Education/Outreach Report and Implementation Activities– January 2024

Stream Smart (TMDL and Stormwater Education, Volunteer Programs. Public Involvement and Participation)

- Activity Updates
  - *Meetings*
    - *Individual website related meetings*
      - *Funders and About Stream Smart*
      - *RDWP*
      - *Stormwater*
  - *Activities (1746 students, partners, and public reached)*
    - *Salmon Watch main season concluded in November*
      - *1706 students reached*
      - *32 field days*
      - *28 schools*
    - *Salmon Watch Open House – November 29th*
      - *20 attendees*
      - *Feedback and recommendations from instructors, partners, and other attendees*
    - *Salmon release -December 14th with LOGOS school, SOLC, and RVSS*
      - *20 students*
  - *Volunteer Events (40 students, 80 native species planted pollinators and natives)*
    - *December 15th planting (40 pollinators and 40 natives) with Crater High School at Peninger/Adopt-A-Greenway section. 40 students*
    - *Worked with Cascade Christian High School on developing a pollinator garden at the school. Provided 20 plants for the garden.*
    - *Early planning for clean-ups. Some post planning meetings for Bear Creek*
      - *Bear Creek April 20th, 2024*
      - *32nd Annual Rogue River Clean-up May 18th, 2024*
      - *Meetings and site visit for Gold Hill and Rogue River (discussion meetings only, no dates currently planned)*
  - *Website*
    - *Major edits to the funders, RDWP, and other sections*
    - *Posts*
      - *1-2 per week goal*
      - *Field runs, share stories, events (Crater Planting), partners posts, ideas for National Day of Service*
    - *Blogs*
      - *Return of the Salmon (Oct)*
      - *Salmon watch Success (Dec)*

        - *Volunteer in the New Year (Jan 2024)*
    - *Other*
        - *OSU Extension*
            - *Borrowing kit for monitoring of Peninger Fire*
            - *Data on regional map*
        - *Crater High School*
            - *Careers in Technical Education (CTE) Board Meeting*
            - *Water Quality Meter set up and training*
        - *Funding and Stream Smart Items*
            - *Funding*
                - *Ashland Co-Op Donation Program (Change for Good) approved for 2023-2024. June 2024.*
            - *New dog poop bag dispensers (150)*

NPDES Phase II

- EPSC Brochure
    - Completed. Two versions available (in house printing or commercial printing).
    - Contact Greg if you did not receive a copy or link.
- Meetings
    - Attended the CRC Forum on Nov 29th.
    - Using Follow the Water for Stream Smart Posts
- Web – working updates/updates
    - Stormwater programs on Stream Smart
        - Link to MS4 preferred location
        - List of contact(s)
    - Stormwater 101 (RVCOG)
        - Updated (brochures)
        - SWAT Placeholder
- Presentation to TRAILS outdoor school (Ashland) on October 16th – 50 students
- Brochure Distribution ongoing
    - Event driven, front counters, libraries
    - 50 Stream Smart Stickers, 50 Poop Pledge Cards (English and Spanish) and 10 dog poop dispensers at the Salmon Release Event
    - NOAA Fish Brochures, Pledge Cards at Salmon Watch Debrief (50 copies)
    - Poop Dispenser distributed - 45
- Tracking of implementation activities using survey 1-2-3
    - Survey for features (LID and BMP)
        - https://rvcog.maps.arcgis.com/apps/mapviewer/index.html?webmap=018eec42042b4216b7812956b974593f

- Activities map (TMDL and Phase II)
  - https://rvcog.maps.arcgis.com/apps/mapviewer/index.html?webmap=d8fb1ae656254f8a92d78dff3545782d

TMDL- Regional Implementation Actions

- General TMDL
  - Coordinating the CWMA (Jackson and Josephine Counties)
    - Next meeting February 28th
    - Newsletter (every other month)
    - State Weed grant applications – Garlic Mustard, Aquatic Weeds
    - Title II funding for CWMA coordination
    - WIN Network Coordination
  - Bear Creek Natural Resources Plan
    - Being expanded for wider use along the corridor
    - Meeting in December to review Riparian Condition Zone (RCZ) concepts corridor wide.
  - Riparian Maps
    - https://rvcog.maps.arcgis.com/apps/instant/interactivelegend/index.html?appid=187846d86be84230b5493c9905e78b7a&locale=en
    - https://rvcog.maps.arcgis.com/apps/instant/nearby/index.html?appid=7b64357d6e364e9eb5fc7c5829b3f0a9&locale=en
  - Implementation Tracking Maps
    - https://rvcog.maps.arcgis.com/apps/mapviewer/index.html?webmap=d8fb1ae656254f8a92d78dff3545782d
- Monitoring/Monitoring Related
  - Monthly TMDL runs
    - Phosphorus analysis (April-Oct)
  - Storm drains (3 times per year)
    - Storm drain inspection (Survey 1-2-3) in June in addition to sample collection (dry)
  - Hot spot
    - Part of the TMDL program.
    - Serve as contact for water quality concerns.
    - Follow up and investigate. Collect samples and track.
    - Report as needed.
    - Inventory and map.
  - Almeda Fire Monitoring – Reporting
  - White City Patrols (MWC)
- Bear Creek Restoration Initiative (BCRI) – Restoration Activities

  - General Coordination of advisory team
  - TMDL restoration needs and activities included in the program (restoration)
  - Bear Creek Restoration Summit on November 2nd
  - Updated maps on BCRI activity
    - Restoration
    - Invasive Species work (completed, ongoing, planned)
    - General Riparian Conditions (Future)
    - Priorities and other general information
  - AC Meetings (first Wednesday) – Next one in March.
  - Working groups – restoration, pollinators, stakeholder engagement, work force?
- Volunteer Activities/Restoration
    - Online TMDL restoration maps created (ArcGIS and searchable app)
    - Pollinator plants donated by Xerces Society (grant program)
    - Wings Across America Program
- Blogs and Articles
  - Reported under Stream Smart
  - December 24th Restoration Article in the Rogue Valley Times. The article discusses the collaborative efforts of the BCRI and its efforts to restore the Bear Creek Riparian Corridor post the Almeda Fire.
- Website updates (TMDL 101)
- Hot Spots/Calls of Concern/investigations
  - Medford – Oil in storm drain report
- Regional Project Updates/Other Meetings
  - Bear Creek Invasive Species Work (ODOT)
  - Envision Bear Creek
  - DLCD Highway 99
  - All Lands Meeting

Salmon Watch Program Summary Fall 2023

Another Successful Year in the Books!

In collaboration with partners and volunteers, we were able to provide field trips over seven weeks, bringing students outdoors to learn about their local watersheds. Thanks to funding from the Jackson Soil & Water Conservation District 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 seventeen additional partner organizations we were able to provide no-cost field trips to students primarily in grades 3rd-8th from nine school districts and five private/charter schools in the Rogue basin. In addition, we taught mixed (1st through 5th) and AP high school classes. Collaboration and partnership make it happen.

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

Coordinating agencies:

# of students served: over 1706

# of schools participating: 28

# of individual instructors contributing: 34

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!!

Best Management Practices (BMPs):

BMPs are activities or procedures that are followed to prevent erosion, control sediment,and reduce polluted runoff. They shall be installed prior to initial clearing, grading, or construction work and maintained throughout a project.

All construction activities typically need to correctly implement and maintain one or more of the 5 BMPs that are pictured here depending on the scope of work and project location.

PERIMETER PROTECTION
(Silt Fencing, Straw Wattles, Filter Socks, etc…)

Good

Bad

EROSION PREVENTION

Good

Bad

CONSTRUCTION ENTRANCE

Good

Bad

STORM DRAIN PROTECTION

Good

Bad

CONCRETE WASHOUT

Good

Bad

ONLY RAIN IN THE STORM DRAIN

a Rogue Basin clean water project

STREAM SMART

cool, clean water for life

Our goal is to protect our waterways by ensuring that our streets, alleys, storm drainage systems and other rights-of-way remain clean and safe.
For more information on stormwater and stormwater resources visit:
www.stream-smart.com

STORMWATER POLLUTION PREVENTION:

EROSION PREVENTION AND SEDIMENT CONTROL

CONSTRUCTION ACTIVITIES

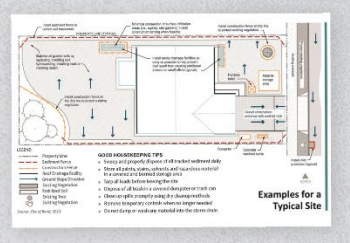
A PERMIT for Erosion Prevention and Sediment Control at construction sites may be required. Call the local stormwater jurisdiction to verify prior to clearing the site.

A 1200-C permit will be required for sites that disturb one or more acres, or less than an acre but are part of a larger common plan of development. For information, contact the local stormwater jurisdiction.

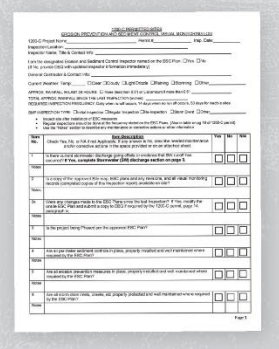
WHY would a permit for erosion prevention and sediment control be necessary? Stormwater runoff associated with construction activities can be a major contributor of pollutants to the storm drain systems and creeks.

Pollutants like dirt, fuels, oil, trash, concrete washout, lime, joint compound, and paint could end up in stormwater systems that flow into streams.

Be the Solution to Stormwater Pollution. Follow these tips to stay in compliance with local stormwater regulations.



1. For sites disturbing 7,000 sf or more, a site specific Erosion and Sediment Control Plan must be developed that describes how erosion, sediment, and waste material will be managed on site. All sites that need a plan must keep it on site and available.



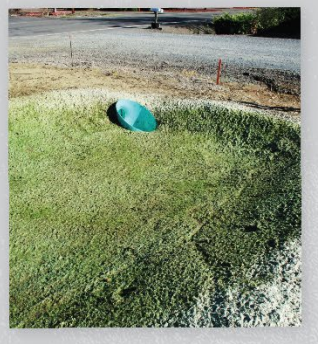
2. For projects requiring inspections all inspection records must be kept on site by the permit holder and available for review by the administrative entity.

3. Implement the approved plans and recommended BMPs.

4. Conduct inspections at the required frequency specified in the permit or daily. Document the inspection in written or electronic form.

5. Promptly maintain or replace any damaged or ineffective BMPs observed during the site inspection.

6. Bare ground that will not be worked for 14 days or more must be stabilized with temporary or permanent measures.



7. Sites must be permanently stabilized at the end of the project.