

CITY OF HARRISBURG TMDL Tracking Matrix 2024 - 2029						Receiving Water Body: WILLAMETTE River		
Pollutant	Source of Pollutant	Strategy to Reduce Pollutant	Action to Implement Strategy	Benchmark Indicators of Progress	Timeline	Measure of Successful Strategy	Funding	Status as of January 2026,
TEMPERATURE	I. Solar Radiation	a. Protect and enhance riparian areas along waterways on city owned property	i. Preserve and plant native plants and removal of invasive species.	Project locations are identified, and City determines needed resources for projects	Year 1: Identify locations for riparian plantings and invasive species removal; determine city resources available to implement 2 projects between Year 2-5 Years 2-5: Implement at least two riparian improvement projects.	Complete at least two planting projects	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	Locations have been identified as Eagle Park along the Willamette River. Funding has been secured for small projects Project 1 completed with HHS 2025
			ii. Continue to enforce riparian protection overlay protection requirements per HMC 18.60 and 18.55	Number of documented violations decrease overtime	Years 1-5: ordinance enforcement ongoing; annual review	Track and document violations and follow-up actions; track and document variances to HMC 18.60 and 18.55.	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	No violations were reported by the Code Enforcement officer in 2025
		b. Work with local property owners to initiate riparian restoration projects	i. Conduct outreach and education to private property owners that have riparian areas on their property	Develop a list of priority properties for focused outreach	Year1: Supply private properties targeted outreach; develop recommendations for riparian improvements. Year 2-5: Outreach and via communication plan; contact property owners and schedule visits with willing landowners.	Document outreach, site visits completed and results of outreach and site visits.	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	Priority property has been previously identified with private property owners at 15S-4W-16d lot 00200 along the Willamette River. An owner is interested when property develops, no development at this location yet.
			ii. Partner with local non-profits to	Be involved with and provide	Year 1: Determine city's resource	Document projects and city's resource		

			provide support for riparian projects.	support for at least two projects between 2024-2029.	availability to provide support for the projects identified. Years 2-5: Provide support for at least 2 projects.	availability that support at least two projects between 2024-2029. Track and document projects and City’s support (in-kind and financial).		Trail clearing and evasive plant removal project with HHS took place in May 2025 on city property along the Willamette River within Eagler Park boundary
	II. Wastewater treatment plant discharge	a. Maintain low effluent temperatures	Maintain compliance with <i>NPDES</i> permit requirements. Draw effluent from lower area of lagoons where temperature is lower. Run effluent through submerged rock filter.	Provide documentation showing compliance with <i>NPDES</i> permit. Mixing zone study completed 2017	In progress and on-going; annual review	Monitor effluent and river temperatures.	SWR FD Lab Testing 52-65-4200 NTE: \$11,000	NPDES, no violations in 2025 Effluent temperatures monitored and logged on DMR and EPA’s NetDMR River Temperatures monitored.
		b. No discharge to river during summer months.	Use wastewater effluent for irrigation of poplar trees.	Provide summary report on the amount of treated effluent diverted. (DEQ Annual Effluent Reuse Report)	In progress and on-going; annual review	Monitor effluent and river temperatures.	SWR FD Lab Testing 52-65-4200 NTE: \$11,000	Effluent temperatures monitored and logged on DMR and EPANet and supplied Annual Effluent Report. Due to warm summer temps, No effluent was diverted for reuse in the popular trees in 2025 River Temperatures monitored.
Pollutant	Source of Pollutant	Management Strategy	Action to Implement Strategy	Benchmark of Progress	Reporting Timeline	Measure of Successful Strategy	Funding	Status
BACTERIA	I. Pet and animal waste	a. Reduce the amount of pet waste that is not properly disposed of.	i. Install pet waste stations including bags, educational signs, and other information.	Determine locations and prepare news release to inform residents about new stations.	On-going installation and maintenance as needed; annual review	Pet waste stations installed.	Parks Maintenance 10-72-6700	Pet Stations and signage was maintained and supplied with doggie bags daily.

			ii. Enforce existing pet waste pick-up ordinance	Ordinance in place and enforced	Ongoing; annual review	Track the number of citations issued and document cost of maintaining pet waste stations and cost of providing pet waste bags.	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	Approximately \$8000 to maintain stations in 2025 in staff time. No written citations issued by Code Enforcement officer.
	II. Erosion and Sedimentation	a. Decrease sedimentation and erosion from new construction, including development on small developments < one acre.	i. Maintain erosion and sediment ordinance and guidelines	Provide City erosion control fact and BMP sheets to developers and property owners.	Year 1- 5: Review of erosion and sediment control development standards; Review development code for any changes in language needed to address erosion and sediment from new and re-development. Year 1-5: Provide guidance materials to developers when application for permit is submitted. Years 1-5: Enforce revised sediment and erosion code.	Track and document inspections of developments for proper use of erosion and sediment control BMP's; document violations, follow-up and enforcement actions.	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	Storm Water Code reviewed, and development code updated with strict enforcement actions in HMC 13.30 https://www.codepublishing.com/ No violations were issued
			ii. Maintain ordinance to require storm water detention and treatment for new developments.	Provide storm water article and include information annually.	Years 1-5: Enforce detention and treatment requirements.	Track ordinance violations for new developments to comply with storm water detention and treatment requirements.	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	Requirements met and no violations issued
	III. Stormwater Discharge	a. Raise awareness of actions that individuals can take to minimize storm water impacts.	Publish educational materials in newspaper, City publications, City's website. Stencil storm drains	Review, update and select materials annually. Provide storm drain stenciling.	Years 1-5: Publish outreach material at least annually	Confirm information provided at front counter and on website. Track number of storm drains stenciled.	Storm Water Assessment Fund 25-26-2600 NTE: \$1,500	Outreach supplied with utility bills in Feb 2025 26 storm drains stencils/plaques applied in2025
		b. Update Storm Master Plan and include water	Seek funding to update Storm	Secure funding, develop work	Year 1: Develop RFP, bid project and select contractor.	Adopt New Storm Water Master Plan	Storm Capital Improvements 25-70-8000	RFP for Storm Water Master Plan was bid, Contract firm selected

		quality protection considerations and priorities.	water Master Plan.	program and draft plan.	Year 2- 5: Prepare new Stormwater Master Plan.			Full Funding secured, Bid and started master plan in 2025
		c. Secure funding for stormwater system upgrades.	Collect stormwater system development charges.	Track amount of SDC's collected annually.	In progress and on-going; annual review	Review and update stormwater SDC schedule.	Storm Capital Improvements 25-70-8000	Update to Storm Water SDC will be conducted with the new Storm Water Master Plan completion in 2026
	IV. Wastewater Treatment Plant	a. Maintain low effluent bacteria levels	Maintain compliance with NPDES permit requirements.	Monitor, and provide documentation showing NPDES permit compliance.	In progress and on-going; annual review.	Monitor effluent as a condition of DEQ/NPDES discharge permit.	SWR FD Lab Testing 52-65-4200 NTE: \$11,000	No violations of NPDES permit, monitored effluent conditions
Pollutant	Source of Pollutant	Management Strategy	Action to Implement Strategy	Benchmark of Progress	Reporting Timeline	Measure of Successful Strategy	Funding	Status
MERCURY	Storm Water Runoff, Erosion, Sedimentation and Air Deposition	1. Pollution Prevention and Good Housekeeping for Municipal Operations (City has no 1200-Z needed permit facilities)	Clean and Vactor at least 80 percent of all Storm Water Catch Basins annually	Document which Catch Basins are cleaned in the annual report.	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	A decrease in the amount of material and debris collected out of basin sumps annually.	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	All storm drains in the City cleaned in 2025
			Use of Street Sweeper to remove dirt, dust and debris from all roadways at least quarterly.	Evaluate effectiveness and timing of road sweeping	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	A decrease in the amount of debris disposed of annually	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	Irregular sweeping of city streets conducted throughout 2025. Less tonnage removed than previous year
		2. Public Education and Outreach	Publish educational materials on the city website, (track hits) provide handout in City Hall and periodically	Develop educational materials and tab on cities website	The city will report to DEQ annually, and update this plan every five years using adaptive management to address	Track number of 'hits' on website	Storm Water Assessment Fund 25-26-2600 NTE: \$1,500	Handout provided in City Hall and mentioned randomly in utility billing along with headline alerts on the city website at various times.

			highlight in utility billing. A qualitative assessment of one outreach and education effort will be completed each year		implementation gaps and challenges.			
			“NO DUMPING” or similar warnings Stenciled on storm drains.	Complete a minimum of 50 stencils yearly	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	When all catch basins have been complete, and then start over again at the begin refreshing stencils	Storm Water Assessment Fund 25-26-2000 NTE: \$15,000	26 Storm Drain Stencils/plaques applied in 2025
	Storm Water Runoff, Erosion, Sedimentation and Air Deposition	3. Public Involvement and Participation	Comply with state and local public notice requirements. A qualitative assessment of one outreach and education effort will be completed each year	No state violations	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	Notice requirements are met	Storm Water Assessment Fund 25-26-2600 NTE: \$1,500	In progress and on going
			Provide on the city website the city storm water control activities, contact information, and provide education materials on BMP's	Track number of website visits and number of educational materials provided each year	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	City contacted from citizens to discuss BMP's	General Fund 10-53-2200 NTE: \$ 5,000	No complaints from Citizen other than a few storm grates plugged by leaves in the fall rains, grates were cleaned. City website provides storm water information; https://www.ci.harrisburg.or.us/publicworks/page/storm-water-bmps
MERCURY	Storm Water Runoff, Erosion, Sedimentation and Air Deposition	4. Illicit Discharge Detection and Elimination (HMC 13.30.090)	Create access on City website for citizens to file a complaint with	Investigate and respond in writing to all complaints and concerns	The city will report to DEQ annually, and update this plan every five years using	Track the number of complaints and concerns to achieve less complaints and	General Fund 10-53-2200 NTE: \$ 5,000	All complaints are handled by the Code Enforcement officer who tracks and records all HMC code violations. No violations issued

		(HMC 13.30.100	concerns and issues		adaptive management to address implementation gaps and challenges.	concerns received annually		
			Produce and provide on the city website educational material to identify and report illicit discharges. A qualitative assessment of one outreach and education effort will be completed each year	Outreach materials provided and made accessible on website, city hall, bulletin boards	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	Track and document any violations and enforcement actions.	General Fund 10-53-2200 NTE: \$ 5,000	Yearly Progress of making new materials and updating in ongoing.
			Map city storm water conveyance system	Update storm water map when new infrastructure is constructed	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	Current and updated map	Storm Water Assessment Fund 25-70-8000 NTE: \$ 25,000	Storm Water Map is Current and up to date. Some changes and additions will be incorporated with completion of the new Master Plan in 2026
	Storm Water Runoff, Erosion, Sedimentation and Air Deposition	5. Construction Site Runoff Control (HMC 13.30.080 and 13.30.240 and 15.05.030) <u>Violations HMC 13.30.280 and 13.30.360</u>	Per municipal code, requires storm water sedimentation and erosion controls. Over 1-acre a DEQ permit required. An erosion and sediment control plan is required of all development (soil disturbing activities).	Track and document permits, variances, and enforcement	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	Reduction in number of violations	General Fund 10-53-2200 NTE: \$ 5,000	HMC requires a sedimentation control plan of All Developments. Plan is approved by the engineer and inspected regularly https://www.codepublishing.com/OR/13.30 https://www.codepublishing.com/OR/Harrisburg/#!/Harrisburg13/Harrisburg1330.html#13.30

	Storm Water Runoff, Erosion, Sedimentation and Air Deposition	6. Post- Construction Site Runoff for New Development and Redevelopment	Enforce and ensure long term maintenance and operation of Storm Water BMP's (HMC 13.30.160) (HMC 13.30.260) All new and re- development is required to target pre-development/ natural runoff. Any stormwater that cannot be fully retained on site will be required to be treated prior to discharge.	Post construction areas are inspected, maintained	The city will report to DEQ annually, and update this plan every five years using adaptive management to address implementation gaps and challenges.	Maintain records of post construction site runoff and require maintenance agreements	General Fund 10-53-2200 NTE: \$ 5,000	The city is anticipating new construction and large residential development in the coming years. Post construction maintenance agreements are documented and maintained by the city. https://www.codepublishing.com/OR/ 13.30