

**DMA Name:** Polk County      **Receiving Waterbodies:** Willamette River, Luckiamute River, South Yamhill River,  
**Subbasin:** Mid & Upper Willamette      Rickreal 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
<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>
1	Ditches	Prevent erosion by maintaining vegetation in ditches. For example, ditches are mowed to control overgrowth and keep ditches in good working order.	<b>*Revised*</b> Number of hours of mowing and brushing ditch maintenance that was performed.	Ongoing	N/A	Public Works Operational Budget Track activities using IRIS. Report measures in TMDL annual report.
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.
3	Ditches	<b>*Revised*</b> Install rock weirs on slopes 4 - 6" rock in ditches to control flow velocity and prevent erosion.	<b>*Revised*</b> Track staff hours & number of projects that used riprap. tons of 4 - 6" rock used.	Ongoing	N/A	Public Works Operational Budget Track activities using IRIS. Report measures in TMDL annual report.
4	<b>*Revised*</b> Ditches	<b>*Revised*</b> Prevent erosion by maintaining ditches. For example ditch cleaning and grader ditching.	<b>*Revised*</b> Track staff hours used for ditch cleaning and grader ditching	<b>*Revised*</b> Ongoing	<b>*Revised*</b> N/A	<b>*Revised*</b> Public Works Operational Budget <b>*Revised*</b> Track activities using IRIS. Report measures in TMDL annual report.
5	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.
6	Culverts	<b>*Revised*</b> Pit runs 4 - 6" rock is 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.
7	<b>*Revised*</b> Culverts	<b>*Revised*</b> Prevent erosion by maintaining culverts. For example culvert inspections and repairs.	<b>*Revised*</b> Number of staff hours used to perform culvert maintenance.	<b>*Revised*</b> Ongoing	<b>*Revised*</b> N/A	<b>*Revised*</b> Inventory Cost and Staff Hours <b>*Revised*</b> Track activities using IRIS. Report measures in TMDL annual report.

8	<del>*Revised*</del> 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.	<del>*Revised*</del> Number of projects that require hydroseeding. Services are contracted through <del>Aklin</del> various contractors for vegetation management .	Ongoing	N/A	Public Works Operational Budget	<del>*Revised*</del> Number of <del>Aklin</del> contractors invoices per year.
9	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.	<del>*Revised*</del> Number of projects that require hydroseeding. Services are contracted through <del>Aklin</del> various contractors for vegetation management.	Ongoing	N/A	Public Works Operational Budget	<del>*Revised*</del> Number of <del>Aklin</del> contractor invoices per year <del>and tracking of projects through IRIS.</del>
10	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	<del>*Revised*</del> Track activities using <del>IRIS</del> using Excel. Report measures in TMDL annual report.
11	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	<del>*Revised*</del> Track activities using <del>IRIS</del> with invoices. Report measures in TMDL annual report.
12	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	<del>*Revised*</del> Track activities using <del>IRIS</del> using Excel. Report measures in TMDL annual report.
13	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.	<del>*Revised*</del> Staff hours and <del>number of projects that use riprap.</del> Track the tonnage of material used.	Ongoing	N/A	Cost of Materials and Staff Hours.	Track activities using IRIS. Report measures in TMDL annual report.
14	<del>*Revised*</del> O&M BMP Training Program for operational source control BMPs on County-owned lands, properties, facilities, and roads as applicable.	<del>*Revised*</del> Continue to Conduct O&M training activities in a manner that reduces the discharge of pollutants to rivers and streams within Polk County before the start of a new project.	<del>*Revised*</del> Track O&M source trainings through IRIS a-sign in sheet and report.	Ongoing	N/A	<del>Public Works Operational Budget</del> Staff Hours	<del>*Revised*</del> Track activities using <del>IRIS</del> Excel. Report measures in TMDL annual report.
15	<del>*Revised*</del> O&M BMP Implementation	<del>*Revised*</del> Implement O&M BMPs in a manner that reduces the discharge of pollutants to rivers and streams within Polk County.	<del>*Revised*</del> Track the number of Staff hours used to implement BMPs.	<del>*Revised*</del> Ongoing	<del>*Revised*</del> N/A	<del>*Revised*</del> Staff Time	<del>*Revised*</del> Track activities using Excel. Report measures in TMDL annual report.

16	<del>*Revised* O&amp;M BMP Inspections 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.</del>	<del>*Revised* Conduct preventative maintenance to keep structural controls in good working order by performing regular inspections on catch basins, culverts, manholes, and other source controls on County lands.</del>	<del>*Revised*Number of projects/ activities that required structural stormwater maintenance and/ or cleaning. Track the number of staff hours used to perform inspections.</del>	Ongoing	N/A	Staff Time	Track activities using IRIS. Report measures in TMDL annual report.
<b>Public Education and Outreach</b>							
	<b>Management Category</b>	<b>Strategy</b>	<b>Measure</b>	<b>Timeline</b>	<b>Benchmark</b>	<b>Cost Analysis</b>	<b>Tracking and Assessment</b>
17	<i>ex. 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>
18	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.
19	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.
20	Roads - Roadside litter. Many household products found along roadside ditches contain mercury (i.e. batteries, light bulbs 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.

21	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
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**Enforcement of Prohibited Substances**

	<b>Management Category</b>	<b>Strategy</b>	<b>Measure</b>	<b>Timeline</b>	<b>Benchmark</b>	<b>Cost Analysis</b>	<b>Tracking and Assessment</b>
22	<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>
23	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.
24	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.
25	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.

**Construction Site Runoff Control**

	<b>Management Category</b>	<b>Strategy</b>	<b>Measure</b>	<b>Timeline</b>	<b>Benchmark</b>	<b>Cost Analysis</b>	<b>Tracking and Assessment</b>
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26	<i>ex. Erosion/ sediment 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>
27	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.
28	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.
29	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.