



Oregon

Kate Brown, Governor

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TTY 711

Dec. 13, 2021

Eric Mongan
400 East Main St.
Cottage Grove, OR. 97424

Re: Review and Acceptance of the 2020-2021 TMDL Implementation Plan Annual Report for the City of Cottage Grove

Dear Eric Mongan,

Thank you for submitting the Cottage Grove 2020-2021 TMDL Implementation Plan Annual Report. The Department has reviewed your report and finds that the report complies with the annual reporting requirement.

I would like to reaffirm that I am available as a resource to assist you as you move forward with TMDL implementation. Please feel free to contact me at (541) 687-7347 for assistance.

Best regards,

Priscilla Woolverton

Priscilla Woolverton
Willamette Basin Coordinator

ec: Zach Loboy, Watershed Manager, DEQ

Willamette TMDL Annual Report (2021)
City of Cottage Grove
Additional Information Requested by Dec. 6, 2021

Section	Questions/ Comments
Temperature 4. (pg 7)	• Drafting the LID manual was reported as postponed in the 2018-2019, 2019-2020 and the 202-2021 annual reports. • This measure must be completed by the end of the city's current five year cycle. Based on current report, the city anticipates completing the manual winter 2022. If this is not the case, please contact me to set-up a time to discuss adaptive management as soon as you can. The City intends to meet the winter 2022 deadline for adopting an LID manual. The City understands that if it cannot meet this deadline we need to contact DEQ to discuss adaptive management.
Bacteria 1. (pg 7)	• Were there any new development sites that were permitted and inspected during the reporting period? Yes, there were 33 new homes, apartments, accessory structures, and commercial/industrial spaces permitted in the reporting period. Two of the apartment project accounting for 120 units were under 1200-C permits and one industrial development was also under 1200-C permits. The erosion control ordinance was not effective for the entirety of the reporting period therefore 11 of the permitted projects were required to use BMP's for erosion prevention.
Bacteria 2. Storm system map (pg 8)	• The 2019-2020 report indicated that the storm system map would be completed in 2021. This has been postponed to the 2021-2022 reporting period. In 2020 (perfected in 2021) the City contracted with iWorq (asset management company/software/app) to complete a video geospatial map of the City. This mapping effort has been perfected and an image of the map is included with this response. The City currently has an open RFP for installing and monitoring flow

	meters on the existing storm-sewer system. This data in conjunction with the information gathered in the mapping effort will be used for drafting and adopting a storm-sewer masterplan.
Bacteria 2. City storm drains (pg 8)	Are there any storm drains in the city that are not yet marked? Unknown number that have not been marked. The City is currently looking so source additional storm-sewer markers with the goal of installing in the summer of 2022.
Bacteria 2. IDDE code (pg 8)	Please send link to new IDDE/ nuisance code: Link #1 Link #2
Mercury 1. Erosion prevention code (pg 9)	Please send link to new erosion prevention code Link:
All Pollutants 8. City Council (pg 11)	Was the annual report provided to or presented to Council during the reporting period? Yes, at the January 11, 2021 City Council Meeting (minutes attached).
All Pollutants 9. Staff training (pg 12)	- The tracking measure includes reporting when and what types of relevant trainings were offered to staff. - Please provide this information. Public Works staff complete semi-annual training on erosion control best management practices. Two members of Public Works staff have CESCL certificates and work closely with other staff members to ensure all necessary BMP's are deployed. Additionally, spot trainings are conducted when there are issues identified. For example, in the summer of 2021 during crack sealing preparation a report was made to the City and DEQ based on a community member's observation of what appeared to be a staff member "putting dirt in a catch basin". The Director and Utilities Supervisor investigated the report and while the report was found to be inaccurate it was used as an opportunity to discuss BMP's and our erosion control requirements.
All Pollutants 10. Update Stormwater Management Plan (pg 13)	This measure must be completed by the end of the city's current five year cycle.

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	Based on current report, the city did not identify an adjusted timeline. Please identify when this will be completed within the current five year cycle. The City is currently working to obtain flow data that will be used to draft and adopt a new stormwater masterplan by the end of the current five year cycle.
All Pollutants 10. Encourage Green Streets in new development and adopt LID manual (pg 13)	• This measure must be completed by the end of the city's current five year cycle. Based on current report, the city did not identify an adjusted timeline. Please identify when this will be completed within the current five year cycle. The City intends to meet the current deadline of summer of 2022 or address the delay with adaptive management.
All Pollutants 10. Encourage construction of stormwater retention facilities, and adopt LID manual (pg 13)	• This measure must be completed by the end of the city's current five year cycle. Based on current report, the city did not identify an adjusted timeline. Please identify when this will be completed within the current five year cycle. The City intends to meet the current deadline of summer of 2022 or address the delay with adaptive management.

Table 13-11. Minimum requirements for cities.

In addition to requirements in section 13.3.2.2., these requirements apply to cities with MS4 permits (outside of the MS4 permit coverage area) and to cities without a MS4 permit

Stormwater Measure	Requirements
1. Pollution Prevention and Good Housekeeping for Municipal Operations	DMA's must properly operate and maintain its facilities, using prudent pollution prevention and good housekeeping to reduce the discharge of mercury-related pollutants, such as sediment, through the stormwater conveyance system to waters of the state. DMA's must ensure that DMA-owned or operated facilities with industrial activity identified in DEQ's 1200-Z Industrial Stormwater General Permit have coverage under this permit. The DMA must also conduct its municipal operation and maintenance activities in a manner that reduces the discharge of pollutants to protect water quality. DMA's must maintain records for activities to meet the requirements of the Pollution Prevention and Good Housekeeping for Municipal Operations program requirements and include a descriptive summary of their activities in the TMDL Annual Report.
2. Public Education and Outreach	DMA's must conduct an ongoing education and outreach program to inform the public about the impacts of stormwater discharges on waterbodies and the steps that they can take to reduce mercury-related pollutants in stormwater runoff. The education and outreach program must address stormwater issues of significance within the DMA's community. DMA's must track implementation of the public education and outreach requirements. In each corresponding TMDL Annual Report, the DMA must assess their progress toward implementation of the program, including a qualitative evaluation of at least one education and outreach activity corresponding to the reporting timeframe for the associated TMDL Annual Report. The evaluation should be used to inform future stormwater education and outreach efforts to most effectively convey the educational material to the target audiences.
3. Public Involvement and Participation	DMA's must implement a public involvement and participation program that provides opportunities for the public to effectively participate in the development of stormwater control measures. The DMA must comply with their public notice requirements when implementing a public involvement participation process, including maintaining and promoting at least one publicly accessible website with information on the city's stormwater control implementation, contact information and educational materials.
4. Illicit Discharge Detection and Elimination	DMA's must implement and enforce a program to detect and eliminate illicit discharges into the stormwater conveyance system. An illicit discharge is any discharge to a stormwater conveyance system that is not composed entirely of stormwater. The DMA must develop and maintain a current map of their stormwater conveyance system. The stormwater conveyance system map and digital inventory must include the location of outfalls and an outfall inventory, conveyance system and stormwater control locations. The DMA must make maps and inventories available to DEQ upon request. When in digital format, the DMA must fully describe mapping standards in the TMDL implementation plan or other city planning document. The IDDE program must prohibit non-stormwater discharges into the stormwater conveyance system through enforcement of an ordinance or other legal mechanism, including appropriate enforcement procedures and actions to ensure compliance. The ordinance or other regulatory mechanism

Stormwater Measure	Requirements
	must also define the range of illicit discharges it covers, including those discharges that are conditionally allowed, such as groundwater and lawn watering discharges. The IDDE program must also maintain a procedure or system to document all complaints or reports of illicit discharges into and from the stormwater conveyance system. The DMA must track implementation of the IDDE program requirements. In each TMDL Annual Report, the DMA must assess their progress towards implementation of the program.
5. Construction Site Runoff Control	DMAs must refer project sites to DEQ, or the appropriate DEQ agent, to obtain NPDES 1200-C Construction Stormwater Permit coverage for construction projects that disturb one or more acres (or that disturb less than one acre, if it is part of a "common plan of development or sale" disturbing one or more acres). In addition, DMAs must require construction site operators to complete and implement an Erosion and Sediment Control Plan for construction project sites in its jurisdictional area that result in a minimum land disturbance of 21,780 square feet (one half of an acre) or more, and are not already covered by a 1200-C permit. Through ordinance or other regulatory mechanism, to the extent allowable under state law, the DMA must require erosion controls, sediment controls, and waste materials management controls to be used and maintained at all qualifying construction projects (as described above) from initial clearing through final stabilization to reduce pollutants in stormwater discharges to the stormwater conveyance system from construction sites. The DMA must develop, implement and maintain a written escalating enforcement and response procedure for all qualifying construction sites. The procedure must address repeat violations through progressively stricter response, as needed, to achieve compliance. The DMA must track implementation of its construction site runoff program required activities. In each TMDL annual report, the DMA must assess their progress toward implementing its construction site runoff program's control measures.
6. Post-Construction Site Runoff for New Development and Redevelopment	DMAs must develop, implement, and enforce a program to reduce discharges of pollutants and control post-construction stormwater runoff from new development and redevelopment project sites in its jurisdictional area. Example of such programs and program elements are provided in Appendix D. Through ordinance or other regulatory mechanism, the DMA must require the following for project sites discharging stormwater to the storm water conveyance system that create or replace 10,890 square feet (one quarter of an acre) or more of new impervious surface area: (A) The use of stormwater controls at all qualifying sites. (B) A site-specific stormwater management approach that targets natural surface or predevelopment hydrological function through the installation and long-term operation and maintenance of stormwater controls.

Stormwater Measure	Requirements
	(C) Long-term operation and maintenance of stormwater controls at project sites that are under the ownership of a private entity. The DMA must target natural surface or predevelopment hydrologic function to retain rainfall on-site and minimize the offsite discharge of precipitation utilizing stormwater controls that infiltrate and evapotranspire stormwater. For projects that are unable to fully retain rainfall/runoff from impervious surfaces on-site, the remainder of the rainfall/runoff from impervious surfaces must be treated prior to discharge with structural stormwater controls. These stormwater structural controls should be designed to remove, at a minimum, 80 percent of the total suspended solids. The DMA must maintain records for activities to meet the requirements of the post-construction site runoff program requirements and include a descriptive summary of their activities in the TMDL Annual Report.

TMDL IMPLEMENTATION MATRIX – Annual Report

September 1, 2020-September 1, 2021

(impacting the Coast Fork of the Willamette River and the Row River)

POLLUTANT What pollutant does the TMDL address?	SOURCE What sources of this pollutant are under your jurisdiction?	STRATEGY What is being done, or what will you do to reduce and/or control pollution emanating from this source?	HOW Specifically, how will this be done?	MEASURE How will you demonstrate successful implementation or completion of this strategy?	TIMELINE When will the strategy begin? Be Completed?	BENCHMARK What intermediate goals will be achieved, and by when, to know progress is being made?	PROGRESS What progress was made towards the benchmark during the reporting period?
Temperature	1. Loss of riparian shading and streamside vegetation.	Enhance streamside shading on private property along the Row River and tributaries.	In collaboration with CFWWWC, and other partners, work with community members in order to assist private residential and agricultural/timber landowners with care along waterways.	Number of meetings with CFWWWC and other partners, list of proposed or implemented projects.	Annual review	Quarterly meetings with the Watershed Council to monitor progress, and annual reports to Council.	Quarterly meetings were held with Watershed Council staff to monitor progress. Watershed Council shared 2020 Annual report which provided information on Camas Swale Restoration Project (5 acres), Carmine Upland Prairie and Oak Savannah Restoration Project (42 acres), Garden Lake Riparian Enhancement Project (11 acres), Hidden Meadow Oak Restoration Project (5 acres), My Brothers Farm Floodplain Enhancement Project – Phase 3 (68 acres), Salyers Family Ranch Oak

Restoration – Phase 2 (165 acres), and River Road Riparian Restoration (2 acres). In addition to on the ground restoration efforts several planning efforts were underway during the past year including Engaging Stakeholders in Restoration to Enhance Drinking Water Quality focusing on working with local landowners and land managers to voluntarily increase shade and other improvements to increase local drinking water quality prior to getting to the treatment plant, The Lower Coast Fork Hydrologic Modeling Project is assessing the local hydrology to inform large scale floodplain connectivity projects in the region, and the Working Lands Program that works with local farmers, foresters, and ranchers to mitigate operations for									
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						climate change and finding a balance between economic and ecological balance.
Demonstrate riparian area, wetland, and floodplain BMPs on publicly managed land.	Develop and implement monitoring program and assess success of restoration and conservation efforts.	Map location, number and type of trees planted, and track mortality rates and subsequent tree replacements.	Annual monitoring	Document tracking/assessment method and assessment timeline.	Urban Forestry Commission inventory of significant trees – 1080 trees inventoried Inventory continues w/ support from CFWWC Youth Crew.	Urban Forestry Committee to hold second annual tree giveaway in February of 2022.
	Maintain Tree City USA designation, including planting required number of new trees on public lands.	Map location, number and type of trees planted.	Annual review	Map updated on annual basis City identifies budget for tree planting and identifies location of planting projects.		240 trees and native shrubs were mulched and watered throughout the summer of 2021 by the watershed council youth crew to ensure survivability. Maintenance is expected for the next two summers until the plants are in a free to grow state.
	Plant trees on city properties, including the project in Row River Nature Park and Riverside Parks.	Map location, number and type of trees planted.	Annual review			
	Complete at least one riparian restoration project or i conservation project within 5-year planning cycle.	Complete at least one riparian restoration or conservation project.	Years 1-2: Identify available resources and identify planning-level cost estimates for a project; develop restoration project plan	Project plan and budget completed.		Three City Park clean up events took place in Spring 2021. These efforts

	Educate community members about the importance of riparian areas and proper management of such areas.	Develop educational materials regarding riparian vegetation, joint mailings and events with CFWWC and other partners.	Track number of brochures distributed on an annual basis. Track event dates and number of attendees.	Annual	Outreach materials are updated with recent information and city has events identified for upcoming calendar or reporting year.	Riparian newsletters distributed to 823 homes. CFWWC distributed newsletters to 4192 property owners via email distribution. "Science on Tap" events were unable to take place due to continued COVID restrictions. Information was shared with residents via social media and zoom events during this time.
	Enforce Wetland Protection ordinance that includes protection of riparian corridors and delineated wetlands.	Enforce Wetland Protection Ordinance and required setbacks from delineated wetlands on all new development/re-development.	Building permit review, track code enforcement actions and variances approved.	Annual review	Maintain Records of building and planning permit reviews impacting wetland areas.	No permits issued in delineated wetlands or wetland setback areas. City working with Land and Water Environmental Services to create and enhance wetland areas near the Cottage Grove Industrial Park
	2. Wastewater treatment discharge	Maintain low effluent temperatures.	Monitor effluent and river temperatures.	Annual review	Temperature monitoring. Design and construction records of new system elements.	Water System operators maintain monthly water quality and water temperature records.

				affected waterways.	Spray effluent during summer season.	Continue to create contracts to spray effluent at hospital, golf course, etc. Design and build additional capacity for effluent storage and delivery.	Annual review	Records of effluent discharge.	Wastewater Treatment facility maintains detailed weekly records on effluent discharge. Construction of Effluent storage pond on N. Douglas Avenue Completed Summer 2021 and is currently on-line , to store effluent waters for irrigation of city and ODOT lands (goal – 100% containment/irrigation) currently operating at 80% of total volume of effluent for irrigation.
3. In Channel impoundments					Locate dams and develop plan for removal on as-needed basis.	Track location and origin of identified impoundments.	Ongoing Year 1: Document method for identifying impoundments, and document process used for determining when an impoundment should be removed Years 2-5: Monitor and remove impoundments according to		No impoundments identified within monitoring period.

						method and process developed		
	4. Low Impact Development manual and regulations	Develop Coast Fork Willamette Watershed-based Low Impact Development Manual and develop Stormwater Regulations incorporating LID.	Complete draft LID manual, with stakeholder input. Draft stormwater regulations with Public Works Engineering. Adopt regulations and begin enforcement of new standards.	Complete draft of LID manual. Adopt post construction stormwater regulations. Public outreach/education on new regulations.	Year 1: complete draft LID manual Year 2: develop draft post construction stormwater regulations Year 3: adopt regulations and manual	LID manual completion. Type IV Legislative application to adopt new code. Open house(s) and other public outreach efforts.	Due to COVID-19 and the reduced interest in public gatherings the LID Manual completion is on-hold to winter 2022.	
Bacteria	1. Erosion and Sedimentation from new construction sites.	Adopt erosion prevention and sediment control regulations for new construction sites.	Work with local builders to draft Erosion Prevention and Control Ordinance.	Adopt ordinance.	Year 1-2: Develop erosion control regulations Year 3-4: Adopt regulations	Adopted Erosion & Sedimentation Control Ordinance. Outreach & educational materials.	Section 14-35.100 Erosion Prevention of the CGMC was adopted by Ord No. 3138 in March of 2021.	
			Enforce erosion from new construction sites as per Erosion Prevention and Control Ordinance.	Conduct and document one inspection prior to commencement of work for all erosion permitted sites. Track enforcement actions, permits,	Begin inspections and enforcement in Year 3-4 after ordinance is adopted	Outreach materials are developed and ready to distribute prior to ordinance adoption.	Riparian newsletter includes information on erosion prevention.	

			and variances related to erosion prevention control ordinance. Track and document outreach and education efforts for erosion control requirements.		Annual review	Records of requirements and building permits.	Accela records maintained for all hillside development. Seven Hillside Development Permits were issued (six for single family dwellings and one for multi-family)
2. Non-point source contamination and illegal discharges into waterways.	Develop a storm water system map and update as new information is found.	Continue to enforce Hillside Development regulations.	Completion of final stormwater system map.	Track and document enforcement actions	Years 1-2: Develop stormwater system map Years 3-5: Update as necessary	Updated stormwater system map.	Storm system map under development through Master Plan process (scheduled for completion in 2021-22).
	Signage on stormwater drains.	Use [GIS or other software/program] to publish a stormwater system map that can be updated as needed. Work with a local group to label remaining stormwater drains to warn people not to dump.	Document number of storm drains marked per year.		Annual review	Records of drains that are labeled.	No additional labels placed to date.
	Improve IDDE enforcement program.	Modify Nuisance Code or adopt new code to strengthen capacity for enforcement against illicit discharge.	Adopt new Nuisance Code or IDDE code.		Year 1-2: Develop draft code Year 3: Adopt code and begin enforcement/education program	New nuisance code or IDDE code is drafted by Year 3.	New IDDE program developed in 2020. Individual contact made to every restaurant, summer 2019. Annual packets sent to restaurants, bars,

		Promote pet waste pick-up program.	Increase signage and facilities for pet waste pick-up.	Add signage and stations throughout City parks. Monitor the number of bags used.	Annual review	Identified sites and purchase of new or additional materials. Installation of waste stations.	and other registered commercial kitchens in the spring of 2021
		Adopt erosion prevention and sediment control regulations for new construction sites.	Erosion Prevention and Control Ordinance.	Adopt ordinance.	Year 1-2: Develop erosion control regulations Year 3-4: Adopt regulations	Ordinance drafted by Year 3.	Adopted.
	1. Erosion and Sedimentation from new construction sites.		Enforce erosion from new construction sites as per Erosion Prevention and Control Ordinance.	Conduct and document one inspection prior to commencement of work for all erosion permitted sites. Track enforcement actions, permits, and variances related to erosion prevention control ordinance. Track and document outreach and education efforts for erosion control requirements.	Begin inspections and enforcement is after ordinance is adopted	Outreach materials are developed and ready to distribute prior to ordinance adoption.	Staff currently developing approved BMP manual with rollout in February of 2022. There are now three CESCL's on city staff to conduct field inspections.
		Regularly sweep city streets, rights-of-way, parking lots and other properties to remove particles	Monthly street sweeping of entire city.	Maintain records of monthly street sweeping and frequency of parking lot sweeping.	Annual review	Records of sweeping efforts and amount of debris removed.	Records maintained on monthly basis. Approximately 1,050 cubic yards of material removed by the sweeper
All Pollutants	1. Regular sweeping of streets, parking lots, and other impervious surfaces.						
Mercury							

	before transferred to storm system.						program in the last 11 months.
2. Cross connections	Eliminate cross connections of storm system and sewer system as discovered.	Document and map all known cross connections. Prioritize for repair/replacement.	Plan for repair of cross connections in Capital Improvement Plan. Use GIS to map known cross connections.	Annual review	GIS records of known cross connections. Records of repairs.	2 major cross connections remediated – with four newly identified for correction. There are now four cross connection certified members on staff.	
3. Stormwater Master Plan	Finalize Stormwater Master Plan with water quality components.	Complete and adopt stormwater master plan.	Adopt plan.	Year 1-2: Develop draft plan with Engineering Department Year 3-4: Adopt plan	Draft Plan completed by Year 4.	Going to bid in 2022 with consultant selection by Q2 2022.	
4. Stormwater Education	Work with CFWWC to enhance public awareness of stormwater/water quality issues.	Create public outreach documents for city-wide and localized audiences; Maintain on-line library of water quality information; support CFWWC in youth and adult education programs.	Quarterly Riparian Newsletters, annual water bill mailings, presentations to local groups, on-line inventory, Middle school classes at Row River Nature Park, etc.	Quarterly, Annual review	Newsletters, mailers, youth education programs, website, etc.	Quarterly newsletter includes stormwater education piece. Annual water bill insert (October 2021). Website updated quarterly.	
5. Tree planting program	Encourage planting of trees in riparian areas and city parks and on private property to establish canopy coverage and stormwater collection.	Tree USA designation. Urban Forestry Committee's annual work plan. Trees in planting strips and on city property.	Maintain Tree City USA status, including planting trees, maintaining records of preservation efforts, Urban Forestry Committee meetings, etc.;	Annual review	Tree City USA standard, trees planted by Urban Forestry Committee and others, trees planted by CFWWC.	Due to COVID the Urban Forestry Committee did not hold regular meetings and therefore there was not a tree giveaway. The Committee intends to hold a	

			Work with Urban Forestry Committee to do frequent plantings; work with CFWWC to establish trees in riparian areas, etc.				giveaway in the winter of 2022.
6. TMDL planning on website.	Educate the public on TMDL activities and TMDL goals.	Maintain TMDL plan on website. Include annual updates and highlights of program.	Annual review of website (or more frequent with highlight articles).	Annual review	Updated Website.	Website updated quarterly (in line with release of newsletter).	
7. Leaf and tree limb pickups	Reduce amount of vegetative debris in storm system and open water ways.	Perform at least two city-wide leaf and tree limb pickups to reduce amount of debris dumped on street or into open water ways.	Records of tree limb and leaf pickups. Amount of debris removed from system.	Bi-annual	Bi-annual pick-up	Bi-annual pickups performed Limbs: 5/3-7/21, 5/17-21/21 (405 yards of lib debris total). Leaves: 11/16-20/2020 & 11/30-12/4/2020 & 12/14-18/2020(1625 yards of leaf debris total).	
8. City Council support for water quality efforts	Ensure City Council aware of TMDL requirements and plan and city-wide efforts to improve water quality.	City Council meeting overview and acknowledgement of TMDL plans and annual and 5 year reports.	Annual report presented to City Council; Annual City Council meeting minutes.	Annual review	Send City Council link to city's TMDL materials that are available online	On going.	
9. Non-point source contamination and illegal discharges into waterways.	Continue to conduct bi-weekly monitoring capacity.	Partner with watershed councils and schools to increase region-wide monitoring.	Bi-weekly monitoring of temperature, dissolved oxygen, e-coli, phosphorous, nitrate, and turbidity to establish a baseline.	Bi-weekly, ongoing	Monitoring project with local schools and CFWWC.	CFWWC monitoring project – 6 times throughout the year.	

Increase enforcement capacity.	Investigate the city's capacity for added enforcement: Improve language of Nuisance Code to provide mechanism for enforcement against illicit discharges. Develop public education and outreach program to educate public about illicit discharge elimination.	Adoption of revised ordinance language Track outreach efforts	Year 1-2: Develop code language for IDDE Year 3: Adopt code Year 3-5: Develop public education program	New Nuisance Ordinance. Reporting system and record keeping. Educational materials.	Enforcement of new ordinance for hazardous and vacant buildings. Added .5 FTE for Code Enforcement.
	Public employee pollution prevention training programs and stormwater management training.	Regional training sessions. Regular training on IDDE.	Annual review	Identify training needs in advance of each reporting period or calendar year.	On going.
	Take advantage of non-point source grant opportunities.	Work with local watershed council to create an inventory of grants available and apply for grants applicable to our area.	Annual review	Records of grants pursued.	Meet frequently with watershed council to discuss grant opportunities.
Educate public of actions that individuals can take to minimize stormwater impacts.	Distribute flyers with stormwater tips in water bills.	Number of flyers distributed.	Annual	Water bill mailing.	Water bill mailing October 2021.
		Work with a local group to complete labeling of stormwater drains to warn people not to dump.	Annual review	Map of labeled drains.	Part of master plan development, 2021-22.

10. Stormwater discharge.		Update City website with information or links related to water quality protection.	Website has up-to-date information that is relevant to protecting water quality	Annual review	Website information is kept current on ongoing basis	Reviewed with each newsletter, quarterly.
	Install Pollution control manholes before exit to river.	Map and document existing pollution control manholes and opportunities for new pollution control manholes. Install new pollution control manholes as possible with ongoing public works projects.	Complete inventory. Number of new manholes installed.	Complete; update as needed	Map of installed pollution control manholes. Inventory of desired locations for pollution control manholes. Number of new manholes installed.	Work performed on 25 manholes. 2 manholes that were a cross contamination problem. appx 3MIL gal/day were taken out of the sanitary sewerage system.
	Update stormwater management plan.	Work with public works staff and stakeholders to update stormwater management plan.	Stakeholder meetings, community outreach.	By Year 4: Initiate planning process to update stormwater management plan By Year 5: Adopt revised stormwater management plan	Updated Stormwater Management Plan.	No progress during reporting period.
	Encourage the construction and development of Green Streets and bioswales in new development projects.	Investigate incentive opportunities. Use City Parks and properties as examples (such as Row River Nature Park and Trailhead Park). Change council policy to allow stormwater retention. Develop text projects on city	Number of retention facilities and green stormwater systems constructed each year.	Year 3: Identify city projects to use as tests for LID manual By year 5: construct 1-3 LID projects	Adopted LID manual and stormwater policies or regulations. Number and type of implemented LID projects.	No progress during reporting period.
	Encourage the construction of stormwater retention facilities.		Adopt new policy. Review projects annually Number and type of implemented	Year 1-3: Complete LID manual and adopt stormwater management regulations	Adopted LID manual and stormwater policies or regulations.	No progress during reporting period.

			property. Work with property owners to retrofit existing parking lots and development sites.	stormwater retention projects.	(Chapter 3-5 of Development Code) Year 3: Identify projects on city properties to use as test sites Years 4-5: construct stormwater retention facility example Years 1-5: Annual report (by December) Year 5: Updated TMDL plan	Annual reports.	On going.
	11. TMDL review and updating	Review and update TMDL plan as required by DEQ.	Submit annual report to DEQ on status of TMDL implementation. Review and update TMDL every 5 years.	Annual report. Review and update TMDL with assistance of advisory committee per TMDL implementation cycle.		Updated TMDL plan.	

Active Layer: Asset Saved Searches: --SELECT-- Clear Selection Print Email Map Selection

Style: --Choose Color-- --Choose Size--

Search By Id

This figure is an aerial map of Cottage Grove, Minnesota, displaying a large number of red circular markers representing assets. The map includes several labeled locations: Fir Grove Cemetery, Cottage Grove High School, Walmart Supercenter, Safeway, and Pacific Hwy. Highway markers for 99 and 6 are visible. The map interface includes a top navigation bar with options like 'Active Layer: Asset', 'Saved Searches: --SELECT--', 'Clear Selection', 'Print', 'Email Map', and 'Selection'. Below this is a 'Style' section with '--Choose Color--' and '--Choose Size--' dropdowns. A search bar labeled 'Search By Id' is present. On the left side, there is a vertical toolbar with icons for zooming in (+), zooming out (-), full screen, and other map controls. The bottom right corner of the map area shows the 'Leaflet' logo.