

**DMA Name:**  
**Subbasin:**

**Polk County**  
**Mid & Upper Willamette**

**Receiving Waterbodies:**

**Willamette River, Luckiamute River, South Yamhill River,  
Rickreel Creek, Glenn Creek, Gibson Creek, Spring Valley Creek, Ash Creek  
Hartman Slough, as well as tributaries to those waterbodies within the jurisdiction of Polk County**

Management Category	Strategy	Measure	Timeline	Benchmark	Cost Analysis	Tracking and Assessment	REPORTING FOR 2023
<b>Pollution Prevention and Good Housekeeping for County Operations</b>							
<i>ex. Roads, ditches, outreach activities..</i>	<i>What is being done, or what will Polk County do to reduce and/or control pollution emanating from this source?</i>	<i>How will Polk County demonstrate successful implementation or completion of this strategy?</i>	<i>When will the strategy begin? Be completed?</i>	<i>What intermediate goals will be achieved, and by when, to know progress is being made?</i>	<i>Additional resources necessary to implement strategy &amp; how resources will be obtained. Funding Source for additional required resources.</i>	<i>How will the County track the implementation of activities?</i>	
1 Ditches	Prevent erosion by maintaing vegetation in ditches. For example, ditches are mowed to control overgrowth and keep ditches in good working order.	Number of hours of mowing and ditch maintenance that was performed.	Ongoing	N/A	Public Works Operational Budget	Track activities using IRIS. Report measures in TMDL annual report.	In 2023 staff reported 1570.5 hours mowing and brushing vegetation.
2 Ditches	Add riprap as needed to slow the velocity of water and prevent erosion in ditches.	Track staff hours & number of projects that used riprap.	Ongoing	N/A	Public Works Operational Budget	Track activities using IRIS. Report measures in TMDL annual report.	In 2023 staff reported 0 projects that used riprap.
3 Ditches	Install rock weirs on slopes to control flow velocity and prevent erosion.	Track staff hours & number of projects that used riprap.	Ongoing	N/A	Public Works Operational Budget	Track activities using IRIS. Report measures in TMDL annual report.	In 2023 staff reported 0 projects that used riprap.
4 Culverts	Culverts are upsized and replaced as needed to increase capacity or to ensure good working order. The newly installed culvert is then back filled with 1" minus aggregate to prevent erosion.	Number of culverts installed per year.	Ongoing	N/A	Inventory Cost and staff hours.	Track activities using IRIS. Report measures in TMDL annual report.	In 2023 staff reported installing 3 culverts.
6 Culverts	Pit runs are installed as standard operating procedure to armor inlets of culverts and prevent erosion.	Number of culverts that are installed with pit run.	Ongoing	N/A	Inventory Cost and staff hours.	Track activities using IRIS. Report measures in TMDL annual report.	In 2023 staff reported installing pitrun at 3 culverts.
7 Erosion control on hillsides near roads and ditches.	Bare slopes are hydroseeded to prevent sediment runoff into ditches and right-of-ways. Short grasses with deep rooting systems are selected to stabilize soil and prevent soil erosion.	Number of of projects that require hydroseeding. Services are contracted through Aklin Vegetation Management .	Ongoing	N/A	Public Works Operational Budget	Number of Aklin invoices per year.	In 2023 staff reported 0 projects that had bare slopes that required hydroseeding to prevent sediment runoff into ditches and right-of-ways.
8 Erosion control on hillsides near roads.	Hillsides near roads that have erosion are repaired and hydroseeded. Straw matting is used at inlets in ditches until hillside vegetation has re-established.	Number of projects that require hydroseeding. Services are contracted through Aklin Vegetation Management.	Ongoing	N/A	Public Works Operational Budget	Number of Aklin invoices per year and tracking of projects through IRIS.	In 2023 staff reported 0 projects required hydroseeding.

9	Roads	Prevent ongoing erosion and dust by improving gravel roads that are washboarding.	Track number of miles of road with washboarding that is fixed.	Ongoing	N/A	Public Works Operational Budget	Track activities using IRIS. Report measures in TMDL annual report.	In 2023 staff reported fixing 13.625 miles of road with washboarding.
10	Roads	Herbicides/ Pesticides near roads- the County only uses chemicals to control roads that are eroding due to vegetation. The County limits its use of chemical where they can easily enter stormwater systems or waterways.	Continue to follow protocol limiting use of herbicides and pesticides. Services are contracted through Aklin Vegetation Management Services twice per year.	Ongoing	N/A	Public Works Operational Budget	Track activities using IRIS. Report measures in TMDL annual report.	On May 11, 2023 Aklin Vegetation Management was used for Spring hose reel spraying labor and Spring hose reel spraying chemicals. On October 31, 2023 Aklin Vegetation Management was used for fall roadside application and Fall roadside chemicals.
11	Roads	Polk County allows citizens to control dust on gravel roads using lignites. This is done through a contractor chosen by the individual that has been pre-approved by Public Works. Citizens must obtain a Dust Control Permit through Polk County Public works before road work begins.	Number of Dust Control Permits issued.	Ongoing	N/A	Public Works Operational Budget	Track activities using IRIS. Report measures in TMDL annual report.	In 2023 there were 84 dust control permits issued.
12	Bridges	Erosion control measures are fixed or established as needed at the backwall of bridges. Riprap is placed at the base of the bridge to prevent scour.	Staff hours and number of projects that use riprap/tonnage of material.	Ongoing	N/A	Cost of materials and staff hours.	Track activities using IRIS. Report measures in TMDL annual report.	In 2023 staff reported 0 hours and projects that installed riprap along the base of bridges.
13	O&M program for operational source control BMPs on County-owned lands, properties, facilities, and roads as applicable.	Continue to conduct O&M activities in a manner that reduces the discharge of pollutants to rivers and streams within Polk County.	Track O&M source activities through IRIS and report	Ongoing	N/A	Public Works Operational Budget	Track activities using IRIS. Report measures in TMDL annual report.	Ongoing - In 2023 the O&M source activities were reviewed with the road crew prior to the start of a new road project.
14	O&M Program to regularly inspect and ensure proper operation of structural controls - stormwater maintenance including cleaning catchbasins, culverts, manholes, and other source controls on county lands.	Conduct preventative maintenance to keep structural controls in good working order.	Number of projects/ activities that required structural stormwater maintenance and/ or cleaning.	Ongoing	N/A	Staff Time	Track activities using IRIS. Report measures in TMDL annual report.	Ongoing - In 2023 staff reported culvert inspections and culvert cleaning, catch basin inspections and catch basin cleaning, and bridge inspections and cleaning for a total of 3480.5 hours.

**Public Education and Outreach**

	Management Category	Strategy	Measure	Timeline	Benchmark	Cost Analysis	Tracking and Assessment	REPORTING FOR 2023
15	ex. Outreach activities.	What is being done, or what will Polk County do to reduce and/or control pollution emanating from this source?	How will Polk County demonstrate successful implementation or completion of this strategy?	When will the strategy begin? Be completed?	What intermediate goals will be achieved, and by when, to know progress is being made?	Additional resources necessary to implement strategy & how resources will be obtained. Funding Source for additional required resources.	How will the County track the implementation of activities?	

16	Stormwater Sediment Runoff- Stormwater Website	Maintain a stormwater website as a method to provide information to the public. This information will include strategies for home owners and construction operators to minimize the quantity of sediment and maximize the quality of stormwater that leaves their property.	Planning staff and / or Public Works Staff will maintain the stormwater website.	Ongoing	N/A	Staff Time	Number of hits to the website.	Ongoing- Website links have continued to be maintained. Polk County's stormwater website had a total of 220 page views in 2023. The webpage can be found at <a href="https://www.co.polk.or.us/cd/building/stormwater-resources">https://www.co.polk.or.us/cd/building/stormwater-resources</a>
17	Intergovernmental agreement with Marion County to allow Polk County Citizens to dump hazardous waste at Marion County Transfer Station	Maintain intergovernmental agreement with Marion County to allow Polk County citizens to dispose of hazardous waste.	Track the number of cars that come through dump site. Tracked by zip code.	Ongoing	N/A	The IGA is funded by a 25 cent tax on all residential garbage services. Citizens are required to give their zip code when they drop their waste at the Marion County Transfer Station.	Report the number of cars that come through the Marion County Transfer Station in the annual report.	During 2023, 389 Polk County customers disposed of waste at the Marion County Facility. However, we have not yet received the total numbers from the last quarter of 2023.
18	Roads - Roadside litter. Many household products found along roadside ditches contain mercury (i.e. batteries, light bubs and electronics)	Increase awareness and solicit participation for Polk County's Adopt-A-Road program.	Provide information about Polk County's Adopt-A-Road program on the Polk County stormwater web page. Post an advertisement in a local newspaper once per year containing information on the program.	Annually	Update Polk County's stormwater website. Provide an advertisement in the local newspaper once per year.	\$450.00 per advertisement.	Keep SW website up to date. Post ad in the paper once per year.	An article was published in the local newspaper on 6/28/2023.
19	Reporting of Sediment related issues near County roads.	Updated stormwater website will encourage and facilitate the reporting of sediment related issues by directing Polk County citizens to the appropriate Department of Agriculture website.	Website will be updated with appropriate information by implementation date.	Website to be updated with reporting information by 09/03/2022	N/A	Staff time.	Number of hits to website	Ongoing- Website links have continued to be maintained and had a total of 43 page views in 2023. The webpage can be found at <a href="https://www.co.polk.or.us/pw/report-spill">https://www.co.polk.or.us/pw/report-spill</a>

**Enforcement of Prohibited Substances**

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20	ex. Roads, ditches, outreach activities..	What is being done, or what will Polk County do to reduce and/or control pollution emanating from this source?	How will Polk County demonstrate successful implementation or completion of this strategy?	When will the strategy begin? Be completed?	What intermediate goals will be achieved, and by when, to know progress is being made?	Additional resources necessary to implement strategy & how resources will be obtained. Funding Source for additional required resources.	How will the County track the implementation of activities?	

21	Ordinance to prohibit discharge of pollutants, including sediment.	Implement Polk County's unauthorized discharge restrictions in PCCO 43.057 County wide.	The Polk County Code Enforcement Officer will follow up on all complaints of potential unauthorized discharges as described in PCCO 43.057	Ongoing	N/A	Investigation into complaints of non-compliance with PCCO 43.057 will be absorbed within the Code Enforcement Program.	Number of Code Enforcement complaints received each year related to illicit discharge.	Ongoing- one (1) code enforcement complaint was submitted in December of 2022, but was resolved in 2023 that involved illicit discharge into a storm drainage system.
22	Ordinance for Riparian Setbacks in Polk County.	Continue implementation of the riparian setbacks required by PCZO 182.050(B) across Polk County. Riparian vegetation stabilizes soils and helps to prevent the degradation and release of sediments containing mercury into rivers and streams. This reduces the amount of methylated mercury that is absorbed by fish as it passes over their gills.	The Planning Division will maintain an accessible inventory of county riparian management plans. The inventory will contain the following information: location, affected water bodies, and an estimated size of riparian vegetation gain vs. loss.	Ongoing	N/A	Application Fees.	Track applications that require riparian management plans.	Ongoing- Polk County has continued to maintain the riparian management plan inventory. During 2023, two (2) applications were submitted and approved that required riparian management plans. The management plans were for projects that involved the removal invasive weeds and replanting with native species, and the removal of hazardous trees.
23	Enforcement of Ordinances	Chapter 50 of Polk County's Code of Ordinances gives Polk County the legal authority to enforce ordinances.	The Polk County Code Enforcement Officer will follow up on all complaints that required the enforcement of county ordinances.	Ongoing	N/A	N/A	Number of Code Enforcement complaints received each year related to illicit discharge.	Ongoing- six (6) code enforcement complaints were submitted in 2023 that were related to potential illicit discharge.

**Construction Site Runoff Control**

	Management Category	Strategy	Measure	Timeline	Benchmark	Cost Analysis	Tracking and Assessment	REPORTING FOR 2023
24	<i>ex. Erosion/ sediement control...</i>	<i>What is being done, or what will Polk County do to reduce and/or control pollution emanating from this source?</i>	<i>How will Polk County demonstrate successful implementation or completion of this strategy?</i>	<i>When will the strategy begin? Be completed?</i>	<i>What intermediate goals will be achieved, and by when, to know progress is being made?</i>	<i>Additional resources necessary to implement strategy &amp; how resources will be obtained. Funding Source for additional required resources.</i>	<i>How will the County track the implementation of activities?</i>	
25	Increase awareness of 1200-C and 1200-Z permit requirements.	Train planning staff about 1200-C and 1200-Z stormwater permit requirements. Include findings and conditions in land use decisions when it is determined that a 1200-C or 1200-Z permit is required.	Number of Land Use Decisions issued, which involve a project that requires a 1200-C or 1200-Z permit prior to construction/operation.	Ongoing	N/A	N/A	Number of land use decisions issued that contain findings related to a 1200-C or 1200-Z Stormwater Permit.	Ongoing- Five (5) Land Use Decisions were issued in 2023 which included findings about the need for either a 1200-C or 1200-Z permit.

26	Implement Polk County's Erosion and Sediment Control Protections in PCCO 80.133 with every building permit within Polk County.	Apply PCCO 80.133 to all applicable building permits to minimize construction site runoff.	Application of PCCO 80.133 to all applicable building permits (New and re-development that is 1 acre and greater.)	Ongoing	N/A	N/A	Number of building permits that triggered the application of PCCO 80.133.	Ongoing- PCCO 80.133 requires all construction stormwater DEQ permits to be obtained prior to issuing a building permit. In 2023, 10 building permits were issued that required a 1200-C permit. <a href="https://www.co.polk.or.us/sites/default/files/fileattachments/board_of_commissioners/page/2705/chapter_80_building_code_2011.pdf">https://www.co.polk.or.us/sites/default/files/fileattachments/board_of_commissioners/page/2705/chapter_80_building_code_2011.pdf</a>
27	Promote use of erosion and sediment control BMPs for development that is less than one acre.	Every building permit that is issued will include a web link to Polk County's document titled Guide to Erosion and Sediment Control during Construction Activities.	Track number of building permits that are issued that include this web link.	Ongoing	N/A	N/A	Number of building permits issued.	159 building permits were issued that included the web link to Polk County's document titled Guide to Erosion and Sediment Control during Construction Activities.