# Work Plan Outline

## Bundle 2: Water Quality Outreach

* **Prioritized actions:** 
  + **1 (G) – Voluntary Actions**: Conduct outreach to encourage implementation of voluntary, incentive based actions throughout the region, consistent with existing plans, such as the Mid-Coast Agricultural Water Quality Management Area Plan.
  + **1 (H) – Source Water Protection and Development:** Inform self-supplied and public water users and residents and businesses within public water supply areas about water supplies and water protection measures, including proper well construction and maintenance, septic system maintenance, and proper use of landscape and other chemicals.
  + **1 (J) – Source water outreach:** Conduct education in source water areas (including to those that may not be customers of the water provider) about drinking water sources, risks, choices and strategies
  + **1 (I) – Pesticide outreach:** Work with partners and agencies (e.g., Oregon State University Extension Service) to deliver information on safe pesticide application practices and vegetation management practices that reduce or eliminate pesticide use. Provide outreach on water quality impacts of pesticides and fertilizers associated with lawn management near streams and ponds. Share methods that reduce impacts and identify alternatives.
  + **1 (K) – best management practice outreach:** Connect private landowners with resources and information about best management practices to improve water quality and quantity.
* **Gaps:** 
  + potential gap in 1i, funding and approach needs to be considered. Previous workshops were mixed in attendance. Is there a specific target audience we are seeking to work on this with? Landowners, contractors, farmers, etc?
  + Gaps in funding for non-agricultural/forestry properties
  + Organizational relationships (Surfrider (Blue Water Task Force), Aquarium, Municipal Water Providers (raw water data)
* **Approach:** 
  + Mailer, flyers, and posters
  + Workshops
  + Social media engagement
  + On-Site visits
  + Visual data information - ( Water chemistry) What happens when Temperature changes.
  + 1 (I) – Pesticide outreach and education: (1) Summarize available Toxics data (see website), (2) summarize interpretation, (3) recommend the additional data needs to assess pesticides in water column over time. Solicit public input on draft plan.
* **Resources:**
  + **1 (G) – Voluntary Actions**:
    - [Agricultural Water Quality Management Area Plans](https://www.oregon.gov/oda/programs/naturalresources/agwq/pages/agwqplans.aspx)
  + **1 (H) – Source Water Protection and Development:** 
    - [OSU Extension Well Water Program (Septic and Wells)](https://wellwater.oregonstate.edu/well-water/septic-systems)
  + **1 (J) – Source water outreach:** 
    - [Coalition of Oregon Land Trusts Protecting Oregon’s Drinking Water Sources](https://oregonlandtrusts.org/wp-content/uploads/2023/07/Source-Water-Guide-June-2023-Update.pdf)
  + **1 (I) – Pesticide outreach:** 
    - [SOLVE Pest Problem](https://solvepestproblems.oregonstate.edu/)
    - [PNW Pest Management Handbooks](https://pnwhandbooks.org/weed)
    - [ODA Water Quality and Pesticides Program](https://www.oregon.gov/oda/programs/Pesticides/Water/Pages/AboutWaterPesticides.aspx)
    - [ODA Pesticide Stewardship Program](https://www.oregon.gov/oda/programs/pesticides/water/pages/pesticidestewardship.aspx)
    - [National Pesticide Information Center (Fact Sheets)](http://npic.orst.edu/npicfact.htm)
    - [Pesticide Environmental Stewardship](https://pesticidestewardship.org/wps/training-resources/)
  + **1 (K) – best management practice outreach:** Connect private landowners with resources and information about best management practices to improve water quality and quantity.
    - [NRCS Conservation Practice Standards](https://www.nrcs.usda.gov/resources/guides-and-instructions/conservation-practice-standards)
    - Ag Water Quality BMP
    - Forestry Water Quality BMPs
    - Conservation/Habitat Water Quality BMPs
    - Gardens, turf and residential BMPs
    - Stormwater BMPs
    - [Bioretention and Rain Garden BMPs](https://www.epa.gov/system/files/documents/2021-11/bmp-bioretention-rain-gardens.pdf)
* **Proposed activities:** 
  + **2025 Winter**: Living on the Land Series (LSWCD/OSU Extension) 1g, 1h, 1k, 1i
  + **2025 Fall** Manure Management Workshop Series (LSWCD/ODA) 1k
  + **2025** Beaver and LWD Brochure (MCWC) 1g and 1k
  + **2025-2026** Schooner Creek Source Water Conservation Outreach (LSWCD/Lincoln City Public Works) 1h, 1j, 1k
  + **2025** School Field Trip Water Conservation Station (ODFW) 1j
  + **2025-2029** River Float Series (LSWCD) 1g/1i/1j/1k
  + **2025 - 2028 Summer** Title II Weeds Mailers (LSWCD) 1i
  + **2025 - 2030** Landowner Technical Assistance site visits (LSWCD/MCWC/NRCS) 1g, 1h, 1k
  + **2025 - 2029** NRCS Siletz NWQI Source Water Outreach (Forestry and Ag eligible properties) (LSWCD/NRCS) 1g, 1h, 1k
  + **2024 - 2026** DEQ Coastal Partners for Drinking Water Protection Workshop Series (DEQ) 1h, 1k, 1j
  + **2024 - 2025** City of Newport Drinking Water Protection Plan Meetings (City of Newport)
  + **2024 - 2030 Quarterly** Siletz Watershed Meetings (MCWC) 1g, 1h, 1j
  + **2024 - 2030** Wild Things, Bloom, Toledo Boat Show and other community events/festivals (MCWC/LSWCD) 1g, 1h, 1k, 1j
  + **2024 - 2030** Farmers Markets (MCWC/LSWCD) 1g, 1h, 1k, 1j
  + **2024-2030 Fall** Salmon River Cleanup (MCWC) 1g, 1h, 1k, 1j
  + **2024-2030** **Summer** Siletz River Cleanup (MCWC) 1g, 1h, 1k, 1j
  + **2025 - 2030** Midcoast Water Quality Conservation Brochure (LSWCD/MCWC) 1g, 1h, 1k, 1j
  + **2025 - 2030** Midcoast Water Quality Monthly Social Media Outreach (LSWCD/MCWC) 1g, 1h, 1k, 1j
  + **2025 - 2030** Midcoast Watersheds Council Community Meeting Quarterly Water Quality Topics (MCWC) 1g, 1h, 1k, 1j
  + **2025 - 2030** Social Media Outreach and Education on Water Quality (Monthly) (LSWCD/MCWC) 1g, 1h, 1k, 1j
  + **2025 - 2030** MCWC Volunteer Conservation Events (MCWC) 1g, 1h, 1k, 1j