

Stormwater Management Program Budget

City of Fairview Stormwater Management program costs for Permit Year 26 are primarily associated with the Department of Public Works.

Stormwater fund expenditures and anticipated budget allocations incorporate wages and benefits, operating materials, equipment repair/maintenance, water testing (NPDES compliance), storm water disposal (NPDES permitting), improvements, and general administration.

Street fund expenditures and anticipated budget allocations incorporate wages and benefits, operating materials, maintenance services (including IGA with Multnomah County), equipment repair/maintenance, improvements, traffic calming, footpaths and bike trails, and general administration.

The table below outlines fund expenditures for PY 26 and provides the anticipated budget for Permit Year 26.

Table 4-1		
	2020-2021	2021-2022
Program Area	PY 26 Expenditures	PY 27 Anticipated Budget
Stormwater Fund	TBD	TBD
Street Fund	TBD	TBD

Section Four – City of Fairview Summary of Program Monitoring

Municipal National Pollutant Discharge Elimination System Annual Report for Permit Year 26, Permit #101315, November 1, 2021

Executive Summary

The City of Fairview (City) manages the stormwater system with the goal of reducing pollutants to the maximum extent practicable, preventing flooding and enhancing natural resources. The City is a co-permittee with the City of Gresham on the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit (#101315).

DEQ reissued the Permit on December 30, 2010 requiring the City to modify the SWMP to reflect the new permit conditions. The City's 2011 SWMP incorporates the new Permit conditions and includes best management practices (BMPs) and other elements intended to reduce the introduction of pollutants to the maximum extent practicable (MEP). The Stormwater Management Plan (SWMP) was modified on December 29, 2015 in accordance with Schedule B.6.a of the City's NPDES MS4 permit requirement for updates.

This Permit Year (PY) 26 Annual Report documents implementation activities from July 1, 2020 through June 30, 2021 within the city limits of Fairview. Activities include, but are not limited to, the Best Management Practices (BMP) contained within the Stormwater Management Plan (SWMP). The status of the BMPs and adaptive management are summarized in the table that follows. Table 4-2 (Prioritization Criteria) summarizes the time period July 1, 2020 to June 30, 2021 implementing the 2011 SWMP. Section 2 of this report summarizes the Environmental Monitoring Program that is conducted by the City of Gresham on behalf of the City of Fairview.

As part of the annual adaptive management process, data and feedback were collected from staff responsible for implementing/reporting on each BMP. Factors considered include but are not limited to: Was the BMP measurable goal attained? If not, describe circumstances why, and how progress will be made toward future attainment. For multi-year BMPs, were milestones or timelines met? Can we feasibly refine or improve the BMP to gain efficiency or effectiveness in removing stormwater pollutants? In addition to assessing the implementation of each BMP, staff weighed resource availability and needs related to the overall stormwater program, including consideration of budget/funding, training needs, new technology and available equipment. The annual adaptive management process will inform any alterations to the stormwater program or future modifications to the SWMP.

There are no Urban Growth Boundary expansion areas contiguous to the City of Fairview. Consequently there are no associated concept planning, significant land use changes or significant development activities to report for PY 26.

Section Four: City of Fairview Stormwater Management Plan Summary							
BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
SWMP Element #1- Illicit Discharge Detection and Elimination							
Illicit Discharge Enforcement	Ongoing	<p>Implement City code sections 13.40.050 and 13.40.110:</p> <ul style="list-style-type: none"> City code section 13.40.050 prohibits constructing, using, maintaining, or continuing an illicit connection to the storm drain system. City code section 13.40.110 discusses enforcement actions for failing to comply with control of non-stormwater discharge. The penalty for a first violation is \$250. A penalty of \$1,000 may be imposed for each subsequent failure to comply and each day of a continuing violation shall constitute a separate offense. <p>The City may order compliance by written notice that includes performance of monitoring, analysis, and reporting; elimination of illicit connections or discharges; abatement or remediation; payment of fines; and implementation of source control or treatment BMPs. The public works director may also exercise authority to enforce a construction permit or NPDES permit through a stop work order if necessary.</p>	For identified illicit discharges conduct appropriate enforcement actions.	Track number, location and resolution of enforcement actions.	There was (1) total illicit discharge investigation, enforcement and clean up implemented this PY 26; are as follows: 1. 1425 NE Village Street The Enforcement details are as follows: 1. On February 4th, 2021 the City received a complaint and recorded video stills that showed a person dumping liquid into the storm drain. The City investigated the incident and sent the resident a letter detailing the evidence, Fairview's Code on "Discharge Prohibition an dEnforcement". Ultimately the responsible party was fined a total \$250.00 penalty.	No modification	Civil Engineer Engineering Technician
Illicit Discharge Field Screening Procedures	Ongoing	<p>Conduct dry weather inspections of accessible outfalls following the procedure in the Stormwater Operation and Maintenance (O&M) Manual to search for, detect, and prevent illegal dumping of pollutants and illicit connections (including connections from sanitary sewers and commercial and/or industrial wastewater sewers) to the storm sewer system. Any dry weather flows identified will be reported to the public works department.</p> <p>Annually update maps as necessary to indicate field screening locations.</p>	Inspect accessible outfalls annually. Maintain maps of outfall inspection locations.	Track number and percent of outfalls inspected.	<p>The City of Fairview has reviewed its outfall inventory and identified a total of 38 outfalls; 8 of which are categorized as high priority outfalls. Inspected 37 out of 38 outfalls (97) this PY 26. The 1 outfall not inspected was inaccessible at the time of inspection and City is working to solve this issue.</p> <p>Records are maintained in paper and electronic form. The City will continue to update its GIS map as needed.</p>	No modification	Storm Lead Worker Engineering Technician
Illicit Discharge Investigation Procedures	Ongoing	<p>Implement follow-up actions on a prioritized basis when problems are reported to the public works department. Follow up actions may include sampling for pH, dissolved oxygen, temperature, conductivity, ammonia, and total chlorine. If elevated results or poor water quality are detected, additional samples could be collected for lab analysis. If screening results indicate a potential problem, staff will conduct upstream investigations.</p> <p>The City will revise and document standard operating procedures to address new permit requirements and to document and update the details of the illicit discharge field screening and investigation procedures by June 30, 2012.</p>	<p>Annually review and update Illicit Discharge and Investigation Procedures related to mapping, enforcement response and pollutant parameter action levels.</p> <p>Respond to illicit discharges within 5 days of source identification..</p>	Track number and type of problems reported, and track problem resolutions. Track status of revisions to procedures.	<p>See BMP 1:1 (Illicit Discharge Detection and Elimination_Enforcement).</p> <p>There are (1) total of IDDE investigations conducted this PY 26, which resulted to enforcement actions. There were no samples taken from all the (1) incidents.</p>	No modification	Civil Engineer

Section Four: City of Fairview Stormwater Management Plan Summary

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
Spill Prevention	Ongoing	<p>Wellhead Protection Program. The wellhead protection program serves to prevent spills and illegal dumping. The City will work to maintain its existing agreement with the City of Gresham for wellhead inspection in the Columbia South Shore Well Field Wellhead Protection Area and continue to implement wellhead protection throughout Fairview for the protection of groundwater. This program is included here because of its residual benefits to stormwater.</p> <p>Wellhead Protection - Intergovernmental Agreement. The City of Gresham and the City of Portland entered into an intergovernmental agreement for the Implementation of the Columbia South Shore Well Field Wellhead Protection Program in 2003 (City of Gresham contract number 1609). This agreement provides protection of the Columbia South Shore Well Field Wellhead Protection Area lying within Gresham and Fairview from contamination by hazardous substances generated at industrial and commercial facilities.</p> <p>Fairview has adopted Ordinance #12-2002 to protect the Columbia South Shore Well Field Wellhead Protection Area from contamination by hazardous substances by establishing an inspection and enforcement program governing the utilization, storage and transportation of hazardous materials in Fairview's portion of the Columbia South Shore Well Field Wellhead Protection Area.</p> <p>A wellhead inspection is performed at commercial and industrial facilities by the City of Gresham. The entire city, except for a residential area, high school and park, is included in the wellhead protection program.</p> <p>Fairview, Gresham and Portland Staff meet at least annually to discuss any changes to code provisions and any rules promulgated thereunder by either party. Wellhead Protection - City Code and Reference Manual.</p> <p>Wellhead protection is discussed in City code chapter 16.10. A wellhead protection program reference manual has been developed that establishes the wellhead protection boundaries. The code also includes requirements for reporting, standards, and inspections related to the storage, handling, use and transportation of hazardous materials; penalties for violations and enforcement actions; compliance requirements; building and site permit review and approval requirements; and inspection fees.</p>	Coordinate with the City of Gresham to conduct inspections once during the permit term of all businesses with regulated quantities of hazardous materials in the well field.	Track the number of inspections conducted.	<p>City of Fairview with 3.5 square miles geographic area is located in the Columbia South Shore Wellfield Protection Area. City of Fairview maintains the existing Intergovernmental Agreement with the City of Gresham established in 2003 for inspection of the regulated and monitored industrial/commercial facilities in the Columbia South Shore Wellfield Protection Program, (Zone 1).</p> <p>There were a total of (18) total of regulated industrial/commercial facilities that were inspected during PY 26. Updated and most recent Hazardous Material Inventory Report (HMIR) and Site Plan were required in the notification letters that were sent to both regulated and monitored facilities last October, 2021 with January 31, 2017 deadline. The reporting is a tool used to evaluate and assess the classification of facilities; either an upgrade or downgrade of being regulated or monitored facilities. The 8 inspected regulated facilities are as follows:</p> <ul style="list-style-type: none"> • Iron Eagle Trailers - 2414 NE Sandy Blvd, FV • Knights Transportation - 23033 NE Torsend Way, FV • Blue Lake Auto and RV Repair- 2650 NE Fairview Parkway, FV • Rich's Tree Service - 20321 NE Sandy Blvd, FV • Connor Manufacturing - 22867 NE Townsend Way, FV • Hyster - Yale Group Inc. - 4000 NE Blue Lake Rd, FV • Yamaha Sports Center - 22455 NE Halsey St, FV • Moore Excavating Inc. - 5501 NE 223rd Ave, FV • Dirt and Aggregate Interchange, Inc.- 20905 NE Sandy Blvd, FV <p>The Columbia South Shore Well Field Protection Program Committee meets quarterly to discuss any changes to code provisions and updates of the Wellhead Protection Program Reference Manual.</p>	No modification	Civil Engineer Engineering Technician City of Gresham (IGA)

Section Four: City of Fairview Stormwater Management Plan Summary								
BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party	
Spill Clean-up	Ongoing	<p>Maintain agreement with the City of Gresham Fire Department for clean-up after structural fires and vehicular accidents to prevent pollutants and debris from being washed into the storm drain system.</p> <p>When there is a hazardous spill or a spill of any other substance that:</p> <ul style="list-style-type: none"> • Is hazardous in any quantity • Is non-hazardous and greater than 42 gallons on the ground • Or is any quantity that has entered a waterway or a dry well. <p>The City of Gresham Fire Department staff notifies the Oregon Emergency Response System (OERS). OERS then notifies the Oregon Department of Environmental Quality (DEQ) and other state and local agencies that may be affected. The responsible party, if identified, is required to contact an environmental clean-up company and pay for clean-up costs. Examples could include spillage of a 55-gallon-drum of restaurant grease or sanitary sewer overflows on private property, resulting in or having the risk of resulting in, discharges to the public stormwater system. DEQ remains the enforcement authority in these cases. DEQ may choose to enforce against the responsible party under the following conditions: 1) the party has acted maliciously; 2) the party is a repeat offender; or 3) the party has failed to report the incident to DEQ.</p>	<p>Maintain agreement with City of Gresham Fire Department.</p> <p>Investigate spills and provide emergency containment and clean-up as necessary.</p>	<p>Track spill locations, type of materials and response activities.</p>	<p>There were no reported or recorded spill incidents that took place during PY 25 within the City of Fairview's jurisdiction.</p>	<p>No modification</p>	<p>Gresham Fire Civil Engineer PW Superintendent</p>	

Section Four: City of Fairview Stormwater Management Plan Summary							
BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
		<p>Non-Hazardous Substances Public Works staff will investigate and provide emergency containment and clean-up as necessary. If the responsible party can be identified, he or she is directed to provide containment and site clean-up. If the spill is an imminent threat to waters of the state, the City reserves the right to provide clean-up and bill the responsible party for the work. The responsible party will be invoiced for any response and clean-up provided by the City. Examples include spills or dumping of paint, auto fluids, carpet cleaning wastes or concrete, etc. into catch basins or onto the street.</p> <p>In non-emergency situations, such as dumping of debris on private property near a stream bank, Public Works staff will notify the responsible party, verbally and in writing, and specify a timeframe for clean-up. Staff will refer the incident to Code Enforcement if the responsible party does not respond within the specified time frame. Code enforcement has the authority to issue Abatement Procedures, Violations or Civil Actions.</p>			None, see above report.		
Municipal vehicle monitoring and maintenance	Ongoing	Ensure that materials from municipal vehicles do not leak, spill, or otherwise release contaminants onto roadways or open spaces where they may be washed into storm drains or waterways. Municipal vehicles are inspected by the driver during loading and unloading. If any leaks are observed between the regular maintenance the vehicles are repaired immediately.	Maintain vehicles on a 6-month schedule.	Track status of municipal vehicle maintenance.	All City fleet vehicles (Public Works and Administration) were regularly maintained and serviced as scheduled (every 6 months) with auto service providers. No vehicular leaks were detected.	No modification	PW Superintendent
Water Line Flushing	Ongoing	The City periodically flushes all public water lines to ensure the reliability and quality of the domestic water system. To minimize impacts to the storm system, discharges are dechlorinated with the use of ascorbic acid (vitamin C). The flushing crew periodically tests the chlorine levels of the discharge prior to entering the storm system.	Dechlorinate waterline flushing with vitamin C.	NA	All lines flushed according to procedures. No chlorine detected.	No modification	Water Lead Worker

Section Four: City of Fairview Stormwater Management Plan Summary							
BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
SWMP Element #2- Industrial and Commercial Facilities				1200Z			
Industrial and Commercial Facility Inspections	Ongoing	Implement the City's Industrial and Commercial Facility Inspection procedure that is included in the Stormwater Operation and Maintenance Manual to control the discharge of pollutants in stormwater from industrial and commercial facilities to the municipal separate storm sewer system.	<p>Spend 40 hours implementing commercial and industrial inspection procedures.</p> <p>Review and/or inspect all applicable facilities once during the permit term.</p>	Track number of facility inspections and follow-up.	<p>The City inspected four (4) regulated industrial/commercial facilities during this PY 25. Inspection procedures were in conformance and compliance with the City of Fairview's Stormwater Operation and Maintenance Manual and the Columbia South Shore Wellfield Protection Program Reference Manual.</p> <p>A total of 35 inspection hours (pre-documentation, inspection / photos, final documentation and follow up) were spent this PY 25. The City coordinated with a large development to have all of their swales maintained.</p>	No modification	Civil Engineer Engineering Technician
Screen Industries/Businesses and Track NPDES Stormwater Permits	Annually	<p>Annually, the City will review their business license inventory to determine whether any new facilities would be subject to an industrial stormwater NPDES permit. This determination will occur based on a review of the applicable SIC codes related to the 1200-series NPDES permit. If a facility is identified that would be subject to an industrial stormwater NPDES permit, the facility and DEQ will be notified within 30 days.</p> <p>During industrial and commercial inspections staff will obtain a copy of the facility's permit or work with the facility to either obtain a permit, or eliminate the potential for contact of pollutants with stormwater, thereby eliminating the need for a permit. In cases where discharges appear contaminated, the City will send a copy of the inspection report to DEQ.</p>	Annually notify DEQ of any existing or new industrial facilities within the City's jurisdiction that may potentially be subject to an industrial stormwater NPDES permit.	Track number and type of new facilities identified as needing permits.	<p>Screening process of applicable Industrial/Commercial SIC codes reflecting the 1200-series NPDES permit is being conducted during pre-application review process of land use permit.</p> <p>There were no new developments requiring 1200-Z permits during this PY 26.</p>	No modification	Civil Engineer Engineering Technician

Section Four: City of Fairview Stormwater Management Plan Summary

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
SWMP Element #3 - Construction Site Runoff Control				1200C			
Erosion Control Activities	Ongoing	<p>Ordinance 3-1993 adopts an erosion control plan. The ordinance includes an Erosion Control Technical Guidance Handbook (Technical Guidance) that describes regulations, standards and provisions for erosion control as well as fees and penalties for violation. The City enforces the erosion control requirements through a permitting process required for sites disturbing 500 ft² or more as discussed under the BMP, Development Review.</p> <p>The Technical Guidance prescribes the following four steps to consider in planning for erosion control: Step 1: Identify Site Characteristics Step 2: Lay Out Preconstruction Plan and Proposed Base Measure Step 3: Measures During Construction Step 4: Post Construction Measures</p> <p>The Technical Guidance also has requirements for single-family homes and duplexes on existing lots of record, private developments construction, private construction in public rights-of-way, public works construction, erosion control measures, inspections and enforcements, and penalties. Non-stormwater wastes on construction sites are also addressed through the City's nuisance ordinance in Chapter 8 of the municipal code.</p>	<p>Inform all construction site owners that have 1 acre or more of disturbed land that they are required to obtain a 1200-C permit from DEQ.</p> <p>Projects that disturb more than 500 ft² are required to obtain a City erosion control permit.</p> <p>Review development sites required to meet City erosion control requirements.</p>	<p>Track the number of erosion control permits issued annually.</p>	<p>Resolution 49-2013 approved compliance order agreement with Environmental Protection Agency to implement reporting requirements and standards associated with the NPDES stormwater permit which includes adoption of the Erosion Prevention and Sediment Control (EPSC) Manual from the City of Gresham (Ordinance 2-2014). The City developed a standard operating procedure for implementation of Erosion and Sediment Control Standards.</p> <p>A total of 2 1200-C Construction General NPDES Stormwater permits were issued by DEQ during PY 26 for sites disturbing more than 1 acre. No erosion and sediment control permits were issued for sites disturbing less than 1 acre.</p> <ul style="list-style-type: none"> AGP - 22860 NE Townsend Way, FV Fairview Food Cart Pod - 22320 NE Halsey Street, FV 	No modification	Permit Tech Civil Engineer
Erosion Control Program Training	Ongoing	The Erosion Prevention & Sediment Control Technical Guidance describes regulations, standards and provisions for erosion control as well as fees and penalties for violation.	Provide a copy of the Technical Guidance to all developers and contractors.	N/A	Erosion Prevention and Sediment Control (EPSC) manuals are made available with the erosion control permit applications during the planning development review process.	No modification	Permit Tech Civil Engineer Engineering Technician
Construction Site Inspections	Ongoing	<p>The City currently reviews plans and inspects construction sites required to meet the City's erosion control standards using the following procedures:</p> <p>1. Visit every site over 1 acre after the first significant rainfall event and periodically thereafter.</p> <p>If time is limited, the City prioritizes inspections by visiting problem sites first, then visiting facilities that would have the highest environmental effect if the erosion control failed.</p>	<p>Inspect all construction sites required to meet City erosion control standards.</p> <p>Make the Erosion Prevention & Sediment Control (EPSC) manual available online.</p> <p>Annually review code provisions.</p>	<p>Track the number of sites that were permitted and inspected.</p> <p>Report the number and type of enforcement actions.</p>	<p>Four new Erosion Prevention & Sediment Control permits were issued and inspected during PY 25. All were in compliance with the City's Erosion Prevention & Sediment Control (EPSC) standards.</p> <p>No violations were noted this PY 25.</p> <p>A total of 60 EPSC inspections were performed on 15 sites with 1200-C permits in PY 25.</p> <p>Sites with active 1200-C Permits were inspected following 1/2" of precipitation.</p> <p>The municipal code is reviewed for compliance with stormwater requirements on an annual/ongoing basis.</p>	No modification	Permit Tech Civil Engineer Engineering Technician

Section Four: City of Fairview Stormwater Management Plan Summary

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
SWMP Element #4 - Education and Outreach							
Educational Activities	Ongoing	<p>The City supports community programs, publishes articles in the City newsletter and coordinates with the City of Gresham where appropriate. Current City public education programs that are related to stormwater include educational programs on stormwater quality and the use of nonpolluting alternative garden products, including low-volume uses of pesticides, herbicides, and fertilizers (e.g., household uses). The City also supports the following programs:</p> <ul style="list-style-type: none"> • Programs with local area schools • Programs with volunteer groups • Columbia Slough Watershed Council activities • Business Assistance Program – Private Catch Basin Cleaning • Spring Clean-up • Metro Hazardous Waste Clean-up • Informational kiosks at City events and City Hall • Doggy Don't waste bag 	<p>Publish stormwater related articles in the City newsletter.</p> <p>Support local education programs.</p>	<p>Track newsletter articles produced annually.</p> <p>Track activities conducted to support local education programs.</p>	TBD	No modification	Civil Engineer Engineering Technician Development Analyst
					<p>Educational Outreach Articles:</p> <p>The City of Fairview utilizes the local monthly newsletter "Fairview Point" to provide educational materials related to stormwater. There was no Fairview on the Green event due to Covid-19 pandemic. Applicable articles are as follows:</p> <ol style="list-style-type: none"> 1. Levee Ready 2. Falling Leaves can Clog up Catch Basin 		
Report Illegal Dumping and Illegal Connections	Ongoing	<p>Continue to facilitate efforts by the public to report illegal dumping, illicit connections, and other incidents. Implement public reporting program as described in the Stormwater Operation and Maintenance (O&M) Manual.</p>	<p>Respond to reports and/or complaints from citizens regarding observed water quality problems.</p>	<p>Track the number of reports/complaints received, and the follow-up actions conducted (including the timing of the follow-up action).</p>	<p>Fairview 1 citizens reported complaints this PY 26 impacting stormwater quality.</p> <p>See details on BMP 1.1 (Illicit Discharge Enforcement) and BMP 1.3 (Illicit Discharge Investigation).</p> <p>All complaints were addressed in compliance and conformance to the City of Fairview Municipal Code, Stormwater Operation & Maintenance Manual and the Columbia South Shore Wellfield Protection Program. The two complaints were resolved as it turned out to be natural bio-degradation causing sheen in Fairview Creek. The second was found to be a spring occurring. The third was concluded that their sewer lateral connection to the main showed I&I which will be resolved during the Interceptor Sewer Project now in PY 25.</p>	No modification	Civil Engineer PW Superintendent Code Compliance

Section Four: City of Fairview Stormwater Management Plan Summary

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
Illegal Dumping and Illegal Connections, Public Education	Ongoing	Educate the public about the harmful effects of dumping oil, antifreeze, pesticides, paints, solvents, and other potentially harmful chemicals into storm sewers or drainage channels.	Support recycling and disposal programs; programs that provide convenient means to dispose of materials, existing solid waste management programs. Educate the public regarding the stormwater pollution that results from dumping and illegal connections.	Track the number of public recycling and disposal programs conducted annually.	The Fairview Point contains outreach articles educating the public about harmful effects of dumping hazardous materials and waste into storm sewers or drainage channels as well as public recycling and disposal information. The City's website posted contact information as well about reporting illegal dumping and illegal connections (BMP 4.3). Staff also track public complaints, reports, and inquiries regarding illegal dumping, connections. There were 3 news letter articles published during PY 26 about educational outreach on healthy environment.	No modification	PW Assistant Metro Recycling
Participate in a Public Education Effectiveness Evaluation	Ongoing	By November 1, 2014, the City of Fairview will coordinate with other local, Phase I jurisdictions to provide information related to an effectiveness evaluation. The effectiveness evaluation information will focus on assessing changes in targeted behaviors and will allow for additional information that can be used in adaptive management of the City's education and outreach strategy.	Coordinate with other local jurisdictions in providing/compiling information regarding a public education effectiveness evaluation by November 1, 2014.		City of Fairview submitted "Public Education Effectiveness Evaluation" report (Schedule A.4, NPDES Permit Term 2010-2015) to DEQ on November 1, 2015.	No modification	Civil Engineer
Staff Education and Training	Ongoing	Conduct training for new employees and contract employees on stormwater requirements and train existing employees when there is a significant update to the documents used by the City that regulates stormwater pollution control activities.	Provide annual training to personnel involved in stormwater management.	Track personnel receiving training annually and document the trainings received.	City of Fairview's engineering staff conducted (1) in-house training with seven (4) Public Works Operation & Maintenance staff during PY 25. Topics discussed included instruction on how to install a Catch Basin insert and what maintenance issues to look out for. The Civil Engineering Technician has attended 1 training during PY 26 (July 1, 2020 to June 30, 2021). 1. 11/17/2021 ACWA SW Meeting	No modification	Civil Engineer Civil Engineering Technician PW Superintendent Development Analyst

Section Four: City of Fairview Stormwater Management Plan Summary							
BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
SWMP Element #5 - Public Involvement and Participation							
Provide for Public Participation with the annual report, SWMP and Benchmark Submittals	Annually by November 1	Co-permittees must submit an annual report for the portion applicable to its jurisdiction by November 1 of each year. SWMP revisions and pollutant load reduction benchmarks are required for submittal to DEQ at the permit renewal submittal (180 days prior to permit expiration). Prior to submittal of these items, the City will provide the public with an opportunity to comment on the annual report, revisions to the SWMP and proposed pollutant load reduction benchmarks. The documents will be made available on the City's website or through web links. Comments on the documents will be collected and considered and a response to comments will be provided.	Provide for public participation with the annual report, SWMP and pollutant load reduction benchmarks prior to the permit renewal application deadline.	N/A	Public review and comments were solicited for public participation through publication on the City's website during PY 26.	No modification	Civil Engineer
SWMP Element #6 - Post-Construction Site Runoff							
Development Review for Private Projects	Ongoing	Implement and enforce regulations which give legal authority to: 1) require site-drainage designs and systems which address water quality; and/or 2) minimize the total volume of runoff and the peak rate of runoff, where local conditions permit. The City implements these regulations through its Community Development Department and Public Works Department. New development and redevelopment projects are reviewed for conformance to the following existing City regulations: <ul style="list-style-type: none"> Fairview Comprehensive Plan, June 2004 – provides the guiding direction to protect the natural environment and ensure that long-term growth does not adversely affect the natural resources. Community Development Department–Land Use and Building Permits; Land Use Code Enforcement. Title 19, Development Code–requires accommodation and treatment of stormwater runoff and system installation conforming to standards and specifications adopted by the City. City of Fairview Standard Specifications for Public Works Construction 	Review development plans for conformance with standards. Maintain map of private water quality facilities	Track acreage of new and re-development activities requiring stormwater treatment annually. Track the number and type of private water quality BMPs built.	There were 7 development reviews for private stormwater management facilities and no development reviews for public stormwater management facilities in PY 25. Private Stormwater Management Facilities: <ul style="list-style-type: none"> Truck Depot (5.44 Acres) Fairview Food Carts (1.53 Acres) AGP (5.73 Acres) Halsey Commons continued (0.37 Acres) Fairview Village (1.76 Acres) Vista Villa Sunbdivision (2.88 Acres) The City will continue to update its GIS mapping	No modification	Permit Tech Civil Engineer

Section Four: City of Fairview Stormwater Management Plan Summary

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
Review Applicable Code and Development Standards related to Stormwater Management	1-Jan-14	Review and the City's current stormwater treatment standards for compliance with new MS4 NPDES permit language by January 1, 2014. Update the City's post-construction stormwater design standards and code language. Document the City's post-construction inspection and enforcement response procedures by January 1, 2014	Update the municipal code, design standards and enforcement procedures to eliminate barriers to LID and to implement stormwater management requirements.	Track progress related to the review of the City's code and development standards per provisions in the MS4 NPDES permit.	This requirement has been completed. The City continues to review and update its code and development standards as needed to meet the requirements of the permit.	No modification	Civil Engineer Senior Planner PW Director
Design Standards for Public Projects	Ongoing	Follow the Standard Specifications for Public Works Construction which requires treatment of stormwater runoff through the use of BMPs. Maintain database of BMPs that are implemented.	Ensure that public works stormwater related projects address treatment of runoff as appropriate.	Number and type of public stormwater quality BMPs built.	The following CIP stormwater related projects are identified in the project list of the Consolidated SW Master Plan (CSMP) and were designed/constructed this PY 25: • NE 7th St. (Cedar to Lincoln) Sidewalk Infill Improvement Project: Design was performed completed in-house and construction began on September 2020 PY 26 that consisted of 1 catch basin installation and connection to an existing storm main line in the Raintree Basin. • EV 1, Fairview Creek Between Halsey/L 84: City of Fairview has Coordn	No modification	Civil Engineer Engineering Technician

Section Four: City of Fairview Stormwater Management Plan Summary

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
SWMP Element #7 - Pollution Prevention for Municipal Operations							
O&M Plan	Ongoing	Use the O&M Plan as a guide for designing and maintaining public storm facilities in order to maximize water quality benefits while maintaining flood capacity. The O&M Plan is intended to help locate and eliminate pollutants and provides a framework for maintaining field inspections records.	Implement the procedures in the O&M Plan. Review the O&M Plan by November 1, 2013, and update as necessary to maximize water quality benefits while maintaining flood capacity.	Track annual changes made to the O&M Plan	O&M Plan updated. Permit requirement met. No updates were made to the procedures in the O&M Plan in PY26.	No modification	Civil Engineer PW Superintendent Storm Lead Worker
Right of way – O&M	Ongoing	The City contracts with Multnomah County for road maintenance that includes street sweeping, roadside mowing, brushing and pavement maintenance. The maintenance program is substantially similar to, and at least as protective as, the ODOT Routine Road Maintenance program approved under the current 4(d) limit.	Maintain contract with Multnomah County for road maintenance.	N/A	City of Fairview maintains an IGA with Multnomah County for road maintenance activities. Road maintenance activities performed at county roads this PY 26, are as follows: <ul style="list-style-type: none"> • Catch basins cleaning - one time: October. • Roadside mowing - As needed • Route sweeping - 4 times: October 12,13, 14, 15, 29 April 28,29 May 4 and August 11, 13 • Misc. sweeping (snow gravel pick up) • Crack Sealing Pavement Preventive Maintenance - None this PY 26 • Pavement Marking Restoration - None this PY 26 	No modification	PW Superintendent
Street Sweeping	Ongoing	The City contracts with Multnomah County for street sweeping (approximately 6 times per year). The frequency is based on weather conditions, road conditions and funding.	Maintain contract with Multnomah County.	Track frequency of sweepings.	Multnomah County conducted a total of 3 street sweepings this PY 25. Please see details above, Right of Way operation and maintenance.	No modification	PW Superintendent
De-icing and Yard Debris Activities	Ongoing	Sand and gravel are applied to roadway surfaces to assist with traction during inclement weather. The sand is removed and recycled as soon as possible after the snow or ice event. Yard debris is picked up from residents weekly by the City's solid waste provider.	As weather permits, remove gravel when it is no longer needed.	Track processes conducted for sand and gravel removal.	There was one de-icing events that took place during this PY26: <ul style="list-style-type: none"> • Once in December, 2020 	No modification	PW Superintendent
Native Vegetation	Ongoing	Encourage the use of native vegetation in riparian areas on private and public property to reduce the need for fertilizers, pesticides, and herbicides. Planting and landscape policies for riparian buffer areas encourage use of vegetation (indigenous or imported) that is self-sustainable without the need for pesticides or herbicides. Riparian buffer permits are issued for alterations to the landscape within 50 feet of Fairview Creek, Fairview Lake, the Columbia Slough and their tributaries (City code chapter 19.106).	Review planting plans associated with riparian buffer permits.	Track number of riparian buffer permits.	Applicants for riparian buffer permits were encouraged to use native vegetation that is self sustainable without the need for pesticides or herbicides and to be in compliance with FMC chapter 19.106. This is implemented during the Natural Resources Land Use permitting process. There were (1) dock and (1) riparian buffer permits issued.	No modification	Associate Planner

Section Four: City of Fairview Stormwater Management Plan Summary							
BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
Integrated Pest Management	Ongoing	<p>The City encourages use of the Portland Parks and Recreation Pest Management Guide. This guide emphasizes controlling pests that are harmful to the health or aesthetic value of park plantings in a manner that is cost-effective, safe, and environmentally responsible. It is an approach that uses multi-faceted strategies that minimize negative impacts on the environment and on human health. The controls used in this program include manual, mechanical, cultural, biological and chemical methods. Often a combination of methods is used. Examples of Integrated Pest Management include:</p> <ul style="list-style-type: none"> • Timing of chemical applications to avoid runoff. • Mowing high grass and brush to reduce weed seed crops in rough areas. • Pruning of trees and shrubs to increase air circulation to reduce susceptibility to disease and insect problems. • Appropriate fertilizing to encourage plant health and resistance to pests (i.e., weeds, insects and disease). • Using plants with natural resistance to pests. • Combining turf aeration and over-seeding along with any application of broadleaf weed control to eliminate the cause of the problem, and therefore the need for repeated applications. 		Track City planting projects that incorporate native plants.	<p>There are 27 City of Fairview neighborhood parks and recreation areas encompassing 443.56 acres that were treated with approved Portland Parks and Recreation pesticides, this PY 26. There are 4 Metro parks and 3 Reynolds School District parks in the City of Fairview. Most of these parks were only treated with a mixture of herbicides as needed for invasive or unwanted native vegetation and target spray practices were utilized. Native vegetation was also incorporated in the City planting projects and during maintenance activities.</p> <p>The City's Parks & Recreation Lead worker is a licensed applicator and. attends seminars and trainings related to Parks and Recreation Pest Management.</p> <p>Private stormwater facilities incorporated native plants this PY 26</p>	No modification	Parks Lead Worker
Chemical Applicator Licensing	Ongoing	Maintain staff certification in public pesticide application and follow Oregon Department of Agriculture (ODA) requirements related to herbicide application.	All chemical applications will be supervised by an ODA Certified Applicator.	N/A	The City of Fairview's Parks Lead Worker is a certified Oregon Department of Agriculture (ODA) chemical applicator who updates his certification on biennial renewal period. All events involving chemical applications are supervised by the Park Lead Worker.	No modification	Parks Lead Worker
Track Municipal Facilities	Ongoing	<p>The City has one facility that includes the treatment, storage or transport of municipal waste. This facility is the Corporation Yard Dumpster. Collection of waste from municipal litter receptacles is collected and stored in a dumpster at this site until the City's garbage hauler collects the waste on a weekly basis. The dumpster has a cover on it and runoff from the site is treated by a structural stormwater filter. No additional stormwater management practices are deemed necessary for this site.</p> <p>Update SWPPPs for two municipal facilities and conduct annual inspections.</p>	Annually inspect two municipal facilities (Crestwood and Public Works Shop)	N/A	<p>Public Works crew regularly monitored our Corporation Yard Dumpster facility known as the Crestwood Shop. Waste from municipal litter receptacles is collected and stored in this covered dumpster and collected by City's garbage hauler on a weekly basis. Storm run-off from the site is treated by an Oil-Water separator / Concrete Structural Containment Vault (filter cartridges by Contech). Stockpiles of construction materials needed for maintenance activities are covered and bermed to protect against migration runoff and wind erosion.</p> <p>The Engineering technician will be taking on the role as the inspector for the Public Works Shop and Crestwood Shop as of PY 26</p>	No modification	Civil Engineer Engineering Technician

Section Four: City of Fairview Stormwater Management Plan Summary							
BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
Litter Receptacles	Ongoing	Provide, collect, and maintain litter receptacles in strategic public areas and during major public events to provide disposal of pet waste bags and prevent trash from entering the stormwater system.	Maintain at least one litter receptacle at all public parks greater than 1 acre. Provide collection a minimum of once per week.	Track number of litter receptacles.	There are 43 litter receptacles that are maintained and collected once a week and after significant events. The City of Fairview conducts public outreach through Fairview Outlook monthly magazine on healthy watershed campaign. One of the topics is about "Dog Waste Scooping" and dog waste bag receptacles are provided in every City Park.	No modification	Parks Lead Worker
Sanitary Sewer System Program	Ongoing	Limit wastewater infiltration through the operation, maintenance and construction of the sanitary sewer infrastructure based on existing conditions and projected sanitary flows.	Respond to pump station failures. Perform cleaning of the problem areas of the City's sanitary sewer system. Construct pipe restoration projects to replace defective pipe and reduce inflow and infiltration.	Track identified sanitary problems and resolutions related to the storm system each year.	No sanitary sewer problems or projects were initiated during PY 26	No modification	Civil Engineer Engineering Technician
Consolidated Stormwater Master Plan (CSMP)	Ongoing	The Consolidated Stormwater Master Plan (CSMP) adopted in 2007 combines infrastructure improvements including retrofit opportunities with federal and state water quality requirements. Projects were developed to address water quantity and quality issues, utilizing hydrologic and hydraulic modeling as well as information from the TMDL regulatory program and the NPDES stormwater discharge permit.	Continue to make progress in the implementation of the CSMP. Update CSMP within one year of permit issuance.	Track the number, type and watershed location of projects that are completed.	The Consolidated Stormwater Master Plan (CSMP), CIP project list was updated by the City of Fairview and Brown and Caldwell in 2016. The following projects related Consolidated SW Master Plan (CSMP) and were designed/constructed this PY 25. • NE 7th St. (Cedar to Lincoln) Sidewalk Infill Improvement Project: Design was performed completed in-house and construction began on September 2020 PY 26 that consisted of 1 catch basin installation and connection to an existing storm main line in the Raintree Basin.	No modification	Civil Engineer PW Superintendent

Section Four: City of Fairview Stormwater Management Plan Summary

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status 2020-2021 (PY 26)	Summary and Date of Proposed Adaptive Management Modifications	Responsible Party
SWMP Element #8 -Structural Stormwater Facility Operations and Maintenance							
Inspect and Maintain Public Storm Facilities	Ongoing	Perform inspection and required maintenance as stated in the O&M Plan—clean catch basins and storm pipe, sedimentation manholes, channels and stormwater detention basins in areas where sediment and/or debris tend to accumulate.	Inspect 50 percent of detention lines, ponds, swales and outfalls. Inspect natural stream channels from bridge and road crossing. Clean catch basins and inspect adjacent pipes in one third of the City annually. Clean all water quality manholes (5). Update maps of City Structural Stormwater Facilities.	Track facilities inspected and maintained. Track number of catch basins cleaned. Estimate quantity of sediment removed from catch basins and water quality manholes.	The following are City of Fairview's stormwater quality facilities that are structurally inspected and operationally maintained annually: <ul style="list-style-type: none"> Catch Basins: A total of 490 catch basins are divided into 3 zones for maintenance purposes. Zone 1 (189 CBs), Zone 2 (176 CBs) and Zone 3 (125 CBs). One zone is inspected and maintained annually. Zone 2 was inspected by city staff and cleaned by Multnomah County crew, this PY 25. The City of Fairview has an Inter-Governmental Agency (IGA) with Multnomah County with respect to catch basin cleaning; however, inspection and monitoring is done by Fairview O & M staff. Outfalls: 37 out of 38 total outfalls were inspected (8 High Priority Outfalls) in PY26. Underground Injection Control Facilities (UICs) / Sumps and Sedimentation Manholes: 3 total Detention Ponds: 4 out of 4 detention ponds were inspected in PY26. 	No modification	Civil Engineer Storm Lead Worker PW Superintendent Engineering Technician
Private Water Quality Facilities Inspection and Maintenance	Ongoing	Require plans conforming to the requirements of City of Fairview Standard Specifications for Public Works Construction and City of Portland Stormwater Management Manual at the time of permitting for stormwater facilities related to new private development and redevelopment/retrofitting. Include recording of operations and maintenance plans for stormwater quality facilities.	Ensure new private stormwater facility plans conform to City requirements. Inspect new facilities for conformance to approved O&M plans. Develop a private facility maintenance Standard Operating Procedure within one year of permit issuance.	Track number of inspections conducted and inspection results.	City of Fairview engineering staff participates during pre-application and engineering review routing process for permit acquisition on new private and public agency development and re-development. The reporting staff manages review, comments and feedback on plans, specifications, stormwater reports and calculations during the review process. It is one of the requirements from the consultants and project owners to include submittal of an Operations and Maintenance Agreement, recorded with Multnomah County, for stormwater facility maintenance activities post-construction. A total of 7 private developments were inspected this PY 26. All (7) were conforming to maintenance of their facilities. All (2) are in progress of addressing their stormwater facilities. <ul style="list-style-type: none"> Northbrook Mistwood Apartments AGC Heat Environmental Works Allwood Recyclers Knight Transportation Fairview Terrace 	No modification	Civil Engineer Engineering Technician