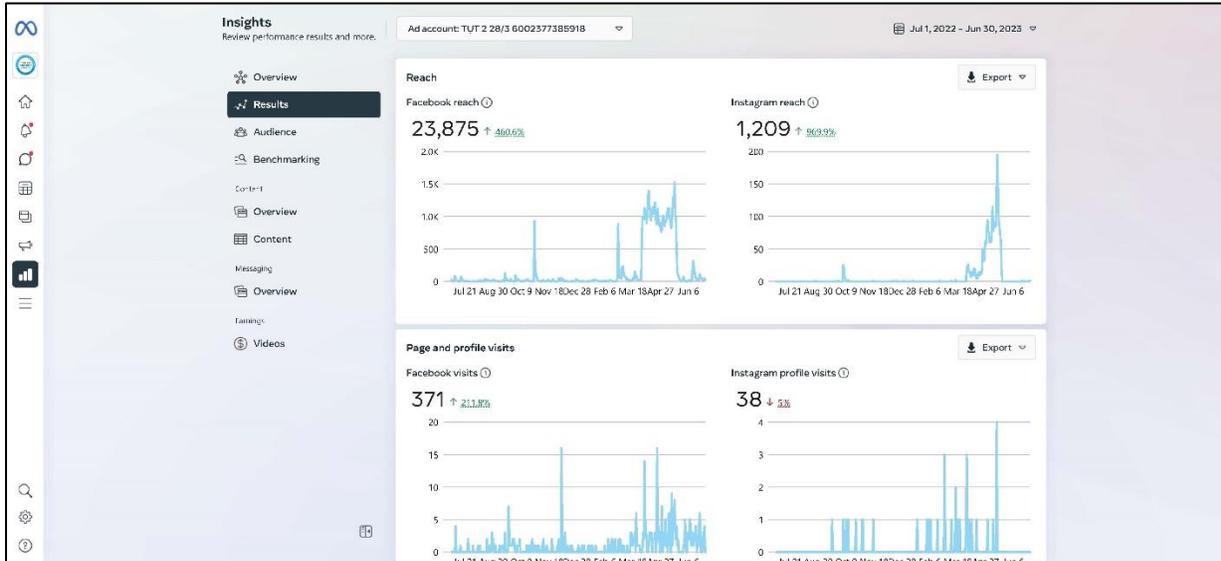


The top ten pages included the home page, the Rogue River Clean-up, events and press releases, and Stream Smart.

Page	Pageviews	% Pageviews
1. /	2,249	35.51%
2. /rogue-river-clean-ups/	235	3.71%
3. /current-happenings/	208	3.28%
4. /what-is-stream-smart/contact/	206	3.25%
5. /what-is-stream-smart/about-2/	189	2.98%
6. /our-work/programs-and-projects/rogue-basin-salmon-watch/	167	2.64%
7. /news-and-events/press-releases/	156	2.46%
8. /news-and-events/current-happenings/	129	2.04%
9. /news-and-events/	128	2.02%
10. /what-is-stream-smart/contact/press-kit/	125	1.97%

Social Media Visitation

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Social Media Demographics

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Audience

Current audience Potential audience

Grow your Facebook audience for more insights

You can learn more about your audience when more people like your Page. Take action now to get discovered and build your community.

Invite friends Create post

Inviting friends to like your Page will allow Meta Business Suite to access the friends list from your personal account.



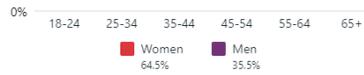
Facebook followers

524

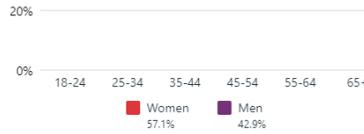
Instagram followers

237

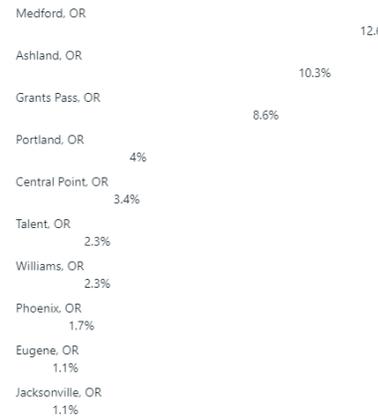
Age & gender



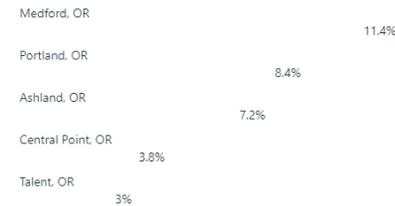
Age & gender



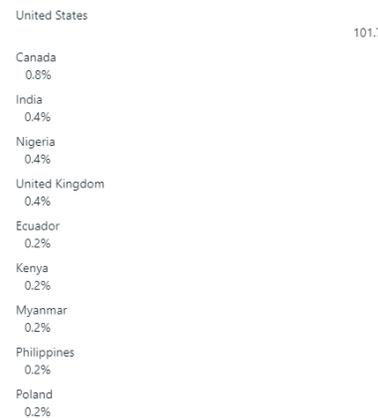
Top cities



Top cities



Top countries



Top countries



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Example Posts

Published		Scheduled	Drafts			Post type	Filter	Clear	Q Search by ID or caption	Apr 1, 2023 - Jun 30, 2023	Columns
Title				Date published	Reach	Engagements	Likes and reactions	Comments	Shares		
Have you been out to Blue Heron Park lately? Go check out Blue Heron Park! Stream Smart - a clean water project	Boost post			Thu Jun 29, 11:45am	70 Accounts Center accounts reached	6 Post engagements	5 Reactions	0 Comments	1 Shares		
BottleDrop is hosting a statewide #HiddenBottleHunt from July 5th... Stream Smart - a clean water project	Boost post			Fri Jun 23, 11:25am	48 Accounts Center accounts reached	4 Post engagements	1 Reactions	0 Comments	2 Shares		
Any guesses as to what these are and how they are helpful in identifying... Stream Smart - a clean water project	Boost post			Fri Jun 23, 11:10am	91 Accounts Center accounts reached	8 Post engagements	2 Reactions	3 Comments	0 Shares		
Come on down to Bear Creek Park to learn about natural resources... Stream Smart - a clean water project	Boost post			Thu Jun 22, 4:18pm	56 Accounts Center accounts reached	4 Post engagements	1 Reactions	0 Comments	0 Shares		
Join the community conversation on Oregon's Water Strategy tomorrow... Stream Smart - a clean water project	Boost post			Thu Jun 22, 2:53pm	54 Accounts Center accounts reached	1 Post engagements	0 Reactions	0 Comments	1 Shares		
Were you a participant at the Rogue River Clean-Up? If so, you likely... Stream Smart - a clean water project	Boost post			Thu Jun 22, 9:45am	134 Accounts Center accounts reached	28 Post engagements	11 Reactions	1 Comments	2 Shares		
Join Bee City USA-Medford, Oregon this Saturday, June 17th... Stream Smart - a clean water project	Boost unavailable			Tue Jun 13, 9:39am	54 Accounts Center accounts reached	8 Post engagements	5 Reactions	0 Comments	1 Shares		
A vote for Stream Smart is a vote for water quality monitoring... Stream Smart - a clean water project	Boost unavailable			Mon Jun 12, 2:37pm	19 Accounts Center accounts reached	5 Post engagements	1 Reactions	0 Comments	1 Shares		
Are you an Ashland Food Co-op owner/member? If so, today is the... Stream Smart - a clean water project	Boost post			Mon Jun 12, 10:09am	103 Accounts Center accounts reached	9 Post engagements	4 Reactions	0 Comments	2 Shares		
Have you checked out our upcoming events recently? We added more... Stream Smart - a clean water project	Boost post			Thu Jun 8, 4:43pm	31 Accounts Center accounts reached	6 Post engagements	3 Reactions	0 Comments	2 Shares		
Happy World Ocean Day! To celebrate, consider donating to SOLVE... Stream Smart - a clean water project	Boost post			Thu Jun 8, 9:33am	17 Accounts Center accounts reached	1 Post engagements	0 Reactions	0 Comments	0 Shares		

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 Stream Smart - a clean water project
Published by Amie Nicole Siedlecki · June 12 · 🌐

💧💧💧 A vote for Stream Smart is a vote for water quality monitoring, riparian restoration work, expanding volunteer opportunities within the Rogue Basin, and much, much more! Please consider casting a vote for Stream Smart! Thank you, [Ashland Food Co-op](#) for the fantastic opportunity to be a Change for Good partner! 💧💧💧

#streamsmartrogue



The infographic consists of three panels. The top panel shows a list of 14 organizations in various colored bubbles: Stream Smart: A Rogue Basin Clean Water Project, Ashland Climate Collaborative, Our Family Farms, KS Wild, Rogue Action Center, Cave Junction Farmers' Market, Peace House, Friends of Cascade-Siskiyou National Monument, Ashland Devo, Rogue Climate, AHS Culinary Arts Program, and Rogue River Watershed Council. The middle panel shows a larger bubble for Ashland Climate Collaborative, a smaller one for Our Family Farms, and another for KS Wild, with a yellow bar below for Cave Junction Farmers' Market. The bottom panel shows three groups of bubbles: the first group includes Ashland Devo, AHS Culinary Arts Program, and Rogue River Watershed Council; the second group includes Friends of Cascade-Siskiyou National Monument, Rogue Climate, and Siskiyou Mountain Club; the third group includes Stream Smart: A Rogue Basin Clean Water Project, Rogue Action Center (+2), and Peace House.

Ashland Food Co-op is with Rogue Climate and 11 others.
June 12 · 🌐

Hey AFC Owners! Today is the last day to vote for the next Change for Good partners!

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 Stream Smart - a clean water project.
Published by Amie Nicole Siedlecki · May 22 · 🌐

🌿🌱🍃 Look at these hardworking volunteers from Saturday's 31st Annual Rogue River Clean-Up & Let's Pull Together! event! Volunteers removed 15 cubic yards of trash and invasive weeds between Whitehorse County Park and Alameda County Park on the Rogue River. Find out more about the event here: https://www.kdrv.com/.../article_3928fc3c-f765-11ed-9304... 🌿🌱🍃

#streamsmartrogue



See insights and ads Boost post

👍❤️ 5

👍 Like 💬 Comment ➦ Share

 Write a comment... 🗨️ 😊 📷 📺 🗑️

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Examples of Other Articles, Press Releases, and Media

Salmon Watch Program Overview

The Salmon Watch program is available annually to schools in Bear Creek Valley, Greater Jackson County, and Josephine County. The program is coordinated by the Rogue Valley Council of Governments and Rogue Valley Sewer Services on behalf of local communities in Bear Creek and the Middle Rogue Watersheds (DMAs and MS4s). The program teaches students about watershed health and stewardship by learning about Salmon, what they need to be healthy and thrive, and how our decisions can impact them. The main element of the program is a field trip that brings students out to a local creek or river to learn in the field. Specifics of how the program works is discussed in the 2022 summary provided below.

Key to the success of the program is support from partners including multiple organizations (NGOs, Education Groups, and Watershed Councils), agencies, and municipalities who donate their time to the program for module instruction and provide other in kind (or direct) match to the program. For example, the Oregon Department of Fish and Wildlife donates fish for dissection, Oregon State Parks waives some permit fees, Jackson County waives parking and use fees and the Jackson Soil and Water Conservation District through direct funding. The

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match reduces overall program costs and helps us leverage additional program funding. Grants funding helps provide contractors for module instruction, supplies for the program, and transportation funding support for local schools.

In addition to the field classes, other activities conducted include recruiting schools and instructors through emails and personal contacts, program advertising and marketing, updating and completing program surveys, coordinating logistics for the program (schools, sites, programs, and instructors), obtaining permits for site use at State Parks (Tou Velle and Valley of the Rogue), managing contracts for instructors, providing reimbursements for program expenses, maintaining and stocking kits, presenting the program to schools, and other logistics. The Salmon Watch program page and resources are housed on the Stream Smart page.

<https://www.stream-smart.com/our-work/programs-and-projects/rogue-basin-salmon-watch/>

<https://www.stream-smart.com/virtual-resources/>



Fall 2022 Program Summary

In the fall of 2022, the Rogue Valley Council of Governments working on behalf of the NPDES Phase II Stormwater Communities (Ashland, Central Point, Jackson County, Medford, Phoenix, and Talent), Rogue Valley Sewer Services (RVSS), and local water quality programs (TMDLs-including Grants Pass, Josephine County, Phoenix, Talent, and Jacksonville) partnered with the Jackson Soil and Water Conservation District, Bear Creek Watershed Education Partners (BCWEP), the Rogue River Watershed Council, and others to implement the Salmon Watch Program. Classes were conducted primarily in September, October, and early November (week ending November 4th) of 2022. We also held a special session in December 2022 in partnership with a class from Logos School who participated in the eggs to fry program and released fry as

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part of the Salmon module into the Rogue River. Overall, 28 field days were conducted with 48 classes and over 1,250 students. Classes represented schools from the Bear Creek Valley, Greater Jackson County, and Grants Pass/Josephine County.

In addition, 15 organizations, agencies, and municipalities donated their time to the program and provided in kind match to the program. The match reduces program costs and also allows us to leverage grant funding for the program. Details on the class dates, field locations, schools involved, number of students, and other information (e.g., volunteer instructors) can be found in Table 1.

The 2022 Salmon Watch Program received financial support from the Jackson Soil and Water Conservation District in addition to the Bear Creek DMAs and MS4s, Josephine County, and the City of Grants Pass. We continued our partnership with the Army Corps of Engineers operating under the MOU established for the program. In addition, we continued to work with Oregon State Parks and Jackson County to waive some fees for park use (Tou Velle, Valley of the Rogue, and Cantrall Buckley). ODFW has also continued to provide fish for the dissection module in addition to donating time for training and instruction.

In addition to the field classes, there are a number of other program activities that are conducted to implement the program. Activities include an instructor training held on September 14th and 15th for both contracted educators and volunteer instructors, recruiting schools and instructors through emails, personal contacts, and at events, advertising the program, completing before and after program surveys, providing in school presentations (limited outside of RVSS' jurisdictions), coordinating logistics for the program (schools, sites, programs, and instructors), obtaining permits for site use at state parks (Tou Velle), managing contracts for instructors, providing reimbursements for program expenses (transportation, parking fees, and program equipment and supplies), maintaining and stocking kits, and other logistics.

In 2022, the program was impacted by the lingering effects of COVID with availability of volunteer instructors being more limited and restrictions in availability of buses resulting in shorter programs, especially for schools heading to McGregor. We also had several schools cancel programs which was unusual. We were able to fill 2 of the 4 cancellations.

Salmon Watch Field Day

For most classes, the format is the same in terms of timing, modules, and other logistics. There are exceptions for classes that make special arrangements (e.g., Scenic Middle School and McLoughlin Middle School).

Salmon Watch field days are scheduled for around 4.5 hours (time of classes on site) at field locations spread throughout Bear Creek and the Middle Rogue Watershed. Field sites include (although not all are used every year) Cantrall Buckley Park, Griffin Creek at Scenic Middle School, McGregor Park, Tou Velle State Park, Valley of The Rogue State Park, Reinhardt Park,

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Fish Hatchery Park, Palmerton Park, and numerous sites along Bear Creek (Bear Creek Park, Blue Heron Park, Coyote Trails Nature Center, Lynn Newbry Park, at Cascade Christian High School and North Mountain Park).

The “classic” four module model is used from the Salmon Watch Curriculum for the programs. Instructors are assigned stations to discuss Salmon Biology/Salmon Life Cycle (station 1), Water Quality (station 2), Macroinvertebrates (station 3), and Riparian Areas (station 4). Each station also has activities for students, including salmon viewing (when spawning), salmon dissection, water quality testing, macroinvertebrate sampling, native plant identification, drawing riparian cross sections and longitudinal profiles, scavenger hunts, and shade surveys. Classes are divided up into 4 groups and rotated through the stations at approximately 35 minutes, allowing every student to participate in each of the four stations. Examples of completed activity forms are included in Appendix A and an example schedule is presented below:

Schedule

9:00-9:15	Intro (Lead Instructor)
9:15-9:50	Rotation 1
9:55-10:30	Rotation 2
10:35-11:10	Rotation 3
11:15-12:00	Lunch
12:05-12:40	Rotation 4
12:45 - 1:30	Wrap-Up (Lead Instructor)

There are a few exceptions to the field day, most notably at Scenic Middle School. Due to the size of the class, the program is structured over 8 days where one module (e.g., Salmon is taught to all 5 of the 8th grade periods for the class). In addition, for smaller classes (30 students or less), we have adjusted the schedule to use only 3 instructors teaching the four sessions. One session (usually riparian) is either shared amongst the instructors or taught once by each instructor onsite.

2022 Field Day Statistics

Table 1 summarizes all of the Salmon Watch classes completed in the fall of 2022. Information on the dates, field locations, schools/districts, number of students, grade levels, number of classes, and contributing partner organizations (volunteer instructors) are included in the table.

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Table 1.1: 2022 Salmon Watch Field Trip Information

Class Number (Field Days)	Date	Location	School	Grade	Number of students	Partners (organizations providing match instructor time)
1	9/20/2022	McGregor (MG)	Abraham Lincoln Elementary	6th	52	Rogue Valley Council of Governments (RVCOG), Southern Oregon Land Conservancy (SOLC), The Freshwater Trust (TFT)
2	9/22/2022	MG	Butte Falls Charter	4th/5th	61	RVCOG, SOLC, Kid Time (KT), and Rogue Valley Sewer Services (RVSS)
3	9/27/2022	MG	Talent and Bellview Elementary	4th/5th	63	RVCOG, RVSS
4	9/28/2022	MG	Shady Cove Charter	4th/5th	39	RVCOG, RVSS
5	9/29/2022	Palmerton Park	Rogue River Elementary	5th	60	RVCOG, RVCOG, Rogue River Keeper (RRK)
6	10/3/2022	MG	Shady Cove Elementary	3rd	26	RVSS, RVCOG
7	10/4/2022	MG	Talent Elementary	4th	46	City of Rogue River and Gold Hill
8	10/5/2022	MG	Ruch Outdoor Community School	7th/8th	56	Oregon Department of Fish and Wildlife (ODFW), TFT
9	10/6/2022	MG	Roosevelt Elementary	5th	54	ODFW, RVCOG
10	10/11/2022	Tou Velle State Park (TV)	Oak Grove Elementary	4th	64	RVSS, BCWEP*
11	10/12/2022	Bear Creek at Cascade Christian	Cascade Christian High School	7th/8th	56	RVCOG
12	10/13/2021	MG	Walker Elementary in Ashland	4th	45	RVCOG, RVSS
13	10/18/2022	MG	Sams Valley Elementary	5th	44	Medford Water Commission (MWC)
14	10/19/2022	Blue Heron Park	Phoenix Elementary	4th	46	RVCOG
15	10/20/2022	MG	Phoenix Elementary	5th	55	RVSS, Kid Time
16	10/24/2022	Griffin Creek at Scenic Middle School (GC-SMS)	Scenic Middle School (SMS)	8th	125	City of Central Point (CP)

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17	10/24/2022	GC-SMS	SMS	8th	125	RVCOG
18	10/25/2022	GC-SMS	SMS	8th		CP
19	10/25/2022	GC-SMS	SMS	8th		RVCOG
20	10/25/2022	Reinhardt Park	Allendale Elementary	5th	69	RVCOG, Bureau of Land Management (BLM)
21	10/26/2022	Bear Creek at Sports Park Nature Center	Talent Elementary	4th/5th	28	BLM, SOLC
22	10/27/2022	GC-SMS	SMS	8th		RVCOG
23	10/27/2022	GC-SMS	SMS	8th		
24	10/28/2022	GC-SMS	SMS	8th		RVCOG
25	10/28/2022	GC-SMS	SMS	8th		
26	11/1/2022	TV	Kennedy Elementary	5th	69	TFT, Jackson County
27	11/3/2022	Bear Creek Park	Kids Unlimited	6th	54	TFT
28	12/15/2022	TV	Logos		30	RVCOG, RVCOG, ODFW, Rogue River Watershed Council

28

1267 Totals

Color Legend

MS4 or DMA
All. Regional Enrollment.
Medford
Phoenix/Talent
Central Point
Ashland
Josephine County/Grants Pass
Other Schools – Jackson County

Table 2: Key to Instructional Partners

Abbreviation	Organization Name	Support Detail
ACOE	Army Corps of Engineers	Site access/facility use, hand washing stations, fee waivers
BLM	U.S. Dept. of Interior, Bureau of Land Management	Module Instruction, Training Video Production, Program Site (Provolt)

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CP	City of Central Point	Module Instruction
CPRTY	Central Point Rotary	Funding Support
GH	Gold Hill	City of Gold Hill
JC	Jackson County	Site Access, Fee waivers (Cantrall Buckley), Module Instruction
JSWCD	Jackson Soil & Water Conservation District	Match Funding, Module Instruction
MWC	Medford Water Commission	Module Instruction
ODFW	Oregon Dept. of Fish & Wildlife	Module Instruction, Supplies
OSPK	Oregon State Parks	Fee waivers
KT	Kid Time	Module Instruction
SOLC	Southern Oregon Land Conservancy	Module Instruction
RR	City of Rogue River	Module Instruction
RRK	Rogue Riverkeeper	Module Instruction
RRWC	Rogue River Watershed Council	Module Instruction
RVCOG	Rogue Valley Council of Governments	Module Instruction, Coordination, Admin
RVS	Rogue Valley Sewer Services	Module Instruction, Coordination,
TFT	The Freshwater Trust	Module Instruction
BCWEP*	Bear Creek Watershed Education Partners (*Volunteers – Former Board Members)	Module Instruction

Pre and Post Program Surveys

Surveys are used to evaluate what students learned in the program and provide a measure of the effectiveness of the program. Surveys are provided to classes prior to and after the field day is completed. Any changes in survey results provide an indication of what the students learned and how effective the instructors were.

A general survey is sent out to all participants and additional surveys are provided to select classes (e.g., Scenic Middle School).

Survey Results (as of 11/18/22)

General Program Results

Before and after surveys were conducted with students from all schools except Scenic Middle School. 600 students responded to the pre-program survey and 421 responded to the post-program survey. Average scores increased from 2.82/16 (17.6% correct answers) to 5.16/16 (32.3%). Details on the results and questions frequently missed can be found below.

Pre-program

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Frequently missed questions ?

Question	Correct responses
1. What is a watershed?	257 / 600
2. Which items below can make streams unhealthy?	94 / 600
3. What is a macroinvertebrate?	244 / 600
4. What kinds of fish in the Rogue River are born in freshwater and travel to the ocean to grow to be adults and back to freshwater to reproduce?	38 / 600
5. What do salmon need to be healthy in our streams?	45 / 600
6. What is a riparian area?	176 / 600
7. Riparian areas are good for streams because:	81 / 600

Post-Program Results

Frequently missed questions ?

Question	Correct responses
2. Which items below can make streams unhealthy?	142 / 421
4. What kinds of fish in the Rogue River are born in freshwater and travel to the ocean to grow to be adults and back to freshwater to reproduce?	35 / 421
5. What do salmon need to be healthy in our streams?	89 / 421
7. Riparian areas are good for streams because:	107 / 421

Scenic Middle School

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Before and after surveys were conducted with students from Scenic Middle School. 291 students responded to the pre-program survey and 123 responded to the post-program survey. Scores increased from 6.48/22 (29.5% correct answers) to 9.68/22 (44%). Details on the results and questions frequently missed can be found below. It should be noted that the questions for the Scenic survey and general survey are different, although there is considerable overlap in the questions asked.

Pre-Program Scenic Middle School

📁 Frequently missed questions ?	
Question	Correct responses
What is the term for a fish that spends part of it's life cycle in salt water and part in fresh water	59 / 289
3. Which items below can make streams unhealthy?	55 / 291
4. What is a macroinvertebrate?	136 / 291
6. What kinds of fish in the Rogue River (and local creeks including Griffin) are born in freshwater and travel to the ocean to grow to be adults and back to freshwater to reproduce?	8 / 291
7. What is a riparian area?	123 / 291
8. Riparian areas are good for streams because:	40 / 291
9. What do salmon need to be healthy in our streams?	10 / 291
10. What is the name of the watershed we live in and Scenic Middle school is located in?	113 / 291

Post Surveys

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Frequently missed questions ?

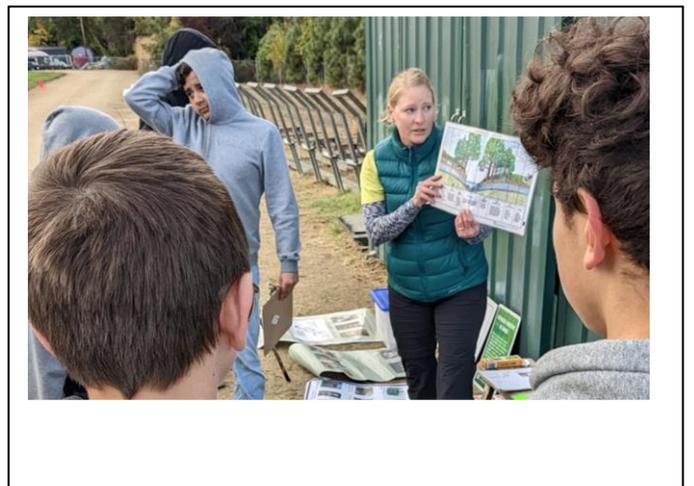
Question	Correct responses
What is the term for a fish that spends part of it's life cycle in salt water and part in fresh water	52 / 121
3. Which items below can make streams unhealthy?	38 / 123
6. What kinds of fish in the Rogue River (and local creeks including Griffin) are born in freshwater and travel to the ocean to grow to be adults and back to freshwater to reproduce?	9 / 123
8. Riparian areas are good for streams because:	17 / 123
9. What do salmon need to be healthy in our streams?	29 / 123
10. What is the name of the watershed we live in and Scenic Middle school is located in?	55 / 123

Next Steps and Recommended Program Changes

- Continue to work with municipal separate storm sewer systems (MS4), designated management agencies (DMA), Jackson SWCD, Stream Smart, and other partners to continue the program.
- Work with regional (e.g., Rogue Basin Partnership) and statewide groups (e.g., World Salmon Council) to expand the program in the Rogue Basin and tie in with statewide programs.
- Continue to add programs later in the season and in the spring as time and resources allow. Timing is to allow better coordination with ODFW in class fish program where schools grow salmon from eggs and release them later in the year. We partnered last year and are planning to expand the partnership in 2023-2024.
- Continue to expand the program by adding back in service-learning programs and bringing back the Student Education Symposium if possible (phasing programs back in).
- Use survey results to refine the program teaching points as needed.
- Continue to highlight the program as an important Regional Stream Smart Program.
- Establish geocaches at field site locations.
- Establish permanent locations for the modules at the established field locations (in development):
 - Map locations of sites, and
 - Flag areas and/or map locations of the class layouts for each field site.

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Program Photos



Appendix A: Data Sheet/Activity Examples



Salmon Watch*

RIPARIAN AREA MAPPING DATA FORM

School: BCCNLC

Date: 10/27 Time: 12:12

Weather: Cold but Sunny

Stream/Site Name: _____

Directions: Use this space to make a map of the part of the stream that you think is important (imagine the stream from a "bird's-eye-view"). Be sure to map both the aquatic and riparian zones. Draw in all the features you think are important (see Figure 1).

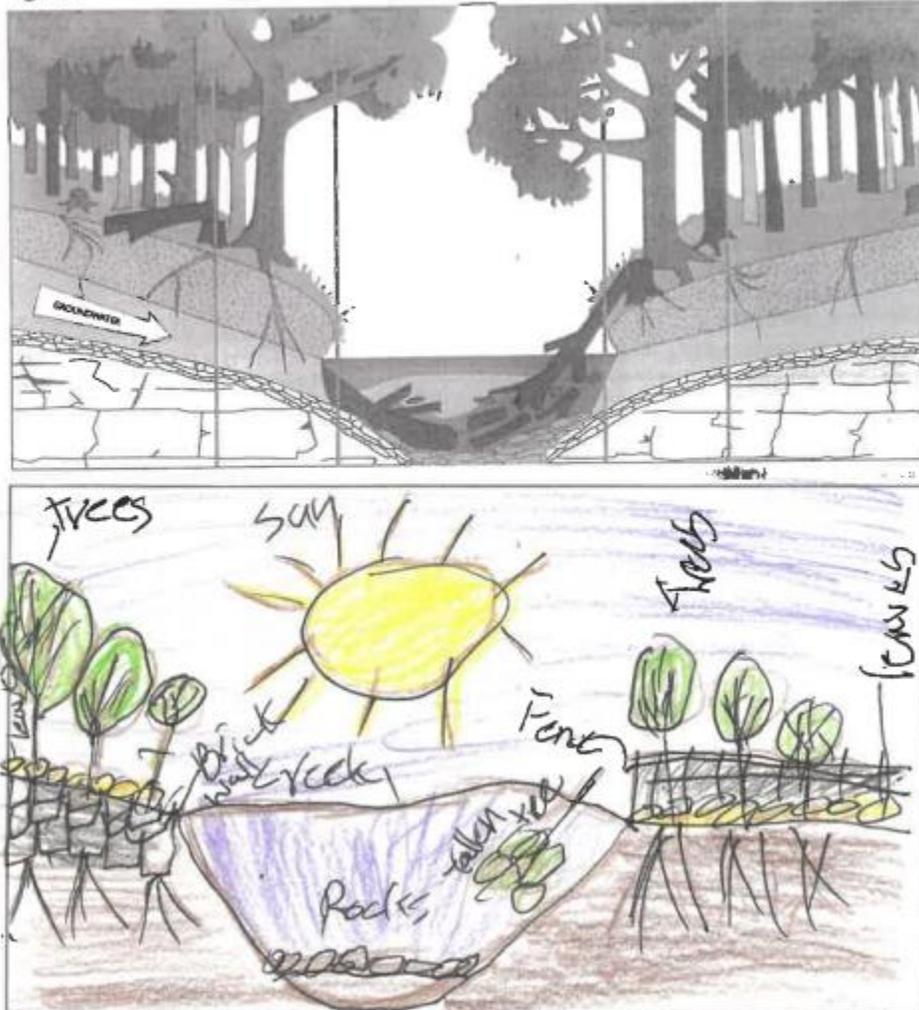
Turn over for profile activity. →



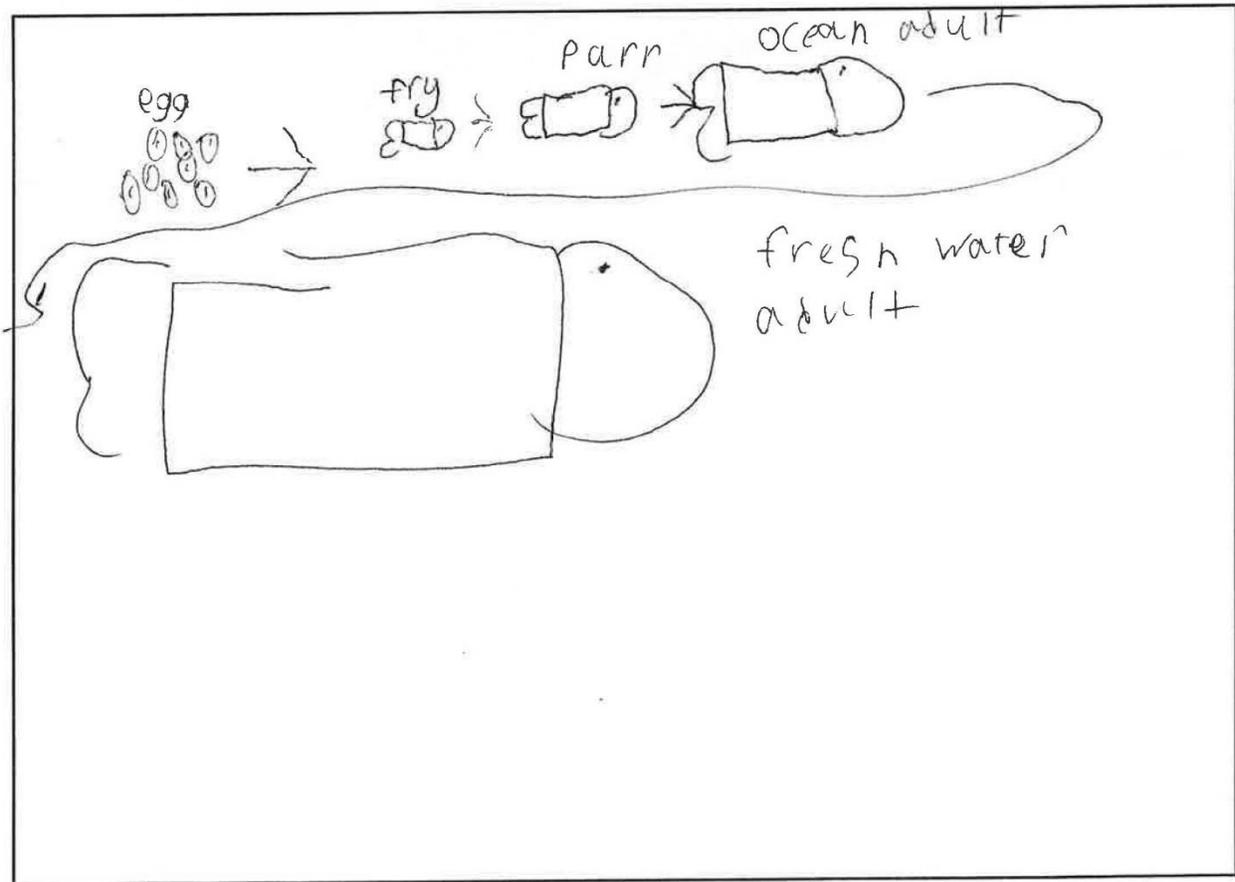
RIPARIAN AREA PROFILE DATA FORM

Directions: Pick a place along the stream that you particularly like. Draw a profile (cross-section, see Figure 2) of this place. Include the near bank, stream, and opposite bank in your drawing. If you aren't sure how to do this, ask your adult group leader. Show the water level in your drawing. Now, draw in features of the riparian zone that you think are important to salmon.

Figure 2



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Appendix B: Report Highlight Summary Fall 2022



Salmon Watch Program Summary Fall 2022

Another Successful Year in the Books!

With some continuing challenges including limited hours for bus drivers for some districts, and instructor shortage, and cancellations, we provided field trips over seven weeks, bringing students outdoors to learn about their local watersheds. Thanks to funding from the Jackson Soil & Water Conservation District, Central Point Rotary, and contributions from the water quality programs of local cities (Jacksonville, Ashland, Phoenix, Talent, Medford, Central Point, Grants Pass) and counties (Jackson and Josephine) as well as fourteen additional partner organizations we were able to provide no-cost field trips to students in grades 3rd-8th from nine school districts and five private/charter schools in the Rogue basin. Collaboration and partnership make it happen.

We could not do it without your support. Thank you!

of students served: over 1260

of schools participating: 19

**# of individual instructors contributing:
24**

Coordinating agencies:



Students learning about the importance of healthy riparian areas



Students learn at four stations:

- Salmon Biology
- Riparian Ecology
- Water Quality
- Macroinvertebrates



Students observing salmon and salmon behavior at McGregor Park

Thank you to our Salmon Watch Partners!



Southern Oregon
LAND
CONSERVANCY



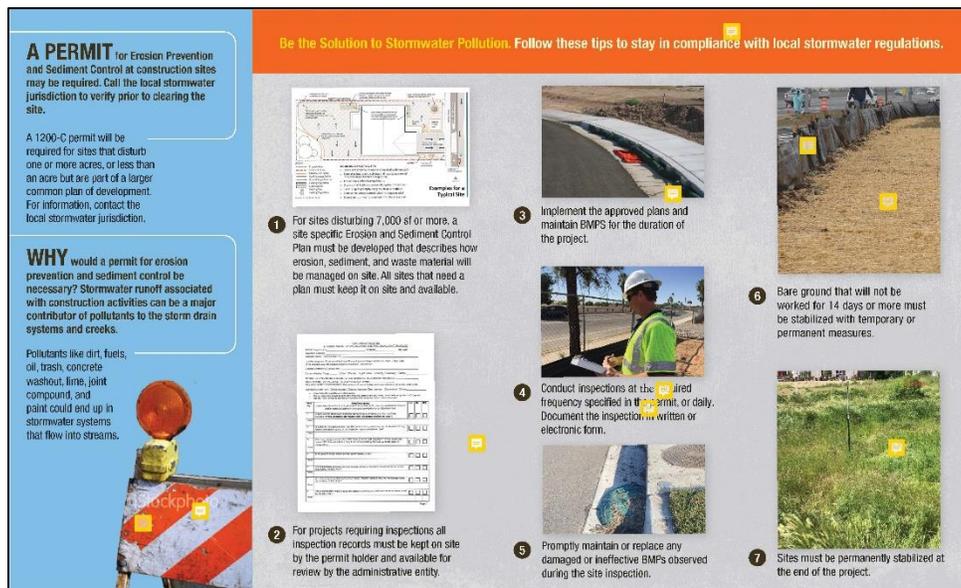
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Erosion Prevention and Sediment Control Brochure

Work continued on the Erosion Prevention and Sediment Control brochure and completed drafts were sent to Goldstreet Designs for revision. Revisions were discussed through email and on the phone, with a final design completed waiting for pictures and a final review.

The brochure is designed with a target audience of Engineers, Planners, and Contractors. It will be provided at front counters and be provided during the review and/or application process.

Current Draft (May 2023)



Brochure Distribution

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Brochure distribution and other materials (e.g., stickers) continued at events, front counters, meetings, and other areas. An estimated 500 brochures were given out during the year including at events (Earth Day). Brochure provided included the Stream Smart Post Card Series in English and Spanish, and the Stormwater Brochure. Many events are going zero free, so we are moving towards QR codes for many of our brochures and providing links to those interested. We will continue to distribute brochures and track the brochures through QR codes.

Events and Activity Summary

<i>Date</i>	<i>Event</i>	<i>Description</i>	<i>Number of People</i>
8/3/2022	Central Point Rotary Presentation	Presented on the Salmon Watch and Stream Smart Programs to Rotary members. The Rotary provided funding support for program activities including contractors and supplies.	50
9/24/2022	Stream Smart Tour	Tour of a Stream Smart restoration and education location featuring pollinator gardens.	10
3/18/23	Worldwide Walk for Water	Hosted an education booth and sponsored a day walk in conjunction with a team walk for the month. The event was in partnership with the Rogue Drinking Water Partnership (RDWP) and focused on water quality, where local drinking water comes from, and how water quality can be impacted from a number of sources including urban runoff.	20
4/2/2023	Rogue Valley Earth Day at SOU's Farm	Annual Rogue Valley Earth Day Event that was second year of the combined SOU/Rogue Valley Earth Day. The event was very well attended. We had over 250 visitors to the booth. Our booth featured the Stream Smart Program. A brief summary of activities and features included is below. <ul style="list-style-type: none"> ○ Participated in the Ecoquest Activity Program ○ Stormwater/stormwater pollutants (theme –Ms4 Program) ○ Restoration and Healthy Streams (theme – TMDL) ○ Activities <ul style="list-style-type: none"> ▪ Stormwater pollutants identification and solutions ▪ Mazes (SW and Goat Head) ▪ Restoration Habitat Identification 	1,000+
4/21/23	Earth Day at Rogue	Staffed a booth at RCC Redwood Campus to provide students and residents information about the Stream Smart program focused on volunteering and Clean-ups.	40

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	Community College		
5/19/23	N2nN Event	Attended a Network-to-Network event representing the Stream Smart program and how partnerships and collaboration could be increased across the Rogue Basin by a number of sectors.	50
6/22/23	Work for the Rogue Event	Represented Stream Smart and staffed a booth focused on resources and opportunities the program has including volunteer activities, contracted positions (e.g., Salmon Watch), and internships.	20

Working with local schools

The Regional Phase II program promotes, coordinates, creates, updates, and maintains materials, equipment to lend to schools including education kits, microscopes, and other resources. In addition, the program also works with schools directly for presentations, and with partners and programs that provide programs with schools. We had 7 programs (not including the Salmon Watch field days in the summary) reaching 375 participants.

Date	School/Partner	Equipment	Number of Participants
September through November 2022	Varies	All Salmon Watch Kits. Used to implement the Salmon Watch Program.	Detailed in Salmon Watch section and Salmon Watch report (over 1,260)
December 2022	LOGOS/ODFW	Used Salmon Watch Kits (macros, water quality) in partnership with the release of Salmon Fry as part of the Eggs to Fry Program.	250
Spring and Fall	CTE Board meetings with Crater Renaissance Academy (CRA)	Provide support on equipment needed to train students for future careers in natural resources.	25
2/9/23	Talent Home School Program	Loaned macro kits for use in Wagner Creek	12
4/3/23	S.O.R.E (Southern Oregon Regional Envirothon)	Hosted the aquatic ecology testing station (water quality and macros). In addition, provided an update on the Stream smart Program, volunteer activities, and educational program including Salmon Watch.	55

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December 2022– May 2023	OSU Extension – Student Watershed Assessment Team	Macro and Water Quality Kits. Survey 1-2-3 forms. Online maps.	20
January – April 2023	Internship with CRA student to develop and implement early actions of an Adopt-A-Greenway Plan for the Stream Smart Section in Central Point.	Tools for planting and maintaining the site. Clean-up supplies.	1
5/6/23	Southern Oregon Land Conservancy	Loaned water quality kits for a field program with Latinx youth.	22

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PUBLIC INVOLVEMENT & PARTICIPATION (PI/PP)

Description

The PI/PP program provides opportunities for the public to participate in the development of the SWMP control measures. Table 3 shows PI/PP activities that meet the general permit requirements. Activity details for the implementation year are below the table.

Activity	Regional Activity	Current Activity	New Activity/ Materials	Audience(s)			Permit Year				
				Public, Homeowners, HOA's, Schools, Businesses (Target Audience #1)	Local Elected Officials, Land Use Planners, Engineers (Target Audience #2)	Construction Site Operators (Target Audience #3)	1	2	3	4	5
Public involvement & participation in development of SWMP											
Public will be invited to meetings (as appropriate) including quarterly SWAT meetings	X	X		X	X	X					
Hold workshops, Council work sessions, open houses, and/or other meetings to provide an opportunity for the public input, comment, and participation in the SWMP Development.	X		X	X	X						
Website											
Stream Smart	X	X		X	X	X					
RVCOG	X	X		X	X						
MS4s - SWMP, permit holders SWMP implementation, contact information, illicit discharge complaints and reports		X		X							
Stewardship Opportunities (Outreach Goal – 1,000+ participants per year)											
Adopt A River/Creek Clean-ups	X	X		X	X						
Salmon Watch	X	X		X	X						
Volunteer Planting Events/Riparian restoration	X	X		X							
Add new and/or replace worn/missing storm drain markers with volunteers	X		X	X							
LID/GI facility maintenance and training on proper maintenance/enhancement with volunteers	X	X		X				X		X	
Other volunteer activity	X	X	X	X	X						

Shading indicates when activity taking place.

SWAT Meetings

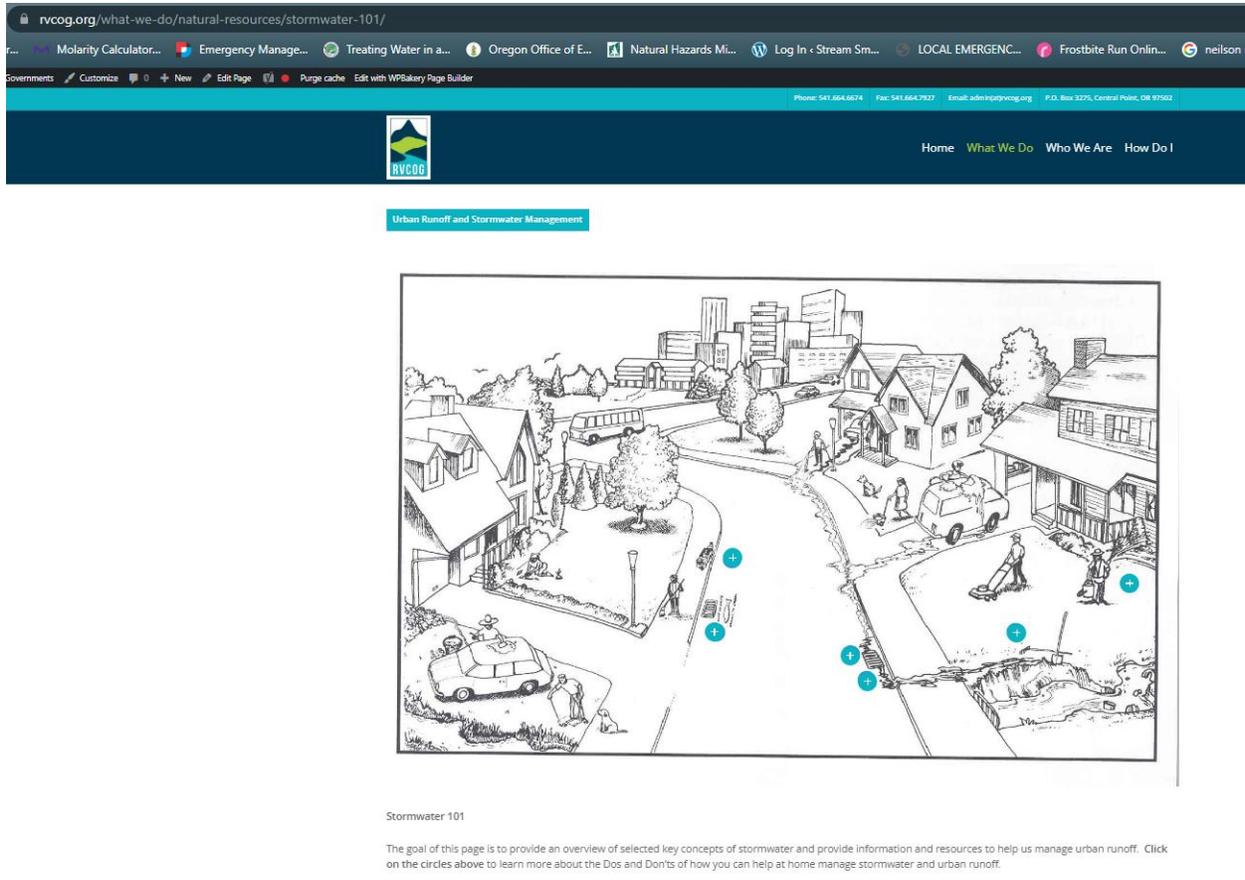
Quarterly SWAT meetings were held in July, October, January, and April. Updates on the PE/PO and PI/PP programs were provided at all 4 meetings by the Rogue Valley Council of Governments. Copies of the reports are available online on the TMDL pages or Stormwater pages on the RVCOG website.

Websites

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Updated the stormwater material on the RVCOG website and stormwater related pages.

- Stormwater 101 - <http://rvcog.org/what-we-do/natural-resources/stormwater-101/>



The screenshot shows a web browser displaying the RVCOG website. The address bar shows the URL rvcog.org/what-we-do/natural-resources/stormwater-101/. The page features a navigation menu with links for Home, What We Do, Who We Are, and How Do I. Below the navigation is a header for 'Urban Runoff and Stormwater Management'. The main content area contains a large illustration of a residential neighborhood with various activities and stormwater management practices. Below the illustration, the text reads: 'Stormwater 101' and 'The goal of this page is to provide an overview of selected key concepts of stormwater and provide information and resources to help us manage urban runoff. Click on the circles above to learn more about the Dos and Don'ts of how you can help at home manage stormwater and urban runoff.'

This website is the main overview page for MS4 related content on the RVCOG website. It has general information on stormwater, the six minimum control measures, and links to most of the programs active brochures including the Stream Smart Pledge Cards, Yard Care, Concrete, Paint, and the older version of the Erosion Brochure. The page also contains links to resources, the regional design manual (<http://rvcog.org/what-we-do/natural-resources/stormwater-101/rogue-valley-stormwater-quality-design-manual/>) and using the car wash kit (<http://rvcog.org/what-we-do/natural-resources/stormwater-101/car-wash-kits/>)

Updates and work on the Stream Smart website were covered previously. Direct information related to stormwater can be found at <https://www.stream-smart.com/our-work/programs-and-projects/urban-runoff-stormwater-management/>. In addition, copies of stormwater brochures are available on the resources page (<https://www.stream-smart.com/our-work/resources/>).

Bear Creek Clean-ups

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Annual creek clean ups are conducted as part of the MS4 Public Involvement and Participation programs in partnership with other programs. Clean-ups are scheduled twice a year in April and September. A summary of the September 2022 event and examples of outreach material and advertising is presented below. 108 volunteers participated in the event.



Bear Creek Stewardship Day: September 24th, 2022

The Bear Creek Stewards is a collaboration of individuals and organizations that promote a thriving Bear Creek Greenway corridor through the convergence of art, environmental stewardship, and recreation. Since 2015, the group has organized a Bear Creek Stewardship Day clean-up every April and September, with the exceptions of the April 2020 event (which was canceled due to COVID-19) and the September 2020 event (which was canceled due to the Almeda Fire).

The Bear Creek Stewards hosted a Stewardship Day on September 24th, 2022 as part of the Stop Oregon Litter and Vandalism (SOLVE)-sponsored spring clean-up. We want to thank the 118 volunteers that removed **4,385 pounds** of trash and **3,700 square feet** of branches, blackberry, and other invasive species during the event.

While SOLVE is the state-wide sponsor, we had several local donors for the event including Extreme Terrain, The Gordon Elwood Foundation, Jackson Soil and Water

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Conservation District, Lithia & Driveway, Medford Food Co-op, Recology, Rogue Disposal, and Starbucks.

The event ran from 9:00 am-12:00 pm and had 7 check-in locations scheduled along or near Bear Creek from Central Point to Ashland.

1. Pine Street, Central Point (Rogue Valley Council of Governments and Stream Smart)
2. McAndrews Road, Medford (Rogue Basin Partnership) **(Canceled)**
3. Hawthorne Park, Medford (City of Medford)
4. Alba Dr., Medford (Medford Food Co-op)
5. Coyote Trails Nature Center, Medford (Rogue River Watershed Council)
6. Northridge Terrace, Phoenix (Rogue Valley Sewer Services)
7. Lynn Newbry Park, Talent (Rogue Riverkeeper)
8. Wranglers Arena, North Ashland (Southern Oregon Geocaching)

Since 2015, the Bear Creek Stewards have removed more than 60,000 pounds of trash from the Bear Creek corridor. This would not have been possible without the tireless effort of volunteers. For more information about the Bear Creek Stewards visit: <http://www.bearcreekstewards.org>.



Location/Date:	Attended	Adults	Minors	Pounds of Trash	Pounds of Recycling	Invasive Species Removed
Pine Street	8	8	0	500	10	0
McAndrews Road	Canceled					
Hawthorne Park	35	32	3	2000		
Alba Drive	15	15	0	870		
Coyote Trails Nature Center	21	15	6	255		2100
Northridge Terrace	7	7	0	180	40	500
Lynn Newbry Park	7	6	1	180		1000
Wranglers Arena	25	18	7	400		
Total	118	101	17	4,385	50	3,700 sq ft

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118%	86%	14%
Attended vs registered	were adults	were under 18

Our efforts resulted in nearly 120 participants removing over 2 tons of trash and 3,700 square feet of dead plants/invasive species from approximately 9 miles of the Bear Creek Greenway corridor. Not only do these tasks lead to a more aesthetically pleasing Bear Creek Greenway, but also the potential for water quality improvements, an increase in biodiversity due to invasive species removal and native plantings, and a bolstered sense of environmental stewardship.



Changes noted between the previous 5 events:

- The percentage of children participating in events:
 - 31% were under 18 in 2019
 - 14% were under 18 in April 2021
 - 23% were under 18 in September 2021
 - 20% were under 18 in April 2022
 - 14% were under 18 in September 2022
- There are fluctuations between events with the participation no-show rates:
 - In September 2019, more people than registered participated (123%)
 - In April 2021, less people than registered participated (88%)

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- In September 2021, again, less people than registered participated (71%)
- In April 2022, more people than registered participated (104%)
- In September 2022, more people than registered participated (118%)



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Summary of Clean-Up Efforts: April 2015 – April 2023

Date	Participants	Check in locations	Miles clean up	Pounds of trash	Other tasks	Location
April 2015	81	1	1	2,000		Medford
September 2015	32	2	2	1,200		Medford
April 2016	101	3	3	1,500		Medford
September 2016	52	3	3	2,000		Medford
April 2017	118	5	5	4,800		Medford and Phoenix
September 2017	81	7	6.5	4,500		Central Point, Medford, Phoenix, and Talent
April 2018	191	8	7	5,100	0.25 acres of blackberry removed	Medford, Phoenix, Talent, and Ashland
September 2018	93	8	7	4,000	0.5 acres of blackberry removed	Medford, Phoenix, Talent, and Ashland
April 2019	232	9	8	5,600	1 acre of blackberry removed	Central Point, Medford, Phoenix, Talent, and Ashland
September 2019	167	11	10	3,345	Planted 420 plants and removed 10 cubic yards of blackberries	Central Point, Medford, Phoenix, Talent, and Ashland
April 2021	215	8	10	6,960	100 plants mulched, 480 lbs of dead juniper removed, over 1/3 acre of blackberries removed,	Central Point, Medford, Phoenix, Talent, and Ashland

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					and 500 lbs of metal recycled	
September 2021	173	9	10.5	7,605	Weeded, 1000 square feet of invasive plants removed, 20 plants mulched, removed dead pine branches and limbs, Trees of Heaven (invasive species), and blackberry brambles and vines	Central Point, Medford, Phoenix, Talent, and Ashland
April 2022	180	9 scheduled *2 canceled	9	7,860	Pollinator garden planted and maintained, invasive plant removal, weeding, mulching, and graffiti removal	Central Point, Medford, Phoenix, Talent, and Ashland
September 2022++	118	8 scheduled *1 canceled	9	4,385	Pollinator garden weed removal, watering planted conifers, invasive plant removal, mulching, trash removal	Central Point, Medford, Phoenix, Talent, and Ashland

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April 2023	200	8	8	7,000	Pollinator garden weed removal, watering planted conifers, invasive plant removal, mulching, trash removal	Central Point, Medford, Phoenix, Talent, and Ashland
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++Attendance was lower at this year’s event, however there were two other events going on locally at the same time. Ride the Rogue and the Multi-Cultural Fair were both being held at the same time and it impacted attendance. We will look into moving our event to the week earlier next year as to not conflict with both events in the future.

Other Volunteer Activities

Six volunteer events were completed in partnership with the Stream Smart Program, TMDL Program, and Jackson County to help stabilize the area burned by the Almeda fire. Activities included manual seeding, spreading straw, picking up garbage, and planting willow staking. We held six volunteer events reaching 108 people.

<i>Date</i>	<i>Activity</i>	<i>Number of Volunteers</i>
1/28/2023	Willow Staking at Northridge Terrace	25
2/25/23	Pollinator Clean-up and Maintenance Day with Phoenix High School	15
3/17/2023	Willow Staking at Lone Pine Creek	20
3/18/23	Worldwide Walk for Water Clean-up	20
3/18/23	Pine planting with Crater High School	8
6/25/2022	Clean-up and Plant Stewardship Event at the Adopt-A-Greenway Section	20
Total		108

Miscellaneous Activity Summary

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As part of the Phase II implementation programs, we also have some additional activity that we work on including several online maps that track program activities and surveys that document hot spots, and visual inspections of storm drains.

Implementation Maps (in development/ongoing)

Base Map

<https://rvcog.maps.arcgis.com/apps/mapviewer/index.html?webmap=adbb31b9ef8d4e8690bef7392edd1349>

App (Interactive Base Map)

<https://rvcog.maps.arcgis.com/apps/instant/nearby/index.html?appid=ab8b849b05b84baa99a831324f20006c>

Storm Drain Visual Survey Form

<https://arcg.is/1TyLun>

Link to Survey form with Results – Last survey June 29th, 2023

<https://arcg.is/1LTSKW0>

Agencies, Groups, sponsors, and funders that RVCOG worked with on stormwater and water quality issues and volunteering for program activities:

- Bear Creek Watershed Education Partners (a former 501c(3) organization, now just a volunteer organization)
- Oregon Department of Fish and Wildlife
- Oregon State Parks
- Regional Environmental Education Leaders (REEL)
- Freshwater Trust (TFT)
- Rogue River Watershed Council (RRWC)
- Rogue Basin Partnership (RBP)
- Cooperative Weed Management Areas (CWMAs) in Jackson and Josephine County
- Local schools – elementary, middle school, and high school, public and private
- Local Scouts (clean-ups)
- Southern Oregon Education Service District
- Jackson Soil and Water Conservation District (SWCD)
- Rogue Riverkeeper (RRK)
- Bureau of Land Management (BLM)
- U.S. Army Corps of Engineers (ACE)
- Medford Water Commission (MWC)
- Scenic Middle School (SMS)
- SOLVE
- Southern Oregon Land Conservancy (SOLC)

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- Crater Renaissance Academy
- Applegate Partnership
- Gordon Elwood Foundation
- Local communities (Ashland, Talent, Phoenix, Medford, Central Point, Jacksonville, Grants Pass, and Rogue River)
- Jackson and Josephine Counties
- Rogue Valley Sewer Services
- North Mountain Park
- Local Geocachers
- Rogue Drinking Water Partnership
- Kid Time
- Extreme Terrain
- Grants Pass Clinic
- Lithia Motors, Inc.
- Medford Food Co-op
- Phoenix-Talent School District
- Recology
- Rogue Disposal
- Starbucks