

BMP or Program	Source What source of this pollutant is being addressed?	Meets Requirements		Strategy What is being done, or what will be done to reduce or control pollution from the source?	Specific Actions Specifically, how will this be done?	Measure of Progress/Benchmarks How will successful implementation or completion of this strategy be measured?	Fiscal Analysis	Timeline When will the strategy be completed?	Activity Summary
		Bacteria	Temperature						
OM	1. Existing and future bacteria and temperature levels	X	X	Monitor water quality parameters.	Conduct background sampling or utilize relevant DEQ data (if available) of bacteria levels upstream and downstream of Shady Cove Boundaries.	Annual results of downstream sampling points.	Contract laboratory (possibly RVCOG) to conduct testing	Use DEQ data or conduct background sampling in Year 1 and annually thereafter.	
PE	1. Bacteria carried to waterways in storm runoff and piped systems	X	X	Prevent domestic animal waste and other contaminants from reaching waterways	i. Expand animal waste bag program to include additional public spaces (city-owned properties/right-of-way trafficked by dog-walkers).	Check bags at scheduled intervals, and replace bags as needed. Provide a summary of number of bags purchased, cost of waste bag program and a list of any new stations added since previous reporting period.	Public Works Staff Time	Annually	
					ii. Provide educational material to property owners during the conditional-use/planning commission/land-use process relative to ag/animal use of land in certain zones; partner with RVCOG, Watershed Councils and JCSWC for educational materials.	Track activity and contacts	Staff Time	Annually	
					iii. Add streamside gardening and native species plant listing to the City website. Maintain and provide lists to provide "over-the-counter."	Check stock of printed material at City Hall.	Staff Time & Website Design	Develop preliminary information Year 1. Review partner agencies for updated information and update City website annually.	
					iv. Make the TMDL Implementation Plan available to the Public via the Shady Cove website, links to RVCOG or some other method	Will ask for tracking information from webmaster/hosting company to determine number of downloads of plan.	Staff Time & Contracted Web Design/Updates	Annually	
PI		X	X		i. Storm drain markers; signs stencils, etc.	Number of markers installed	To be funded from Street Fund O&M	Year 1 then ongoing thereafter	
PI		X	X		ii. Public Review of TMDL Implementation Plan Planning Commission and City Council Public Hearings	Track presentations, events, etc.	Staff Time	Adoption of TMDL Implementation Plan by City Council Year 1	
ID		X	X	Prevent contaminants, oil, grease, paint and other pollutants from entering the storm system.	Develop ordinance to prohibit illicit discharges.	Track violations and complaints.	Staff Time	Ordinance development Year 1; Implement Year 2; Annual enforcement	
OM	Bacteria carried to waterways in storm runoff and piped systems.	X		Prevent contaminants, oil, grease, paint and other pollutants from entering the storm system.	Conduct catchbasin and manhole cleaning; storm drain/ditch cleaning	Obtain tracking information from RVSS.	Staff Time, Cleaning Equipment	Annually	
					Contract with Jackson County for street sweeping	Track progress; include in annual budget; internal review	Operation Contracted	Year 1 and annually as budgeted	
PE	1. Solar radiation and sediment deposition that results in a change in stream profile.			Retain mature trees, native vegetation and encourage tree planting and use of native species for bank stabilization	Work with new Watershed Council to manage invasive species on private land and protect and plant native species.	Compile a list of priority riparian areas of concern within the UGB Number of trees and shrubs planted annually in public areas. Number of acres of	RVCOG, Watershed, Staff & Volunteer	Ongoing	

					<i>Invasives removed.</i>			
			<i>X</i>	<i>Identify and inventory restoration areas.</i>	<i>i. Use open space inventory, watershed assessments, and GIS software/maps to identify areas RVCOG to assist with inventory</i>	<i>Complete identification of priority areas</i>	<i>Watershed, Staff, Volunteers, RVCOG</i>	<i>Year 3</i>
			<i>X</i>	<i>Prioritize areas for restoration, planting and protection or riparian areas.</i>	<i>Conduct meetings with Watershed Council, staff and public.</i>	<i>Summarize meetings</i>	<i>Watershed, Staff, Committees, RVCOG</i>	<i>Year 3</i>
					<i>Field check prioritized areas to verify needs for implementation</i>	<i>Summary of field checks completed</i>	<i>Watershed, Staff, Volunteers</i>	<i>Year 3</i>
				<i>Restore, protect, and plant areas</i>	<i>Plant native trees and shrubs along public areas.</i>	<i>Annual Earth Day at the Park Celebration, to include planting trees and native species along Indian Creek.</i>	<i>Watershed, Staff, Volunteers, Public</i>	<i>Year 1 and then annually</i>
<i>PE</i>			<i>X</i>	<i>Work with the regional group to develop an outreach program for those environmental areas of concern</i>	<i>i. Development and distribution of outreach materials designed for the general public; examples brochures for riparian protection, restoration activities, nonpoint source runoff, channel modification, bacteria and temperature</i>	<i>Develop resource list with annual updates; develop presentations; track number of brochures and presentations</i>	<i>Staff Time</i>	<i>Year 2 and then annually</i>
			<i>X</i>	<i>Riparian Ordinance to protect existing native vegetatin and canopy cover.</i>	<i>Draft and adopt a new ordinance.</i>	<i>Summary of proposed ordinance</i>	<i>City Council, Planning, Commission, Staff, Public, Watershed Council</i>	<i>Year 1-2</i>
					<i>Enforce new ordinance</i>	<i>Document enforcement .</i>	<i>Community Service Officer</i>	<i>Year 3 and annually</i>
			<i>X</i>	<i>Require mitigation/restoration of riparian buffer affected by new development.</i>	<i>Include mitigation/restoration of a riparian buffer in ordinance</i>	<i>Summary of inspections and enforcement in annual reports.</i>	<i>Staff, Community Service Officer</i>	<i>Year 4-5</i>
<i>DS</i>				<i>Promote the use of methods that reduce urban runoff and impervious surface area.</i>	<i>Identify and promote low impact development practices</i>	<i>Summary of practices</i>	<i>Staff Time</i>	<i>Year 2-3</i>

		X	X						
				Review codes to identify barriers to low impact development methods Code revision to incorporate low impact development practices; Develop ordinance with incentives for new construction to minimize impervious surfaces and treat storm runoff on-site.	Summary of relevant code sections.	Staff Time	Year 3-4		
MR	Monitoring and Reporting			Use the matrix as a template to track the implementation plan.	Compile information on the form	Tracking of activities using the matrix.	Staff Time	Annually	
		X	X	Submit annual reports	i. Submit annual reports to DEQ	Completed annual reports	Staff Time	Annually	
				Use existing programs to track program effectiveness	Work with DEQ, RVCOG, and other DMAs to evaluate methods for evaluating and tracking program effectiveness	Summarize methods of evaluation	Staff, DEQ, RVCOG, DMAs	Year 3	
					Work with DEQ, RVCOG, and other DMAs to use existing programs (DEQ Water Quality Index Stations, etc.) to evaluate programs	Summary of regional water quality	Staff, DEQ, RVCOG, DMAs	Year 3	
				Adaptive Management Plan	Modify plans as needed	Summarize revisions WQ Imp. Plan	Staff Time	Year 5	
RC	1. Regional Water Quality Coordination	X	X	Continue participation in the TMDL program	The City of Shady Cove will continue to participate.	Attendance (in person, phone, or video conferencing if available) at quarterly meetings and other meetings as requested	Staff Time	Annually	
Fund	1. Funding	X	X	Evaluate the cost of program implementation	Establish annual costs of program and identify funding; budget line item for TMDL.	List program costs and sources	Staff Time	Annually	

Six Minimum Control Measures

PE = Public Education
 PI = Public Involvement/Participation
 ID = Illicit Discharge Detection and Elimination (IDDE)
 CS = Construction Site Runoff Control
 DS = Development Standards (Post-Construction Runoff Control)
 OM = Operations and Maintenance (Pollution Prevention/Good Housekeeping)
 MR = Monitoring and Reporting
 RC = Regional Coordination
 Fund = Funding Program