

## **Section Four – City of Fairview Summary of Program Monitoring**

### **Municipal National Pollutant Discharge Elimination System Annual Report for Permit Year 20, Permit #101315, November 1, 2015**

#### **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).

This Permit Year (PY) 20 Annual Report documents implementation activities from July 1, 2014 through June 30, 2015 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 BMP's and adaptive management are summarized in the table that follows. Table 4-2 (Prioritization Criteria) summarizes the time period July 1, 2014 to June 30, 2015 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

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 20.

### Stormwater Management Program Budget

City of Fairview Stormwater Management program costs for Permit Year 20 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 20 and provides the anticipated budget for Permit Year 21, (Fiscal Year 2015-2016).

<b>Table 4-1</b>	<b>2014-2015</b>	<b>2015-2016</b>
<b>Program Area</b>	<b>PY 20 Expenditures</b>	<b>PY 21 Anticipated Budget</b>
Stormwater Fund	\$542,370	\$810,462
Street Fund	\$527,491	\$644,619

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
<b>SWMP Element #1- Illicit Discharge Detection and Elimination</b>						
Illicit Discharge Enforcement	Ongoing	<p>Implement City code sections 13.40.050 and 13.40.110:</p> <ul style="list-style-type: none"> <li>City code section 13.40.050 prohibits constructing, using, maintaining, or continuing an illicit connection to the storm drain system.</li> <li>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.</li> </ul> <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.	<p>One enforcement action was conducted during this PY 20. It was a non-compliance issue at 117 NE Crestwood St., Fairview, OR property. It was a violation of Fairview Municipal Code 19.106.040 (Resource Protection Area Requirements). The complaint was initiated by a resident neighbor at 183 NE Crestwood St., Fairview, OR.</p> <p>Violations were clearing of ground cover (native and invasive vegetation); removal of deadfall (good habitats for wildlife) and use of pesticides along the riparian buffer area at Fairview Creek, in front of his property. Our City Code Enforcer discussed with the property owner a proposal of voluntary compliance by establishing a mitigation plan and ignored to reply. The first warning letter was sent on June 8, 2015 with reply required on June 15, 2015; the property owner failed to reply the second time. An abatement letter was sent again on June 19, 2015; again purposely ignored to reply. It was found out that the property was sold on July 9, 2015. Finally, our City Code Enforcer under the authorization of our Public Works Director will execute an enforcement action to the new owner, unfortunately. Hoping that the previous owner disclosed the issue with the new buyer during the sale proceedings. Now, the final conclusion is that these violations are to be litigated between the previous and the new owners.</p>	No modification
Illicit Discharge Field Screening Procedures	Ongoing	<p>Conduct dry weather inspections of accessible outfalls following the procedure in the Stormwater Operation and Maintenance (O&amp;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>	<p>Inspect accessible outfalls annually.</p> <p>Maintain maps of outfall inspection locations.</p>	Track number and percent of outfalls inspected.	Violations for - Containment - Chemical Storage - storm runoff - Enforcement in progress	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
Illicit Discharge Investigation Procedures	1-Jul-12	<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>Develop revised procedures by July 1, 2012.</p> <p>Until procedures are revised, investigate problems reported within 2 weeks of the initial report.</p>	<p>Track number and type of problems reported, and track problem resolutions.</p> <p>Track status of revisions to procedures.</p>	<p>Refer to BMP 1.1_Illicit Discharge Enforcement for event description reflecting BMP 7.5_Native Vegetation / Use of Pesticides.</p> <p>Former property owner at 117 NE Crestwood St., Fairview, OR. was investigated triggered by a neighbor resident complaint at 183 NE Crestwood St., Fairview, OR.</p> <p>The violation addresses the Fairview Municipal Code 19.106.040 (Resource Protection Area Requirements), where the property owner cleared ground cover (native and invasive vegetation); removed deadfall (good habitat for wildlife) and the use of pesticides along the riparian buffer area at Fairview Creek, in front of the property. Our City Code Enforcer conducted an assessment and evaluation of the complaint and discussed with the property owner a proposal of voluntary compliance by establishing a mitigation plan and ignored to reply. Please see the result and conclusion in BMP 1.1_Illicit Discharge Enforcement.</p>	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
Spill Prevention	Ongoing	<p><b>Wellhead Protection Program.</b> 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><b>Wellhead Protection - Intergovernmental Agreement.</b> 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.</p> <p>Wellhead Protection - City Code and Reference Manual.</p>	Once during the permit term, conduct inspections of all businesses with regulated quantities in the well field.	Track the number of inspections conducted.	<p>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 nine total of regulated industrial / commercial facilities that were inspected this PY 20. Hazardous Material Inventory Report and updated Site Plan notification letters were sent to both regulated and monitored facilities last October, 2014 with November 28, 2014 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 nine inspected regulated facilities are as follows:</p> <ul style="list-style-type: none"> <li>• Georgia-Pacific Sundial Reload</li> <li>• Jackson Food Store #509 (Shell Oil)</li> <li>• Iron Eagle Trailers</li> <li>• Rich's Tree Services, Inc.</li> <li>• Connor Manufacturing Services</li> <li>• Leathers Fuels</li> <li>• MEI (Moore Excavation, Inc.)</li> <li>• NAACO Materials Handling</li> <li>• Cal Portland (NW Glaciers)</li> </ul> <p>There were no enforcement actions taken based on the conducted inspection this PY 20.</p>	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
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"> <li>• Is hazardous in any quantity</li> <li>• Is non-hazardous and greater than 42 gallons on the ground</li> <li>• Or is any quantity that has entered a waterway or a dry well.</li> </ul> <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><b>Non-Hazardous Substances</b> 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. 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> <p><b>Releases from Traffic Accidents</b> If there is a spill of automotive fluids resulting from a traffic accident, the Gresham Fire Department will spread an absorbent compound (usually clay) and specialized absorbent pads on automotive fluids. Buckets are placed underneath dripping fluids. The road is swept and cleaned and, when necessary, additional protection is placed around the catch basins. Large leaking spills from commercial vehicles or semi-trucks are captured using a children's plastic pool. From a legal standpoint, the generator of the spill is responsible; therefore the waste materials are bagged and placed inside the wrecked vehicle or given to the tow truck driver for disposal. The City will perform the clean-up or utilize private clean-up contractors in order to continue the spill response program, when no responsible party can be identified.</p>	Maintain agreement with City of Gresham Fire Department. Investigate spills and provide emergency containment and clean-up as necessary.	Track spill locations, type of materials and response activities.	<p>There were no reported and recorded spill incident events that took place this PY 20 within the City of Fairview jurisdiction.</p> <p>None, see above report.</p> <p>None, see above report.</p>	No modification
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 4-month schedule.	Track status of municipal vehicle maintenance.	All City fleet vehicles (Public Works, Administration and Police departments) were regularly maintained and serviced as scheduled (every 3 months) with auto service providers. No vehicular leaks were detected	No modification
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	No chlorine detected.	No modification
<b>SWMP Element #2- Industrial and Commercial Facilities</b>						

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
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.	Spend one week (40 hours) implementing commercial and industrial inspection procedures.	Track number of facility inspections and follow-up.	There were 9 total of inspected and followed up regulated industrial/commercial facilities during this PY 20. Inspection procedures were in conformance and compliance included in the City of Fairview's Stormwater Operation and Maintenance Manual and Columbia South Shore Wellfield Protection Program Reference Manual. See BMP 1.4_Spill Prevention.  A total of 55.25 inspection hours (pre-documentation, inspection/photos, final documentation and follow up) were spent this PY 20; in compliance with the 40 hours of inspection requirements.	No modification
Screen Industries/Businesses and Track NPDES Stormwater Permits	Annually	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. 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.	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.	Screening process of applicable Industrial/Commercial SIC codes related to the 1200-C NPDES permit is being conducted during pre-application process of land use permit review.  There were 4 total of commercial developments and re-developments granted with 1200-C permits and continued monitoring and inspection during this PY 20: <ul style="list-style-type: none"> <li>• NE Depot St., between NE 5th &amp; NE 7th St., Fairview, OR (Wind River Project)</li> <li>• 22000 NE Halsey St., Fairview, OR (Mixed-Use Development (180 Units)</li> <li>• 20500 NE Marine Dr., Fairview, OR (Blue Lake, Portland Metro)</li> <li>• 1800 NE Market Dr., Fairview, OR (Veterans Administration Clinic)</li> </ul>	No modification
<b>SWMP Element #3 - Construction Site Runoff Control</b>						
Erosion Control Activities	Ongoing	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 ft <sup>2</sup> or more as discussed under the BMP, Development Review. 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 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.	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. Review development sites required to meet City erosion control requirements.	Track the number of erosion control permits issued annually.	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 procedures for implementation of Erosion and Sediment Control Standards.  Total of 9 Erosion Prevention and Sediment Control (EPSC) permits were issued and inspected for PY 20. Site development of these 7 permits were less than an acre of disturbed land and the remaining 2 were greater than an acre of disturbed land.  In addition, two out of the nine total issued permits were required to obtain a 1200-C permits from DEQ due to proposed disturbed land of greater than one acre (43,560 ft. <sup>2</sup> ).	No modification
Erosion Control Program Training	Ongoing	The 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 provided during Land Use Development Permit application process.	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
Construction Site Inspections	1-Jan-14	The City currently reviews plans and inspects construction sites required to meet the City's erosion control standards using the following procedures: 1. Phone call before inspection to make sure BMPs are in place. 2. Visit every site over 1 acre after the first significant rainfall event and periodically thereafter. 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.	Inspect all construction sites required to meet City erosion control standards. Audit or review existing codes to ensure legal and escalation clauses exist for site design, source control, stormwater treatment BMPs, and post-construction BMPs by January 1, 2014.	Track the number of sites that were permitted and inspected.  Report the number and type of enforcement actions.	Total of 9 Erosion Prevention & Sediment Control (EPSC) permits were issued and inspected this PY 20. Total of 8 issued permits were inspected and the remaining 1 will still be in construction. All 8 inspected sites were approved and one with correction for total compliance. No enforcement actions were taken.	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
<b>SWMP Element #4 - Education and Outreach</b>						
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"> <li>• Programs with local area schools</li> <li>• Programs with volunteer groups</li> <li>• Columbia Slough Watershed Council activities</li> <li>• Business Assistance Program – Private Catch Basin Cleaning</li> <li>• Spring Clean-up</li> <li>• Metro Hazardous Waste Clean-up</li> <li>• Informational kiosks at City events and City Hall</li> <li>• Doggy Don't waste bag</li> </ul>	<p>Publish stormwater related articles in the City newsletter. Support local education programs.</p>	<p>Track newsletter articles produced annually.</p> <p>Track activities conducted to support local education programs.</p>	<p><u>Large scale public education campaigns:</u></p> <ul style="list-style-type: none"> <li>• City of Fairview participated in Public Service Announcements (Do the right thing campaign) in 2008 with KOIN 6 to provide public education services on stormwater quality program, as an IGA with the City of Gresham.</li> <li>• Fairview did not participate in the program in PY 18, due to budget and staff issues.</li> <li>• Fairview resumed participation this PY 20 (Do your part program).</li> </ul> <p><u>Local Outreach Effort:</u></p> <ul style="list-style-type: none"> <li>• Fairview public works staff maintained a booth annually at the "Fairview On The Green" event during the month of August and the "Chili Festival" and "On the Green and Clean Up Earth Day" events giving information on stormwater issues and problems and providing activities for children as well.</li> </ul> <p><u>Educational Outreach Articles:</u></p> <p>The City of Fairview utilizes the local monthly newsletter "Fairview Point" to provide educational materials related to stormwater. Applicable articles are as follows:</p> <ol style="list-style-type: none"> <li>1) Fairview on the Green (July 2014)</li> <li>2) Fairview on the Green (August 2014)</li> <li>3) September is Disaster Preparedness Month (September 2014)</li> <li>4) Help Prevent Flooding of Fairview Streets and Park Cleone Improvement Progress (October 2014)</li> <li>5) Stormdrain Cleaning Assistance Program (SCAP) (November 2014)</li> <li>6) Christmas Tree Recycling (December 2014)</li> <li>7) Christmas Tree Recycling (January 2015)</li> <li>8) Parks and Recreation Updates / Traffic Safety (February 2015)</li> <li>9) Spring Clean Up Time (April 2014)</li> <li>10) Free Yard Debris Disposal / Spring Clean Up Time (May 2015)</li> <li>11) Plastic Recycling Tin / Water Quality Report</li> </ol>	No modification
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&amp;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>One reported citizen complaint this PY 20. See BMP 1.1_Illicit Discharge Enforcement reflecting BMP 7.5_Native Vegetation / Use of Pesticide along Fairview Creek Riparian area.</p> <p>Former property owner at 117 NE Crestwood, Fairview, OR was in violation of FMC 19.106.040 (Resource Protection Area), reported by a citizen at 183 NE Crestwood. The noncompliant violator (who recently sold the property) used pesticides (evidence of dead native and invasive vegetation) along the riparian buffer area of Fairview Creek. This is one of other violations being enforced to property owner at 117 NE Crestwood, Fairview, OR in relation to BMP 4.2</p>	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
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.	<p>Contact information for reporting illegal dumping and illicit discharges including submission of a stormwater complaint form is included on the City's website.</p> <p>The Fairview Point contains education 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.</p> <p>There are five articles published during PY 19. See BMP 4.1 listing, Educational Activities.</p> <p>There are three news letter articles included in the Fairview Point containing public recycling and disposal programs during this PY 20.</p>	No modification
Participate in a Public Education Effectiveness Evaluation	1-Nov-14	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.	Report on activities annually.	<p>Public Education Effectiveness Evaluation report (Schedule A.4, NPDES Permit Term 2010-2015) was recently submitted last November 1, 2014.</p> <p>The City has a current IGA with the City of Gresham regarding participation in the ACWA public education effectiveness evaluation. This coordinated effort involves compilation of existing educational survey information and development of conclusions to inform how public education efforts result in behavioral change. A proposal was received from DHM Consulting in compliance to meet DEQ's intended requirements that pertained to general and targeted findings. These targeted findings are focused on pet care, car care, lawn and garden care, and home care which are distinct municipal stormwater pollutant sources where source control activities (like public education) are generally a preferred treatment approach.</p>	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
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.	<p>The responsible reporting party has conducted education and training to public works staff on stormwater quality management bi-annually and has attended 32 committee meetings, presentations and trainings directly related to stormwater quality management during PY 20, which are as follows:</p> <ol style="list-style-type: none"> <li>1. 7/15/2014 – ACWA Phase I _ Stormwater Committee Mtg., Brown &amp; Caldwell Office (Portland)</li> <li>2. 7/22/2014 – Spill Committee Mtg. @ City of Portland_BES_WPCL (John McGregor) @ 6543 N Burlington Ave.</li> <li>3. 8/27-28/2014 – Certified Erosion &amp; Sediment Control Lead (CESCL) training @ the COF Community Centers, conducted by Allison Rhea. – 6 PDH Units.</li> <li>4. 9/4/2014 – East Multnomah County, Stormwater Management Committee meeting @ Yeon Bldg.</li> <li>5. 9/10/2014- ACWA Phase 1, SW Committee meetings @ Salem, Willow Lake Tx Plant.</li> <li>6. 10/8/2014 – ACWA SW Committee Mtg., Willow Lake Tx Plant (Columbia River Rm), 5915 Windsor Island Road N., Salem, OR.</li> <li>7. 10/28/2014 – Storm Spill Committee Mtg., WPCL (City of Portland, John McGregor), 6543 N. Burlington Ave. Pdx.</li> <li>8. 10/31/2014 – Columbia South Shore Wellfield Protection Coordination Mtg. @ Fire Station 12_8645 NE Sandy Blvd. (Doug Wise, City of Portland)</li> <li>9. 11/12/2014 – ACWA_Lisa Cox's Mtg. w/ Jurisdictions @ Salem's Tx Plant.</li> <li>10. 12/15/2014 – Improving Safety Features on Roads and Streets @ COG_CR 2A/2B @ 9:00 – 4:00_with 6 PDH Units.</li> </ol>	No modification
					<ol style="list-style-type: none"> <li>11. 01/07/2015 – City of Portland - City of Gresham, CSSWFPP_Fuel Dispensing Facilities @ City of Gresham</li> <li>12. 01/08/2015 – Pavement Preventive Management @ City of Fairview</li> <li>13. 01/14/2015 – 2015 CSS Well Field Training Session_Regulated Businesses @ City of Gresham, City Hall</li> <li>14. 01/14/2015 – ACWA Phase 1_Stormwater Committee Mtg. @ Willow Lake Tx Plant, Salem @ 9:00 – 11:00.</li> <li>15. 01/20/2015 – Project Management Institute (PMI) Chapter Mtg. @ Double Tree, Lloyd Ctr. (1000 NE Multnomah St.)</li> <li>16. 01/27/2015 – SW Spill Committee Mtg. @ 6543 NE Burlington Ave. Portland,</li> <li>17. 02/11/2015 - ACWA Phase 1 &amp; II_Stormwater Committee Mtg. @ Willow Lake Tx Plant, Salem</li> <li>18. 02/20/2015 – ACWA SW Committee Mtg. @ Brown &amp; Caldwell (Lake Oswego)</li> <li>19. 02/25/2015 – Environmental Water Resource Group (EWRG)_ASCE @ Hawthorne Lucky Lab_915 SE Hawthorne Blvd. "Rainfall Harvesting Program Case Study"_Filterra by MSA (Thomas Walsh)_1 PDH Unit.</li> <li>20. 03/5/2015 – Portland Business Annual Employee Training &amp; Workshop hosted by Columbia Corridor Association</li> <li>21. 03/18/2015 – Specialized Transport Services, LLC_City of Gresham, DES 1, Gresham City Hall.</li> </ol>	

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
					22. 03/20/2015 – ACWA SW Committee Mtg. @ Brown & Caldwell, Lake Oswego 23. 04/02/2015 – Public Hearing_Community Development Block Grant (CDBG) @ Policy Advisory Board @ City of Wood Village 24. 04/08/2015 – ACWA Phase 1 & II_Stormwater Committee Mtg. @ Willow Lake Tx Plant, Salem 25. 04/10/2015 - ACWA SW Committee Mtg. @ Brown & Caldwell, Lake Oswego 26. 04/21/2015 – ACWA Mtg._NPDES Permit Renewal @ Salem Willow Tx Plant: Permit Renewal Strategies_Uses of Variances 27. 04/22/2015 – Energy Net Zero @ City of Gresham's Waste Water Tx Plant 28. 04/28/2015 – SW Spill Committee Mtg. @ 6543 NE Burlington Ave. Portland 29. 05/07/2015 – ACWA Stormwater Monitoring Discussion (Torrey Lindbo), Brown & Caldwell, Lake Oswego 30. 05/13/2015 – ACWA – Stormwater Annual Summit Meeting Conference @ Lane Community College, Eugene, OR. (0.5 CEU) 31. 06/10/2015 - ACWA Phase 1 & II_Stormwater Committee Mtg. @ Willow Lake Tx Plant, Salem. 32. 06/17/2015 – Oldcastle Stormwater Management Facilities Presentation_City of Fairview (12:00 – 1:30)	

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
<b>SWMP Element #5 - Public Involvement and Participation</b>						
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, Oregonian Newspaper and Oregon Live Media on NPDES MS4 annual compliance report during PY 20.  City of Fairview has requested an extension for the permit renewal packet submittal on December 30, 2015. Two components of the renewal packet, Stormwater Management Plan (SWMP) and the Pollutant Load Reduction Benchmarks will be published for public review and comments on the City website.	No modification
<b>SWMP Element #6 - Post-Construction Site Runoff</b>						
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: • 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 4 total development/re-development reviews for private stormwater management facilities conducted this PY 20, which pertain directly to pre-application, design review, natural resources and land use compatibility statement (LUCS).  The City has recently updated both municipal and private stormwater facilities on GIS mapping, this PY 20. New polygon layers were created for both municipal and private stormwater facilities and sub-basins. New identified and updated facilities and their attributes were integrated in the City's GIS system.	No modification
Review Applicable Code and Development Standards related to Stormwater Management	1-Jan-14	In conjunction with the provisions and timeframe outlined in the City's MS4 NPDES permit, review and if necessary, revise existing stormwater design standards and relevant code provisions to ensure that they are consistent with applicable permit language. In addition, document the City's relevant inspection and enforcement response procedures.	Review and the City's current stormwater treatment standards for compliance with new MS4 NPDES permit language by January 1, 2014. Review the City's current public works development code provisions to ensure that applicable barriers related to the use of Low Impact Development techniques are minimized and eliminated where practicable by January 1, 2014. If necessary, 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	Track progress related to the review of the City's code and development standards per provisions in the MS4 NPDES permit.	City of Fairview's Resolution 49-2013 approved compliance order agreement with Environmental Protection Agency (EPA) to implement reporting requirements and standards associated with the NPDES MS4 stormwater permit which includes adoption of the Erosion Prevention and Sediment Control (EPSC) Plan from the City of Gresham.  Low Impact Development barriers were presented in the Planning Commission to be identified in the City of Fairview Municipal Development Code. LID objective is to implement best management practices on stormwater by minimizing impervious cover and by using natural or man-made systems to filter and recharge stormwater into the ground.  The City of Fairview has budgeted funds for the updates on Stormwater Quality Manual which will incorporate design and standards on stormwater management.	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
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.	<p>The city of Fairview completed several of the CIP projects in the Consolidated Stormwater Master Plan, which are as follows:</p> <ul style="list-style-type: none"> <li>• Crack Sealing Project - to eliminate storm surface runoff's direct infiltration into the ground and to be conveyed and collected through curbs &amp; gutters and into catch basins</li> <li>• Pavement Overlay Project - to enhance storm surface runoff conveyance and collection</li> <li>• NE Lincoln St. Sidewalk Improvement Project (Consultant Solicitation and Design Phase) - installation of curbs &amp; gutters, sidewalks and rain garden to promote stormwater quality through conveyance, collection, treatment and disposal</li> <li>• NE 7th St. (Main to Depot Streets) Right-of-Way Improvement Project (Consultant Solicitation and Design Phase) - installation of curbs &amp; gutters, sidewalks and rain gardens to promote stormwater quality through conveyance, collection, treatment and disposal</li> <li>• NE 7th St. (Main to Cedar) Sidewalk Improvement CDBG Project (Consultant Solicitation and Design Phase) - installation of curbs &amp; gutters, sidewalks and rain gardens to promote stormwater quality through conveyance, collection, treatment and disposal</li> </ul> <p>The objective of the projects is to address collection, conveyance, detention, treatment and disposal. The destination/disposal standard is classified under direct on-site infiltration and off-site storm-only pipe system flow conveyance.</p>	No modification

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					2014-2015 (PY 20)	
<b>SWMP Element #7 - Pollution Prevention for Municipal Operations</b>						
O&M Plan	1-Nov-13	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	A Consultant previously reviewed, updated and refined our stormwater GIS program based on the Stormwater Management Plan and the Stormwater Operation and Maintenance Manual. The O&M Manual provides standard operating procedures that our public works staff use as a guideline in performing routine proper maintenance during stormwater facility inspections and maintenance activities for the intended purpose of maximizing water quality benefits as well as maintaining flood capacity.	No modification
Right of way-O&M	Ongoing	The City contracts with Multnomah County for road maintenance that includes street sweeping, roadside mowing and 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.		City of Fairview maintains an IGA with Multnomah County for road maintenance activities. Road maintenance activities performed at County roads this PY, are as follows: <ul style="list-style-type: none"> <li>• Catch basins cleaning - two times: September and October.</li> <li>• Mowing - As needed</li> <li>• Brushing - Once or twice a year</li> <li>• Route sweeping - 5 times: Aug, Oct, Dec, Jan and April</li> <li>• Misc. sweeping (snow gravel pick up) - None this PY 20</li> <li>• Crack Sealing Pavement Preventive Maintenance - Once: May</li> <li>• Pavement Marking Restoration: Once: August</li> </ul>	No modification
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 5 street sweeping this PY 20. Please see details above, Right of Way operation and maintenance.	No modification
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 are no de-icing event that took place during this PY 20.	No modification
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.	During PY 20, 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 4 total riparian buffer permits issued this PY 20; where associated planting plans were implemented during the permitting process.  Also, please see BMPs 1.1 and 1.3. This is a violation of working in the Fairview Creek riparian buffer without permit. It's a removal of ground cover and deadfall within the creek's riparian buffer zone. After investigation and enforcement, a Mitigation Plan was enforced for compliance, which includes replanting of preferred native vegetation.	No modification

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					2014-2015 (PY 20)	
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.</p> <p>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"> <li>• Timing of chemical applications to avoid runoff.</li> <li>• Mowing high grass and brush to reduce weed seed crops in rough areas.</li> <li>• Pruning of trees and shrubs to increase air circulation to reduce susceptibility to disease and insect problems.</li> <li>• Appropriate fertilizing to encourage plant health and resistance to pests (i.e., weeds, insects and disease).</li> <li>• Using plants with natural resistance to pests.</li> <li>• 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.</li> </ul>	Use Portland Parks and Recreation approved chemicals. Incorporate native plants in City planting projects to reduce chemical and fertilizer usage, as well as maintenance requirements.	Track City planting projects that incorporate native plants.	<p>There were total of 29 City of Fairview parks that were treated with approved Portland Parks and Recreation pesticides, this PY 20. Most of these parks were only treated with a mixture of herbicides as needed for evasive or unwanted native vegetation. Planting native vegetation were also incorporated in the City planting projects and during maintenance activities.</p> <p>Our Parks &amp; Recreation Lead worker had been in total compliance on renewing his chemical applicator license over the years. He will be actively participating in the Metro Integrated Pest Management (IPM) PRIME program through the coordinated effort with the responsible reporting party, which is a web-based software application developed by OSU. This MIP application offers Metro the ability to centralize agency-wide pesticide use records and to assess the risks of outdoor pesticide applications. Also, the MIP program will allow the public to see where Metro applies pesticides and the associated risks, as well as staff and contractors to track and explore least-risky options for pest management.</p>	No modification
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	City of Fairview's Park 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
Track Municipal Facilities	Ongoing	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.		N/A	Public Works crew regularly monitored our Corporation Yard Dumpster facility known as the Crestwood Shop. Collected 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 with Oil-Water separator / Concrete Structural Containment Vault (filter cartridges by Contech) / Bio-swale Retention Pond. Also, stockpile of construction materials needed for maintenance activities are covered and bermed to protect migration from run-off and wind erosion.	No modification
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.	<p>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.</p> <p>There are 43 litter receptacles that are maintained and collected once a week and after significant events.</p>	No modification
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.	<p>Respond to pump station failures.</p> <p>Perform cleaning of the problem areas of the City's sanitary sewer system.</p> <p>Construct pipe restoration projects to replace defective pipe and reduce inflow and infiltration.</p>	Track identified sanitary problems and resolutions related to the storm system each year.	<p>We have no pump station failure or sanitary problem issues this PY 20.</p> <p>We have couple significant high-profile sanitary sewer rehabilitation projects where consultant solicitation and design phase were conducted during this PY 20. The construction of the Bridge Street Sanitary Pipe Bursting Rehabilitation project will be reported for PY 21. The assessment and evaluation milestone of the Interlachen Sanitary Sewer Project was conducted during PY 20 and construction will be reported for PY 21.</p>	No modification

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					2014-2015 (PY 20)	
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.	Track the number, type and watershed location of projects that are completed.	<p>There were 6 total of stormwater CIP projects identified in the Consolidated SW Management Plan (CSMP) that were designed/constructed this PY 20, which are follows:</p> <ul style="list-style-type: none"> <li>• Bridge Street Sanitary Sewer Pipe Bursting Rehabilitation Project: Consultant Solicitation and Design were conducted in PY 20 and construction in PY 21</li> <li>• Interlachen Sanitary Pipe assessment and evaluation: Consultant Solicitation was conducted in PY 20 and final result of the assessment and evaluation will be in PY 21 reporting</li> <li>• Shaver Detention Pond Retrofit Project: Consultant Solicitation and design was conducted in PY 20 and construction in PY 21 reporting</li> <li>• Park Cleone Detention Pond Retrofit: Construction was completed in PY 20</li> <li>• NE Lincoln St. Sidewalk Improvement Project: Consultant Solicitation and design was completed in PY 20</li> <li>• NE 7th St. Sidewalk Improvement Project: Grant proceeds from Community Development Block Grant and remainder construction cost will be funded from storm and street funds. Consultant Solicitation and design was completed in PY 20 and construction in PY 21 reporting</li> <li>• NE 7th St. Right-of-Way Improvement Project: Consultant Solicitation and design was completed in PY 20 and construction in PY 21 reporting</li> </ul>	No modification
<b>SWMP Element #8 - Structural Stormwater Facility Operations and Maintenance</b>						
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.	<p>Inspect 50 percent of detention lines, ponds, swales and outfalls.</p> <p>Inspect natural stream channels from bridge and road crossing.</p> <p>Clean catch basins and inspect adjacent pipes in one third of the City annually.</p> <p>Clean all water quality manholes (5).</p> <p>Update maps of City Structural Stormwater Facilities.</p>	<p>Track facilities inspected and maintained.</p> <p>Track number of catch basins cleaned.</p> <p>Estimate quantity of sediment removed from catch basins and water quality manholes.</p>	<p>City of Fairview's catch basin facilities is divided into 3 zones and each zone is inspected annually. Zone 1 (172 total catch basins) has 162 catch basins that were inspected and cleaned (&gt; 1/3 full) this PY 20 at 94% compliance greater than 50% minimum requirement.</p> <p>All 3 total Underground Injection Control (UICs) / Dry Well / Sump &amp; Sedimentation Manholes were inspected this PY 20 and sediments were extracted by Multnomah County's vactor truck for the City of Fairview.</p> <p>There were total of 29 outfalls that were inspected and cleaned this PY 20 (76% greater than 50% requirement), out of the 38 grand total. The remainder of the 9 high priority outfalls were inspected last PY 19.</p> <p>All 6 total Vortex Quality Manholes were inspected and cleaned this PY 20.</p>	No modification

BMP Name	Compliance Date	BMP Description	Measurable Goals	Tracking Measures	Status	Summary and Date of Proposed Adaptive Management Modifications
					2014-2015 (PY 20)	
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.	<p>Ensure new private stormwater facility plans conform to City requirements.</p> <p>Inspect new facilities for conformance to approved O&amp;M plans.</p>	Track number of inspections conducted and inspection results.	<p>It is one of the requirements during the development/re-development review process of private stormwater facility to include submittal of Operation and Maintenance Agreement.</p> <p>City of Fairview participates with the cities of Gresham, Troutdale and Wood Village on a Stormdrain Cleaning Assistance Program (SCAP) for private properties including industrial/commercial businesses, apartments and schools. The program prequalifies licensed contractors that can provide parking lot stormdrain (catch basin) cleaning at a flat fee of \$45.00.</p> <p>There were nine total of private stormwater facilities inspected during PY 20, as follows:</p> <ul style="list-style-type: none"> <li>• Georgia-Pacific Sundial Reload</li> <li>• Jackson Food Store #509 (Shell Oil)</li> <li>• Iron Eagle Trailers</li> <li>• Rich's Tree Services, Inc.</li> <li>• Connor Manufacturing Services</li> <li>• Leathers Fuels</li> <li>• MEI (Moore Excavation, Inc.)</li> <li>• NAACO Materials Handling</li> <li>• Cal Portland (NW Glaciers)</li> </ul>	No modification