

MINIMUM MEASURE # 1 - MUNICIPAL OPERATIONS AND MAINTENANCE BMPS						
SOURCE	ACTIVITY	POLLUTANT ADDRESSED	FUNDING	TIMELINE	MILESTONE/REPORTING METRIC	STATUS
Hot water discharges, sanitary spill wash-downs, waste disposal	BMP - 1: Continue to implement Discharge and Spill Prevention Procedures (attached)	Temperature, Bacteria, Mercury	Public Works Utility Funds	Implement procedures throughout year	Annually report date, time and procedures followed for discharges	
Hot water discharges, sanitary spill wash-downs, waste disposal	BMP - 2: Employee Training on potential hot water sources and prevention.	Temperature, Bacteria, Mercury	Public Works Utility Funds	Employee Training - Twice per Year minimum	Annually report date, time & topic of training performed;	
Sediments in catch basin sumps, Animal waste, sediments and waste on streets.	BMP - 2 Monitor sediment accumulation, identify, clean-up, and enforcement actions for illicit discharges (trigger MM #4 BMP-3) & clean stormwater inlets; Perform Street Sweeping	Bacteria, Mercury	Public Works Utility Funds (Parks, Streets & Stormwater)	Inspect stormwater inlets annually & maintain log of findings & cleaning; Street Sweeping Monthly	Submit log of inlets inspected and cleaned; Submit invoices identifying street sweeping; Submit log of illicit discharges and actions taken.	
Park/Open Space Maintenance	BMP - 3: Maintain landscaping by weeding watering & trimming while minimizing fertilizers and other chemicals; Track, type, amount, location and effectiveness of fertilizers and chemicals used. Identify and reduce chemicals or replaced with more organic/natural chemicals where possible and monitor effectiveness?	Mercury (Sediment Reduction)	Public Works Utility Funds (Streets & Stormwater)	Maintain landscaping twice per year and log chemicals used and effectiveness	Maintain and annually report log of chemicals used, location, quantity & effectiveness. Document attempts to reduce chemicals and/or use of organic chemicals.	
Water Quality Facility Maintenance	BMP - 4 Maintain Water Quality Facilities including filter inlets, jellyfish manhole and vegetated swales/ponds and log inventory of facilities, inspections and maintenance performed.	Bacteria and Mercury	Public Works Utility Funds (Streets & Stormwater)	Maintain inventory of facilities to track maintenance and cleaning activities;	Complete inventory of existing facilities by end of 2021; Annually report updates to inventory, inspections, maintenance and/or cleaning of facilities;	
MINIMUM MEASURE # 2 - PUBLIC EDUCATION						
SOURCE	ACTIVITY	POLLUTANT ADDRESSED	FUNDING	TIMELINE	MILESTONE/REPORTING METRIC	STATUS
Activities affecting Stormwater discharges including impacts from yard maintenance & vegetation removal.	BMP - 1: Continue Public Education Activities by providing articles on stormwater issues within newsletter distributed with utility bills	Bacteria, Mercury	Stormwater Utility Fund	Quarterly (4 times/year) Newsletter Inserts	Annually report date and topic of each newsletter article or provide web link w/ report; Annually report the results of a qualitative evaluation of educational outreach effectiveness.	
Activities affecting Stormwater discharges including impacts from yard maintenance & vegetation removal.	BMP - 2: Collaborate with local and state agencies to educate residents and public on stormwater issues	Bacteria, Mercury	Stormwater Utility Fund	Coordinate one educational activity per year	Annually report the name and date of the activity & coordination performed (agency, date, time & issues discussed)	

Dumping of waste into inlets.	BMP - 3: Inspect stencil (No Waste Dumping, Drains to River) during inlet inspections, replace as needed and report on maintenance log	Bacteria, Mercury	Stormwater Utility Fund	Inspect during annual inlet inspection and replace where needed	Annually report on inlet inspections, identify inlets needing stencil and record date installed/maintained	
Pet Wastes	BMP - 4: Continue to maintain pet waste stations & signage at designated pet areas (3); Log date and maintenance activity performed.	Bacteria	City General Fund	Stations maintained weekly; signage inspected weekly and replaced as needed	Annually submit report for log of weekly inspections and maintenance and repairs needed	
MINIMUM MEASURE # 3 PUBLIC INVOLVEMENT AND PARTICIPATION						
SOURCE	ACTIVITY	POLLUTANT ADDRESSED	FUNDING	TIMELINE	MILESTONE/REPORTING METRIC	STATUS
Stormwater discharges	BMP - 1: Public Participation in Stormwater Program Development, implementation & funding needed through presentations to City Council regarding updated TMDL plan and obtain Council approval; periodic City Council updates on progress, and post TMDL Implementation Matrix and reports to City Web Site	Bacteria, Mercury	Stormwater Utility Fund	Present all TMDL docuemtns and reports-for approval by City Council; Quarterly updates including reports submitted and improved enforcement actions and ongoing activities or issues	Approval of TMDL docuemntation - Annually submit report date, time and topic of Council presentations and actions; Annually report location of information posted to City Web Site	
Stormwater discharges including removal of trees and vegetation in riparian areas.	BMP - 2: Public Participation in Ordinance Development related to riparian habitat protection and restoration through City Council meetings or other stormwatwer program measures	Temperature, Bacteria, Mercury	Stormwater Utility Fund	Develop and present ordinance concept and obtain public and council input - June 2023; Further develop ordinance and revise per public & Council comments - November 2023; Present ordinance for Council to consider adoption - March 2024	Annually submit a report w/date, topic and feedback from council/public presentations for ordinance develop	
Stormwater discharges. Including removal of trees and vegetation in riparian areas.	BMP - 3: Public Reporting of Stormwater Concerns; Maintain log stormwater concerns made by public to City Hall via phone call, in person or via email.	Bacteria, Mercury	Stormwater Utility Fund, General fund	Ongoing	Annually submit log of concerns	
MINIMUM MEASURE # 4 ILLICIT DISCHARGE DETECTION AND ELIMINATION						
SOURCE	ACTIVITY	POLLUTANT ADDRESSED	FUNDING	TIMELINE	MILESTONE/REPORTING METRIC	STATUS
Discharges into storm sewers.	BMP - 1: Maintain Storm Sewer Map;	Bacteria, Mercury	Stormwater Utility Fund	Annually update storm sewer map with new construction;	Provide updated storm plan annually	

Discharges into storm sewers.	BMP - 2: Develop and implement updated Storm Drainage Master Plan (SDMP)	Bacteria, Mercury	Stormwater Utility Fund	Council adopt and begin implementing SDMP - 4th Qtr 2024	Report adoption of SDMP and annually report storm projects completed/implemented	
Illicit construction activities, illegal dumping, illicit sanitary discharges.	BMP - 3: Continue to implement ordinance and enforcement procedure prohibiting illicit discharges. City staff to monitor construction sites and City infrastructure during daily rounds; log illicit discharges and implement corrective and enforcement actions	Mercury, Bacteria	Stormwater Utility Fund, General fund	Annually report log of illicit discharges including corrective/enforcement actions taken	Annually report	
Illicit discharges (private), illegal dumping, illicit sanitary discharges.	BMP - 4: Detect and Address Non-Stormwater Discharges into the System; Continue working with public, employees, industries, businesses and residents to minimize identify and address illicit discharges	Mercury, Bacteria	Stormwater Utility Fund	Ongoing; See Minimum Measure #1 BMP - 2; Minimum Measure #3 BMP - 3	Annually report logs	
Non-stormwater discharges into the storm system.	BMP - 5: Educate Public Employees, Businesses and the General Public about Hazards Associated with Illicit Discharges & associated Best Management Practices	Bacteria, Mercury	Stormwater Utility Fund, General fund	Ongoing through Public Works coordination meetings and newsletters in utility bills; See Minimum measure #1, BMP - 1 & Minimum measure #2, BMP - 1	Annually report	
MINIMUM MEASURE # 5 - CONSTRUCTION SITE STORMWATER RUNOFF CONTROL						
SOURCE	ACTIVITY	POLLUTANT ADDRESSED	FUNDING	TIMELINE	MILESTONE/REPORTING METRIC	STATUS
Sediments from construction or other soil disturbing activity.	BMP - 1: Continue to implement City Codes 13.20.080 Prohibitions & 13.20.130 Violation - Penalty with enforcement features & erosion control standards	Bacteria, Mercury	Stormwater Utility Fund, General fund	Annually	Annually report log of violations	
Sediments from construction or other soil disturbing activity.	BMP - 2: Continue to implement requirements for Construction Site Operators to use BMPs for erosion and Sediment control; Log construction projects not regulated by 1200C, inspections performed and issues/corrective measures	Bacteria, Mercury	Stormwater Utility Fund, General fund	Develop and implement log - 2020	Annually report log of projects and inspections	

Erosion sediments and waste associated with development washed to the storm system.	BMP - 3: Continue to implement Site Plan review procedures to address water quality issues and compliance with 1200C requirements; Log projects requiring 1200C permit (Area >= 1 acre), inspections and issues/corrective measures	Bacteria, Mercury	Stormwater Utility Fund, General fund	Ongoing program triggered during development	Annually describe the number of site plan reviews that triggered referral to DEQ for 1200C site plan reviews triggering 1200C referral report log of projects	
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MINIMUM MEASURE #6 - POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

SOURCE	ACTIVITY	POLLUTANT ADDRESSED	FUNDING	TIMELINE	MILESTONE/REPORTING METRIC	STATUS
Sediments and impervious surface runoff into the stormwater system.	BMP - 1: Continue to Implement and Enforce a Program to Ensure Reduction of Pollutants in Stormwater Runoff from New Development and Redevelopment; Identify post construction stormwater facilities and log inspections and corrective actions	Bacteria, Mercury	Stormwater Utility Fund, General fund	Develop log - 2020	Annually submit report log of facilities, inspections and actions effective 2020	
Sediments and impervious surface runoff into the stormwater system.	BMP - 2: Update stormwater SDC to reflect updated project priorities identified in the updated Storm Drainage Master Plan, SDMP (4th Qtr 2024) or other programs for water quality that trigger SDC review and update	Bacteria, Mercury	Stormwater Utility Fund, General fund	Ongoing program Propose updated SDC to City Council by 2025 per updated SDMP	Annually report a description of SDC updates and approvals	

MINIMUM MEASURE # 7 - STREAM AND RIPARIAN AREA PROTECTION

SOURCE	ACTIVITY	POLLUTANT ADDRESSED	FUNDING	TIMELINE	MILESTONE/REPORTING METRIC	STATUS
Stream and River warmed by insolation due to vegetation removal.	BMP - 1: Adopt Ordinance with enforcement features for stream, wetland and riparian area protection.	Temperature	Stormwater Utility Fund, General fund	See Stream and Riparian Protection Plan for timeline of activities	See Stream and Riparian Protection Plan; Annually report update of milestones performed	
River warmed by insolation due to vegetation removal.	BMP - 2: Adopt ordinance providing for protection of the Willamette Greenway	Temperature	Stormwater Utility Fund, General fund	Code reviewed, modified and adopted by 2023	Review code, determine modifications needed and adopt updated ordinance; Annually report update of milestones performed	